



U.S. Department
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Federal Aviation
Administration

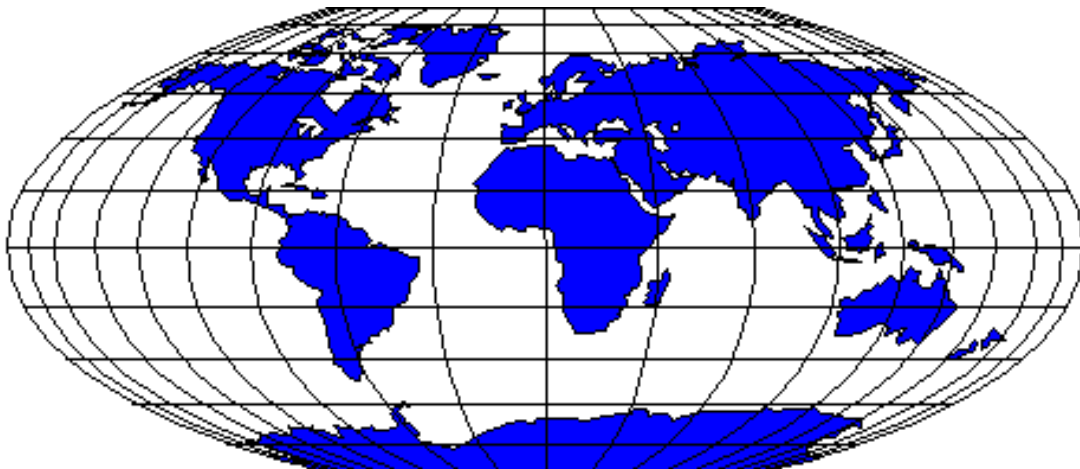
NOTICES TO AIRMEN

Domestic/International

March 2, 2017

Next Issue

March 30, 2017



*Notices to Airmen included in this publication are **NOT** given during pilot briefings unless specifically requested by the pilot. An electronic version of this publication is on the internet at http://www.faa.gov/air_traffic/publications/notices*

JANUARY – 2017							FEBRUARY – 2017							MARCH – 2017						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7				1	2	3	4				1	2	3	4
8	9	10	11	12	13	14	5	6	7	8	9	10	11	5	6	7	8	9	10	11
15	16	17	18	19	20	21	12	13	14	15	16	17	18	12	13	14	15	16	17	18
22	23	24	25	26	27	28	19	20	21	22	23	24	25	19	20	21	22	23	24	25
29	30	31					26	27	28					26	27	28	29	30	31	
APRIL – 2017							MAY – 2017							JUNE – 2017						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
						1		1	2	3	4	5	6					1	2	3
2	3	4	5	6	7	8	7	8	9	10	11	12	13	4	5	6	7	8	9	10
9	10	11	12	13	14	15	14	15	16	17	18	19	20	11	12	13	14	15	16	17
16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24
23	24	25	26	27	28	29	28	29	30	31				25	26	27	28	29	30	
30																				
JULY – 2017							AUGUST – 2017							SEPTEMBER – 2017						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
						1			1	2	3	4	5						1	2
2	3	4	5	6	7	8	6	7	8	9	10	11	12	3	4	5	6	7	8	9
9	10	11	12	13	14	15	13	14	15	16	17	18	19	10	11	12	13	14	15	16
16	17	18	19	20	21	22	20	21	22	23	24	25	26	17	18	19	20	21	22	23
23	24	25	26	27	28	29	27	28	29	30	31			24	25	26	27	28	29	30
30	31																			
OCTOBER – 2017							NOVEMBER – 2017							DECEMBER – 2017						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7				1	2	3	4						1	2
8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
29	30	31					26	27	28	29	30			24	25	26	27	28	29	30
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 = Cutoff dates for submitting NOTAMs to AJV-21 for next publication. (Twenty-three (23) days before effective date.)

 = Effective dates and cutoff dates for submitting information to the Publications Staff, AJV-8 for next publication. (Twenty-eight (28) days before next effective date.)

NOTICES TO AIRMEN

March 2, 2017

Flight Data Center (FDC) NOTAM information current as of February 8, 2017

FDC NOTAMs listed through 7/2711 dated February 8, 2017

Prior to flight, pilots should always check with Flight Service for current NOTAMs (1-800-WX-BRIEF).

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**Temporary Flight Restrictions (TFR) and additional NOTAM information
are available on the FAA website at <http://www.faa.gov>**

NOTICES TO AIRMEN

Publication Schedule

PARTS 1 AND 2

Information for **Part 1** (FDC NOTAMs) and **Part 2** (Part 95 Revisions) shall be submitted to the **National Flight Data Center, AJV-21**, before the information cutoff dates listed in the chart below. Information, as well as inquiries, should be addressed to:

Address	Category
Federal Aviation Administration National Flight Data Center (AJV-21) 800 Independence Avenue, S.W. Washington, DC 20591	Airports & NAVAIDs Airspace & Procedures Part 95 Revisions

Current NOTAMs are available from Flight Service Stations at 1-800-WX-BRIEF. Notices, restrictions, and advisories may change at any time and without notice. Do not attempt any operation in the National Airspace System without first obtaining and understanding a thorough pre-flight briefing.

PARTS 3 AND 4

Information for **Part 3** (International) and **Part 4** (Graphic Notices) shall be submitted electronically to **Air Traffic Procedures (AJV-8)**, through the appropriate regional office. Requirements for Graphic Notices are listed on page viii of the Foreword and **must** be submitted well in advance of the event, but not later than 28 days prior to publication (see table below). Changes to submissions cannot be accepted after the cutoff dates. Graphic Notices for special events are published in two editions prior to the event. Information for Parts 3 and 4, as well as inquiries, should be addressed to:

Address	E-Mail	Phone Number
FAA HQ, Mission Support Services Air Traffic Procedures (AJV-8) 600 Independence Ave., SW Washington, DC 20597	9-ATOR-HQ-PubGrp@faa.gov	1-202-267-0916

Cutoff Dates for Submitting Information To Be Published

Effective Date of Publication	Information Submission Cutoff Dates for Graphic Notices (Parts 3 & 4)	Information Submission Cutoff Dates for FDC NOTAMs (Parts 1 & 2)
January 5, 2017	December 8, 2016	December 14, 2016
February 2, 2017	January 5, 2017	January 11, 2017
March 2, 2017	February 2, 2017	February 8, 2017
March 30, 2017	March 2, 2017	March 8, 2017
April 27, 2017	March 30, 2017	April 5, 2017
May 25, 2017	April 27, 2017	May 3, 2017
June 22, 2017	May 25, 2017	May 31, 2017
July 20, 2017	June 22, 2017	June 28, 2017
August 17, 2017	July 20, 2017	July 26, 2017
September 14, 2017	August 17, 2017	August 23, 2017
October 12, 2017	September 14, 2017	September 20, 2017
November 9, 2017	October 12, 2017	October 18, 2017
December 7, 2017	November 9, 2017	November 15, 2017

SUBSCRIPTION INFORMATION

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To amend publication quantity or cancel subscription, please contact GPO.	To amend publication quantity or cancel subscription, please e-mail: 9-AWA-ATPUBS@FAA.gov	

Contact Information for FAA Distribution Offices

FAA Region/Center/Organization	3-Ltr ID	Phone Number
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Eastern Region	AEA	718-553-4593
Great Lakes Region	AGL	847-294-7646
William J. Hughes Technical Center	AJP	609-485-6652
Aviation System Standards	AJW	405-954-6632
Mike Monroney Aeronautical Center	AMI	405-954-6891
New England Region	ANE	781-238-7673
Northwest Mountain Region	ANM	425-227-2885
Southern Region	ASO	404-305-5087
Southwest Region	ASW	817-222-4062
FAA Headquarters (Washington, DC)	AWA	202-267-9884
Western-Pacific Region	AWP	310-725-7691

FOREWORD

NATIONAL AIRSPACE SYSTEM CHANGES

The main references for changes to the National Airspace System (NAS) are the Aeronautical Charts and the Chart Supplements. Most changes to the NAS meeting NOTAM criteria are known sufficiently in advance to be carried in these publications. When this cannot be done, changes are carried in the Notices to Airmen publication (NTAP) and/or the Service A telecommunications system as a NOTAM D item.

NATIONAL FLIGHT DATA CENTER AIRWAY NOTAMS

Flight Data Center (FDC) NOTAMs reflecting airway changes are carried as Center Area NOTAMs (CAN) on the NOTAM(D) circuit. CANs are NOTAMs issued on airway changes that fall within an ARTCC's airspace. CANs are in FDC format and issued by the U.S. NOTAM Office.

NOTAMS IN THE NOTICES TO AIRMEN PUBLICATION

NOTAM D information printed in this publication is **NOT** included on the Service A circuit.

FDC NOTAMs reflect changes to Standard Instrument Approach Procedures (SIAPs), flight restrictions, and aeronautical chart revisions. The date and number of the last FDC NOTAM included in this issue is indicated on the Table of Contents page. This ensures that FDC NOTAMs issued after the NTAP cutoff date can be identified.

PART 1. PUBLICATION CRITERIA

Section 1. Airway NOTAMs. NOTAMs are sorted alphabetically by ARTCC and in descending FDC NOTAM numerical order.

Section 2. Airport, Facility and Procedural NOTAMs. Categories may include Chart Corrections, Airports, Facilities, Procedural NOTAMs, and others, as required.

NOTAMs in section 2 are sorted alphabetically by state, city, airport name and in descending NOTAM numerical order.

Section 3. General NOTAMs. Contains NOTAMs that are general in nature and not tied to a specific airport/facility identifier; i.e., flight advisories and restrictions. NOTAMs in section 3 are sorted by descending NOTAM numerical order.

NOTAM information of a **temporary** nature is not expected to remain current for an extended period and is carried until expiration or cancellation. NOTAMs of a **permanent** nature are carried until published on the proper charts or in the Chart Supplements.

The Notices to Airmen publication is issued every 28 days. Data in this publication which is current on the effective date of the next Chart Supplement will be transferred to the supplements and removed from this publication.

Facilities are responsible for forwarding NOTAM information to be included in Part One to the National Flight Data Center (NFDC).

FDC NOTAM LEGEND	
Code	Explanation
0/777	Accountability number assigned to the message originator.
FI/T	Flight information of a temporary nature.
FI/P	Flight information of a permanent nature.

PART 2. PUBLICATION CRITERIA

Revisions to Part 95 of the Code of Federal Regulations – Minimum En Route IFR Altitudes and Changeover Points are published four (4) weeks prior to the 56-day IFR chart cycle.

The revisions will remain in the NTAP until four (4) weeks prior to the next IFR chart 56-day cycle. (IFR 56-day cycle dates are published in the AFD in the General Information Section under Effective Date.)

The consolidation of Part 95 Altitudes will continue to be published as a separate document.

PART 3. INTERNATIONAL NOTICES TO AIRMEN

The International Notices to Airmen feature significant international information and data which may affect a pilot's decision to enter or use areas of foreign or international airspace. Each issuance of this Part is complete in itself. Temporary data will be repeated in each issue until the condition ceases to exist. Permanent data will be carried until it is sufficiently published or is available in other permanent sources. New items will be indicated by a black bar running in the left or right margin.

The information in Part 3 is divided into two sections. Section 1, Flight Prohibitions, Potentially Hostile Situations, and Foreign Notices is arranged alphabetically by country. Section 2, International Oceanic Airspace Notices, is divided into two sections, general and region specific.

Any notice submitted for inclusion must include the following information at the end of the notice: submitting office and date of the revision (e.g., AJV-81, 2/2/2017). In addition, all electronic mail submissions to 9-ATOR-HQ-PubGrp@faa.gov should specify a time frame in which to expect the removal of the notice from the publication. Submitting offices should notify AJV-8 when notices are no longer needed in the publication.

PART 4. GRAPHIC NOTICES

This section contains special notices and notices containing graphics pertaining to almost every aspect of aviation, such as military training areas, large scale sporting events that may attract media attention or draw large crowds of aircraft, air show information, and airport-specific information.

Data in this section is updated continuously. All submissions for inclusion in this section must have regional office approval and be submitted to AJV-8 through the regional office.

Notices for events requiring Special Traffic Management Programs (STMP) should be coordinated following the procedures in FAA Order JO 7210.3, Facility Operation and Administration.

Submissions should be sent to AJV-8 well in advance of but **no later than 28 days prior to** the effective date of the Notices to Airmen edition to ensure adequate lead time for inclusion in the publication.

Notices to Airmen (NOTAMS) submitted for inclusion in the NTAP are published **no earlier than two publication cycles (56 day periods) prior to the cycle in which the NOTAM becomes effective**. Special NOTAMS capture special events, like the Super Bowl, and are generally published in the NTAP for two consecutive publication cycles. NOTAMS that are more permanent in nature are posted in the NTAP until transferred to other appropriate Air Traffic Publications.

With the exception of dated special events, any notice submitted for inclusion must include the following information at the end of the notice: submitting office and date of the revision (e.g., AJV-81, 2/2/2017). In addition, all electronic mail submissions should specify a time frame in which to expect the removal of the notice from the publication. Regional offices should notify AJV-8 when notices are no longer needed in the publication.

Text files should be submitted as Word documents. Any graphics submitted for inclusion must be of high quality and in camera ready form; *FAX copies will not be accepted*. Electronic mail submissions are required and should be addressed to 9-ATOR-HQ-PubGrp@faa.gov. Graphics should be submitted in one of the following formats: GIF, JPEG, TIFF, BMP, or PDF. Please do not submit graphics with a “.doc” file extension. Each graphic must be submitted as a separate attachment. Graphic notices may be submitted in color or black and white. Avoid using white text in any graphic. Copyrighted materials, such as maps, should not be submitted for publication without written permission of the copyright owner.

PART 5. SPECIAL TEMPORARY FLIGHT RESTRICTIONS/PROHIBITED AREAS AROUND THE WASHINGTON, DC, THURMONT, MD, AND CRAWFORD, TX, AREAS

Effective with the November 27, 2003, edition, this part was removed from the publication. For information on flight restrictions, pilots are directed to the FAA website at <http://www.faa.gov>. Pilots may also call flight service at 1-800-WX-BRIEF.

TIME REFERENCES

All time references are indicated as UTC or local. During periods of Daylight Saving Time, effective hours in local time will be one hour earlier than shown. All states observe Daylight Savings Time except Arizona, Hawaii, Puerto Rico, and the Virgin Islands.

NEW INFORMATION

In Part 1, new NOTAMs are shown in shaded text. In all other sections of the book, vertical lines in the outside margin indicate new or revised information.

INTERNET

The entire Notices to Airmen publication is published on the internet at the following address: http://www.faa.gov/air_traffic/publications/notices/

There are two copies of the NTAP on the Web site, the current version and the previous version. This is done to overlay any current NOTAMs and information that may be needed.

In the Web version, revised/updated items are shown in blue-colored text.

ERROR OR OBSOLETE DATA NOTIFICATION

Notification of erroneous or obsolete data should be directed to the Federal Aviation Administration, Air Traffic Procedures, AJV-81, 800 Independence Avenue, SW, Washington, DC 20591, or via e-mail at 9-ATOR-HQ-PubGrp@faa.gov.

CONTRACTIONS

NOTAM CONTRACTIONS

This list contains most of the commonly used contractions currently in use in Notices to Airmen (NOTAMS) and the standard aviation weather products, such as METAR/TAF, area forecasts, SIGMETs, AIRMETs, etc.

<i>Contraction</i>	<i>Decode</i>
A	
ABN	Aerodrome Beacon
ABV	Above
ACFT	Aircraft
ACT	Active or Activated or Activity
AD	Aerodrome
ADJ	Adjacent
AGL	Above ground level
ALS	Approach Light System
ALT	Altitude
ALTN	Alternate
AP	Airport
APCH	Approach
APP	Approach control or Approach Control Office
ARR	Arrival or Arrive
ASPH	Asphalt
ATC	Air Traffic Control
ATIS	Automatic Terminal Information Service
AUTH	Authority
AVBL	Available
AWY	Airway
AZM	Azimuth
B	
BA FAIR	Braking action fair
BA POOR	Braking action poor
BC	Back Course
BCN	Beacon
BLW	Below
C	
CAT	Category
CK	Check
CL	Center Line
CLSD	Closed
CMB	Climb
COM	Communications
CONC	Concrete
CTC	Contact
CTL	Control
D	
DCT	Direct
DEG	Degrees
DH	Decision Height
DIST	Distance
DLA	Delay or delayed
DLY	Daily
DME	Distance Measuring Equipment
DP	Dew Point Temperature
E	
E	East
ELEV	Elevation
ENG	Engine
EXC	Except

<i>Contraction</i>	<i>Decode</i>
F	
FAF	Final Approach fix
FAN MKR	Fan Marker
FDC	Flight Data Center
FM	From
FREQ	Frequency
FNA	Final approach
FRI	Friday
FSS	Automated/Flight Service Station
FT	Foot, feet
G	
GCA	Ground Control Approach
GP	Glide Path
GPS	Global Positioning System
GRVL	Gravel
H	
HDG	Heading
HEL	Helicopter
HELI	Heliport
HIRL	High Intensity Runway Lights
HIWAS	Hazardous Inflight Weather Advisory Service
HLDG	Holding
HR	Hour
I	
IAF	Initial approach fix
IAP	Instrument Approach Procedure
INBD	Inbound
ID	Identification
IDENT	Identify/Identifier/Identification
IF	Intermediate approach fix
ILS	Instrument Landing System
IM	Inner Marker
IN	Inch/Inches
INFO	Information
INOP	Inoperative
INSTR	Instrument
INT	Intersection
INTL	International
INTST	Intensity
K	
KT	Knots
L	
L	Left
LAA	Local Airport Advisory
LAT	Latitude
LAWRS	Limited Aviation Weather Reporting Station
LB	Pound/Pounds
LC	Local Control
LOC	Localizer
LGT	Light or lighting

<i>Contraction</i>	<i>Decode</i>
LGTD	Lighted
LIRL	Low Intensity Runway Lights
LM	Locator Middle
LDG	Landing
LO	Outer Locator
LONG	Longitude
M	
MAINT	Maintain, maintenance
MALS	Medium Intensity Approach Light System
MALSF	Medium Intensity Approach Light System with Sequenced Flashers
MALSR	Medium Intensity Approach Light System with Runway Alignment Indicator Lights
MAPT	Missed Approach Point
MCA	Minimum Crossing Altitude
MDA	Minimum Descent Altitude
MEA	Minimum Enroute Altitude
MIN	Minute
MIRL	Medium Intensity Runway Lights
MLS	Microwave Landing System
MM	Middle Marker
MNM	Minimum
MNT	Monitor/Monitoring/Monitored
MOC	Minimum Obstruction Clearance
MON	Monday
MSG	Message
MSL	Mean Sea Level
N	
N	North
NA	Not Authorized
NAV	Navigation
NB	Northbound
NDB	Nondirectional Radio Beacon
NE	North-east
NGT	Night
NM	Nautical Mile(s)
NTAP	Notice To Airmen Publication
NW	North-west
O	
OBSC	Obscured
OBST	Obstacle
OM	Outer Marker
OPR	Operate
OPS	Operation
P	
PAPI	Precision Approach Path Indicator
PAR	Precision Approach Radar
PARL	Parallel
PAX	Passenger
PCL	Pilot Controlled Lighting
PERM	Permanent/Permanently
PJE	Parachute jumping exercise
PLA	Practice Low Approach
PN	Prior Notice Required
PPR	Prior Permission Required
PRN	Pseudo random noise
PROC	Procedure
PTN	Procedure Turn

<i>Contraction</i>	<i>Decode</i>
	R
RAIL	Runway Alignment Indicator Lights
RCL	Runway Centerline
RCLL	Runway Centerline Light System
REC	Receive/Receiver
REIL	Runway End Identifier Lights
REP	Report
RLLS	Runway Lead-in Lights System
RNAV	Area Navigation
RPLC	Replace
RSR	En Route Surveillance Radar
RTS	Return to Service
RVR	Runway Visual Range
RWY	Runway
S	
S	South
SAT	Saturday
SB	Southbound
SE	Southeast
SID	Standard Instrument Departure
SIMUL	Simultaneous
SKED	Scheduled
SSALF	Simplified Short Approach Lighting System with Sequenced Flashers
SSALR	Simplified Short Approach Lighting System with Runway Alignment Indicator Lights
SSALS	Simplified Short Approach Lighting System
SSR	Secondary Surveillance Radar
STA	Straight-in Approach
STAR	Standard Terminal Arrival
SUN	Sunday
SW	Southwest
T	
T	Temperature
TACAN	Tactical Air Navigational Aid
TAR	Terminal area surveillance radar
TDZ	Touchdown Zone
TEMPO	Temporary
TFC	Traffic
TFR	Temporary Flight Restriction
TGL	Touch and Go Landings
THR	Threshold
THRU	Through
THU	Thursday
TKOF	Takeoff
TUE	Tuesday
TWR	Tower
TWY	Taxiway
U	
UNREL	Unreliable
V	
VASI	Visual Approach Slope Indicator
VIS	Visibility
VOR	VHF Omni-Directional Radio Range
VORTAC	VOR and TACAN (colocated)
W	
W	West
WB	Westbound
WED	Wednesday

WI	Within
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WPT	Waypoint
WX	Weather

WEATHER CONTRACTIONS

<i>Contraction</i>	<i>Decode</i>
A	
A	Absolute (temperature)
A	Alaskan Standard Time (time groups only)
A	Arctic (air mass)
A01	Automated Observation without Precipitation Discriminator (rain/snow) (METAR)
A02	Automated Observation with Precipitation Discriminator (rain/snow) (METAR)
AAWF	Auxiliary Aviation Weather Facility
AC	Alto cumulus
ACC	Alto cumulus Castellanus
ACSL	Standing Lenticular Alto cumulus
ACYC	Anticyclonic
ADRNDCK	Adirondack
ADV	Advise
ADVCTN	Advection
ADVY	Advisory
AFC	Area Forecast Center
AFDK	After Dark
ALF	Aloft
ALGHNY	Allegheny
ALQDS	All Quadrants
ALSEC	All Sectors
ALTA	Alberta
ALUTN	Aleutian
ALWF	Actual Wind Factor
AM	Ante Meridiem
AMD	Amended Forecast (TAF)
AMPLTD	Amplitude
AMS	Air Mass
AMS	American Meteorological Society
ANLYS	Analysis
APLCN	Appalachian
AS	Altostratus
ASOS	Automated Surface Observing System
ATLC	Atlantic
AURBO	Aurora Borealis
AWP	Aviation Weather Processors
B	
B	Beginning of Precipitation (time in minutes) (weather reports only)
B	Bering Standard Time (time groups only)
BACLIN	Baroclinic or Baroclinic Prognosis
BATROP	Barotropic or Barotropic Prognosis
BC	Patches (METAR)
BC	British Columbia
BCFG	Patchy Fog (METAR)
BCH	Beach
BCKG	Backing
BDA	Bermuda
BECMG	Becoming (expected between 2 digit beginning hour and 2 digit ending hour) (TAF)
BFDK	Before Dark
BINOVC	Breaks in Overcast
BKN	Broken
BL	Between Layers

<i>Contraction</i>	<i>Decode</i>
BL	Blowing (METAR)
BLD	Build
BLDUP	Buildup
BLKHLS	Black Hills
BLKT	Blanket
BLZD	Blizzard
BMS	Basic Meteorological Services
BNDRY	Boundary
BOVC	Base of Overcast
BR	Mist (METAR)
BRF	Brief
BRKHIC	Breaks in Higher Overcast
BRKSHR	Berkshire
BRM	Barometer
BTWN	Between
C	
C	Central Standard Time (time groups only)
C	Continental (air mass)
CAN	Canada
CARIB	Caribbean
CASCDS	Cascades
CAVOK	Cloud and Visibility OK (METAR)
CAVU	Clear or Scattered Clouds and Visibility Greater Than Ten Miles
CAWS	Common Aviation Weather Sub-system
CB	Cumulonimbus
CBMAM	Cumulonimbus Mamma
CC	Cirrocumulus
CCLKWS	Counterclockwise
CCSL	Standing Lenticular Cirrocumulus
CDFNT	Cold Front
CFP	Cold Front Passage
CHARC	Characteristic
CHSPK	Chesapeake
CI	Cirrus
CIG	Ceiling
CLD	Cloud
CLR	Clear at or below 12,000 feet (AWOS/ASOS report) (METAR)
CLRS	Clear and Smooth
CNCL	Cancel
CNDN	Canadian
CNVTV	Convective
CONFDC	Confidence
CONTDVD	Continental Divide
CONTRAILS	Condensation Trails
COR	Correction to the observation (METAR)
CS	Cirrostratus
CST	Coast
CTGY	Category
CTSKLS	Catskills
CU	Cumulus
CUFRA	Cumulus Fractus
CYC	Cyclonic
CYCLGN	Cyclogenesis

<i>Contraction</i>	<i>Decode</i>
D	
DABRK	Daybreak
DCAVU	Clear or Scattered Clouds and Visibility Greater than Ten, Remainder of Report Missing (weather reports only)
DKTS	Dakotas
DMSH	Diminish
DNS	Dense
DNSLP	Downslope
DNSTRM	Downstream
DP	Deep
DPNG	Deepening
DPTH	Depth
DR	Low Drifting (METAR)
DRFT	Drift
DS	Dust Storm (METAR)
DSIPT	Dissipate
DTLN	International Dateline
DTRT	Deteriorate
DU	Widespread Dust (METAR)
DVV	Downward Vertical Velocity
DWNDFTS	Downdrafts
DWPNT	Dew Point
DZ	Drizzle (METAR)
E	
E	Eastern Standard Time (time groups only)
E	Ending of Precipitation (time in minutes) (weather reports only)
E	Equatorial (air mass)
E	Estimated (weather reports only)
ELNGT	Elongate
EMBDD	Embedded
EMSU	Environment Meteorological Support Unit
ENERN	East–northeastern (weather reports only)
ENEWD	East–northeastward (weather reports only)
EOF	Expected Operations Forecast
ESERN	East–southeastern (weather reports only)
ESEWD	East–southeastward (weather reports only)
EXTRAP	Extrapolate
EXTRM	Extreme
F	
FA	Area Forecast
FAH	Fahrenheit
FEW	1 or 2 octas (eighths) cloud coverage (METAR)
FC	Funnel Cloud (METAR)
+FC	Tornado/ Water Spout (METAR)
FG	Fog (METAR)
FIBI	Filed but Impractical to Transmit
FILG	Filling
FINO	Weather Report Will Not Be Filed for Transmission
FL	Flash Advisory
FLDST	Flood Stage
FLG	Falling
FLRY	Flurry
FLWIS	Flood Warning Issued
FM	From (4 digit beginning time in hours and minutes) (TAF)
FNT	Front
FNTGNS	Frontogenesis
FNTLYS	Frontolysis
FORN	Forenoon
FRMG	Forming
FROPA	Frontal Passage

<i>Contraction</i>	<i>Decode</i>
FROSF	Frontal Surface
FRST	Frost
FRWF	Forecast Wind Factor
FRZ	Freeze
FRZLVL	Freezing Level
FRZN	Frozen
FT	Terminal Forecast
FU	Smoke (METAR)
FULYR	Smoke Layer Aloft
FUOCTY	Smoke Over City
FWC	Fleet Weather Central
FZ	Supercooled/freezing (METAR)
G	
G	Gusts Reaching (knots) (weather reports only)
GLFALSK	Gulf of Alaska
GLFCAL	Gulf of California
GLFMEX	Gulf of Mexico
GLFSTLAWR	Gulf of St. Lawrence
GR	Hail (METAR)
GRAD	Gradient
GRBNKS	Grand Banks
GRDL	Gradual
GRTLKS	Great Lakes
GS	Small Hail/Snow Pellets (METAR)
GSTS	Gusts
GSTY	Gusty
H	
HCVIS	High Clouds Visible
HDFRZ	Hard Freeze
HDSVLY	Hudson Valley
HI	Hi
HIEAT	Highest Temperature Equaled for All Time
HIEFM	Highest Temperature Equaled for The Month
HIESE	Highest Temperature Equaled So Early
HIESL	Highest Temperature Equaled So Late
HIFOR	High Level Forecast
HITMP	Highest Temperature
HIXAT	Highest Temperature Exceeded for All Time
HIXFM	Highest Temperature Exceeded for The Month
HIXSE	Highest Temperature Exceeded So Early
HIXSL	Highest Temperature Exceeded So Late
HLSTO	Hailstones
HLTP	Hilltop
HLYR	Haze Layer Aloft
HURCN	Hurricane
HUREP	Hurricane Report
HX	High Index
HZ	Haze (METAR)
I	
IC	Ice Crystals (METAR)
ICG	Icing
ICGIC	Icing in Clouds
ICGICIP	Icing in Clouds and Precipitation
ICGIP	Icing in Precipitation
IMDT	Immediate
INLD	Inland
INSTBY	Instability
INTR	Interior
INTRMTRGN	Inter–Mountain Region
INTS	Intense
INTSFY	Intensify
INVRN	Inversion

Contractions

<i>Contraction</i>	<i>Decode</i>
IOVC	In Overcast
IR	Ice on Runway
J	
JTSTR	Jet Stream
K	
K	Cold (air mass)
KFRST	Killing Frost
L	
LABRDR	Labrador
LCTMP	Little Change in Temperature
LDG	Landing
LFT	Lift
LGRNG	Long Range
LIFR	Low IFR (weather reports only)
LK	Lake
LOEAT	Lowest Temperature Equaled for All Time
LOEFM	Lowest Temperature Equaled for The Month
LOESE	Lowest Temperature Equaled So Early
LOESL	Lowest Temperature Equaled So Late
LOTMP	Lowest Temperature
LOXAT	Lowest Temperature Exceeded for All Time
LOXFM	Lowest Temperature Exceeded for The Month
LOXSE	Lowest Temperature Exceeded So Early
LOXSL	Lowest Temperature Exceeded So Late
LSR	Loose Snow on Runway
LTGCC	Lightning Cloud-to-Cloud
LTGCCCG	Lightning Cloud-to-Cloud, Cloud-to-Ground
LTGCG	Lightning Cloud-to-Ground
LTGCW	Lightning Cloud-to-Water
LTGIC	Lightning in Clouds
LTLCG	Little Change
LTNG	Lightning
LX	Low Index
LYR	Layer or Layered or Layers
M	
M	Maritime (air mass)
M	In temperature field means "minus" or below zero (METAR)
M	In RVR Field, indicates visibility less than lowest reportable sensor value (e.g. M0600FT)
M	Missing (weather reports only)
M	Mountain Standard Time (time groups only)
MA	Map Analysis
MAN	Manitoba
MEGG	Merging
MEX	Mexico
MHKVLY	Mohawk Valley
MI	Shallow (METAR)
MIDN	Midnight
MIFG	Patches of Shallow Fog Not Deeper Than Two Meters (METAR)
MLTLVL	Melting Level
MMO	Main Meteorological Office
MNLD	Mainland
MOGR	Moderate or Greater
MONTR	Monitor
MOV	Move
MRGL	Marginal
MRNG	Morning
MRTM	Maritime

Notices to Airmen

<i>Contraction</i>	<i>Decode</i>
MS	Minus
MSTLY	Mostly
MSTR	Moisture
MTN	Mountain
MVFR	Marginal VFR
MXD	Mixed
N	
NB	New Brunswick
NCWX	No Change in Weather
NELY	Northeasterly (weather reports only)
NERN	Northeastern
NEW ENG	New England
NFLD	Newfoundland
NGT	Night
NL	No Layers
NMBR	Number
NNERN	North–northeastern (weather reports only)
NNEWD	North–northeastward (weather reports only)
NNWRN	North–northwestern (weather reports only)
NNWWD	Northwestward (weather reports only)
NO	Not available (e.g. SLPNO, RVRNO)
NORPI	No Pilot Balloon Observation Will Be Filed Next Collection Unless Weather Changes Significantly
NPRS	Nonpersistent
NS	Nimbostratus
NS	Nova Scotia
NSCSWD	No Small Craft or Storm Warning are Being Displayed
NSW	No Significant Weather (METAR)
NVA	Negative Vorticity Advection
NWLY	Northwesterly (weather reports only)
NWRN	Northwestern (weather reports only)
O	
OBS	Observation
OBSC	Obscure
OCFNT	Occluded Front
OCLD	Occlude
OCLN	Occlusion
OFP	Occluded Frontal Passage
OFSHR	Offshore
OMTNS	Over Mountains
ONSHR	On Shore
ONT	Ontario
ORGPC	Orographic
OSV	Ocean Station Vessel
OTAS	On Top and Smooth
OTLK	Outlook
OVC	Overcast
P	
P	Pacific Standard Time (time group only)
P	Polar (air mass)
P	In RVR field, indicates visibility greater than highest reportable sensor value (e.g. P6000FT)
P6SM	Visibility greater than 6 statute miles (TAF only)
PAC	Pacific
PBL	Probable
PCPN	Precipitation
PDMT	Predominant
PDMT	Predominate
PDW	Priority Delayed Weather
PL	Ice Pellets (METAR)

<i>Contraction</i>	<i>Decode</i>
PEN	Peninsula
PGTSND	Puget Sound
PIBAL	Pilot Balloon Observation
PISE	No Pilot Balloon Observation Due To Unfavorable Sea Conditions
PISO	No Pilot Balloon Observation Due To Snow
PIWI	No Pilot Balloon Observation Due To High, or Gusty, Surface Wind
PLW	Plow (snow)
PNHDL	Panhandle
PO	Dust/Sand Whirls (METAR)
PPINA	Radar Weather Report Not Available (or omitted for a reason different than those otherwise stated)
PPINE	Radar Weather Report No Echoes Observed
PPINO	Radar Weather Report Equipment Inoperative Due To Breakdown
PPIOK	Radar Weather Report Equipment Operation Resumed
PPIOM	Radar Weather Report Equipment Inoperative Due To Maintenance
PR	Partial (METAR)
PRBLTY	Probability
PRESFR	Pressure Falling Rapidly
PRESRR	Pressure Rising Rapidly
PRJMP	Pressure Jump (weather reports only)
PROB40	Probability 40 percent (METAR)
PROG	Prognosis or Prognostic
PRSNT	Present
PS	Plus
PSG	Passage
PSG	Passing
PTCHY	Patchy
PTLY	Partly
PVA	Positive Vorticity Advection
PY	Spray (METAR)
Q	
QSTNRY	Quasi-stationary
QUE	Quebec
R	
R	Runway (used in RVR measurement)
RA	Rain (METAR)
RABA	No RAWIN Obs., No Balloons Available
RABAL	Radiosonde Balloon Wind Data
RABAR	Radiosonde Balloon Release
RACO	No RAWIN Obs., Communications Out
RADAT	Radiosonde Observation Data
RADNO	Report Missing Account Radio Failure
RAFI	Radiosonde Observation Not Filed
RAFRZ	Radiosonde Observation Freezing Levels
RAHE	No RAWIN Obs., No Gas Available
RAICG	Radiosonde Observation Icing at
RAOB	Radiosonde Observation
RAREP	Radar Weather Report
RAVU	Radiosonde Analysis and Verification Unit
RAW	No RAWIN obs., Unfavorable Weather
RAWI	No RAWIN Obs., High and Gusty Winds
RAWIN	Upper Winds Obs. (by radio methods)
RCD	Radar Cloud Detection Report
RCDNA	Radar Cloud Detection Report Not Available
RCDNE	Radar Cloud Detection Report No Echoes Observed
RCDNO	Radar Cloud Detector Inoperative Due to Breakdown Until

<i>Contraction</i>	<i>Decode</i>
RCDOM	Radar Cloud Detector Inoperative Due to Maintenance Until
RCKY	Rockies (mountains)
RDG	Ridge
RDWND	Radar Dome Wind
RESTR	Restrict
RGD	Ragged
RH	Relative Humidity
RHINO	Radar Echo Height Information Not Available
RHINO	Radar Range Height Indicator Not Operating on Scan
RIOGD	Rio Grande
RMK	Remark(s)
RNFL	Rainfall
ROBEPS	Radar Operating Below Prescribed Standard
RPD	Rapid
RSG	Rising
RUF	Rough
RY/RWY	Runway
S	
SA	Sand (METAR)
SASK	Saskatchewan
SBSD	Subside
SC	Stratocumulus
SCSL	Standing Lenticular Stratocumulus
SCT	Scattered
SELS	Severe Local Storms
SELY	Southeasterly (weather reports only)
SERN	Southeastern (weather reports only)
SFERICS	Atmospherics
SG	Snow Grains (METAR)
SGD	Solar-Geophysical Data
SH	Showers (METAR)
SHFT	Shift (weather reports only)
SHLW	Shallow
SHRTLY	Shortly
SHWR	Shower
SIERNEV	Sierra Nevada
SKC	Sky Clear (METAR)
SLD	Solid
SLP	Sea Level pressure (e.g. 1013.2 reported as 132)
SLR	Slush on Runway
SLT	Sleet
SM	Statute mile(s)
SMK	Smoke
SMTH	Smooth
SN	Snow (METAR)
SNBNK	Snowbank
SNFLK	Snowflake
SNOINCR	Snow Depth Increase in Past Hour
SNW	Snow
SNWFL	Snowfall
SP	Station Pressure
SPECI	Special Report (METAR)
SPKL	Sprinkle
SPLNS	South Plains
SPRD	Spread
SQ	Squall (METAR)
SQAL	Squall
SQLN	Squall Line
SS	Sandstorm (METAR)
SSERN	South-southeastern (weather reports only)
SSEWD	South-southeastward (weather reports only)

<i>Contraction</i>	<i>Decode</i>
SSWRN	South-southwestern (weather reports only)
SSWWD	South-southwestward (weather reports only)
ST	Stratus
STAGN	Stagnation
STFR	Stratus Fractus
STFRM	Stratiform
STG	Strong
STM	Storm
STNRY	Stationary
SWLG	Swelling
SWLY	Southwesterly (weather reports only)
SWRN	Southwestern (weather reports only)
SX	Stability Index
SXN	Section
SYNOP	Synoptic
SYNS	Synopsis
T	
T	Trace (weather reports only)
T	Tropical (air mass)
TCU	Towering Cumulus
TEMPO	Temporary changes expected (between 2 digit beginning hour and 2 digit ending hour) (TAF)
THD	Thunderhead (non METAR)
THDR	Thunder (non METAR)
THK	Thick
THN	Thin
TKOF	Takeoff
TOP	Cloud Top
TOVC	Top of Overcast
TPG	Topping
TRIB	Tributary
TROF	Trough
TROP	Tropopause
TRPCD	Tropical Continental (air mass)
TRPCL	Tropical
TRPLYR	Trapping Layer
TS	Thunderstorm (METAR)
TSHWR	Thundershower (non METAR)
TSQLS	Thundersqualls (non METAR)
TSTM	Thunderstorm (non METAR)
TURBC	Turbulence
TURBT	Turbulent
TWRG	Towering
U	
UAG	Upper Atmosphere Geophysics
UDDF	Up and Down Drafts
UNSDL	Unseasonable
UNSTBL	Unstable
UNSTDY	Unsteady
UNSTL	Unsettle
UP	Unknown Precipitation (Automated Observations)
UPDFTS	Updrafts
UPR	Upper
UPSLP	Upslope
UPSTRM	Upstream
UVV	Upward Vertical Velocity
UWNDS	Upper Winds

<i>Contraction</i>	<i>Decode</i>
V	
V	Varies (wind direction and RVR)
V	Variable (weather reports only)
VA	Volcanic Ash (METAR)
VC	Vicinity
VLCTY	Velocity
VLNT	Violent
VLY	Valley
VR	Veer
VRB	Variable wind direction when speed is less than or equal to 6 knots
VRISL	Vancouver Island, BC
VRT MOTN	Vertical Motion
VSBY	Visibility
VSBYDR	Visibility Decreasing Rapidly
VSBYIR	Visibility Increasing Rapidly
VV	Vertical Visibility (Indefinite Ceiling) (METAR)
W	
W	Warm (air mass)
WA	AIRMET
WDC-1	World Data Centers in Western Europe
WDC-2	World Data Centers Throughout Rest of World
WDLY	Widely
WDSPRD	Widespread
WEA	Weather
WFP	Warm Front Passage
WINT	Winter
WND	Wind
WNWRN	West-northwestern (weather reports only)
WNWWD	West-northwestward (weather reports only)
WPLTO	Western Plateau
WR	Wet Runway
WRM	Warm
WRMFNT	Warm Front
WRNG	Warning
WS	Wind Shear (in TAFs, low level and not associated with convective activity)
WS	SIGMET
WSHFT	Wind Shift
WSOM	Weather Service Operations Manual
WSR	Wet Snow on Runway
WSWRN	West-southwestern (weather reports only)
WSWWD	West-southwestward (weather reports only)
WTR	Water
WTSPT	Waterspout
WV	Wave
WW	Severe Weather Forecast
WXCON	Weather Reconnaissance Flight Pilot Report
X	
XCP	Except
XPC	Expect
Y	
Y	Yukon Standard Time (time groups only)
YKN	Yukon
YLSTN	Yellowstone
Z	
ZI	Zonal Index
ZI	Zone of Interior

Part 1. FDC NOTAMs

Section 1. Airway NOTAMs



Shaded text indicates new or revised NOTAMs.

PART 1

Section 1. AIRWAY NOTAMS

ALBUQUERQUE ARTCC

FDC 7/3169 ZAB NM..ROUTE ZAB. V68 CHISUM (CME) VORTAC, NM TO HAGER, NM HAGER MRA 6500. CNM VORTAC RADIAL RESTRICTED R-344, 56NM, 6500-17500. 1701111302-1708231302EST.

FDC 6/0066 ZAB NM..ROUTE ZAB. V280 TEXICO (TXO) VORTAC, TX R-207 TO DEBRA INT, NM MOCA 6000. 1608091316-1703211316EST.

ANCHORAGE ARTCC

FDC 6/8563 ZAN AK..ROUTE ZAN. G18 COP TO ATQASUK (ATK) NDB, AK MEA 3500. PIZ NDB OTHER. 1612072152-1707192152EST.

FDC 6/8558 ZAN AK..ROUTE ZAN. G17 WAINWRIGHT VILLAGE (UKK) NDB, AK TO ATQASUK (ATK) NDB, AK MEA 3500. UKK NDB OTHER. 1612072150-1707192150EST.

FDC 6/7364 ZAN AK..ROUTE ZAN. V506 SHOKK, AK TO MEADE, AK GNSS MEA 8000 NA. 1610121206-1705241206EST.

FDC 6/6271 ZAN AK..ROUTE ZAN. V456 GULKANA (GKN) VOR/DME, AK TO SANKA, AK 11000 NORTHEAST BOUND 6000 SOUTHWEST BOUND. 1612051453-1707171452EST.

FDC 6/2820 ZAN AK..ROUTE ZAN. MTR IR912 ENTRY PT A, UNK067067, NA. USE ALT ENTRY PT B1. 1612152230-1712152359EST.

FDC 6/2818 ZAN AK..ROUTE ZAN. MTR IR902 EXIT PT E, UNK067067, NA. USE ALT EXIT PT D1. 1612152230-1712152359EST.

FDC 6/2817 ZAN AK..ROUTE ZAN.MTR IR915 NA 1612152230-1712152359EST.

FDC 6/2816 ZAN AK..ROUTE ZAN.MTR IR905 NA 1612152230-1712152359EST.

ATLANTAARTCC

FDC 7/8691 ZTL ROUTE ZTL ZJX. V53 WIDER INT, SC TO WILLS INT, SC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701272329-1709082329EST.

FDC 7/8682 ZTL SC..ROUTE ZTL ZJX. V37 GREAT INT, SC TO RICKE INT, SC MEA 6000. 1701272247-1709082247EST.

FDC 7/8679 ZTL SC..ROUTE ZTL ZJX. V311 GREENWOOD (GRD) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2400. 1701272235-1709082235EST.

FDC 7/8677 ZTL SC..ROUTE ZTL ZJX. V325 BLANE INT, SC TO COLUMBIA (CAE) VORTAC, SC MEA 3000. 1701272222-1709082222EST.

FDC 7/4963 ZTL TN..ROUTE ZTL ZME. V243, V5 CHOO CHOO (GQO) VORTAC, TN R-331 UNUSABLE BEYOND 40NM. V243, V5 MCMIN, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. 1701171634-1708291634EST.

FDC 6/7094 ZTL WV..ROUTE ZTL ZOB ZDC. Q103 RICCS, WV TO PULASKI (PSK) VORTAC, VA SINGLE DIRECTION OPERATIONS, SOUTHBOUND ONLY. 1610261447-1706071447EST.

FDC 6/6440 ZTL SC..ROUTE ZTL ZJX. J47 COLUMBIA (CAE) VORTAC, SC TO SPARTANBURG (SPA) VORTAC, SC NA. 1610251907-1706061906EST.

FDC 6/5151 ZTL SC..ROUTE ZTL. V185 COLLIERS (IRQ) VORTAC, SC TO GREENWOOD (GRD) VORTAC, SC ..COLON, SC MRA 8000. CAE VORTAC R-270 AT 56NM UNUSABLE BELOW 8000. 1612272156-1708082156EST.

FDC 6/5147 ZTL SC..ROUTE ZTL. V185 COLLIERS (IRQ) VORTAC, SC TO GREENWOOD (GRD) VORTAC, SC ..LUKES, SC MRA 3000. CAE VORTAC R-283 AT 57NM UNUSABLE BELOW 3000. 1612272153-1708082153EST.

FDC 6/3667 ZTL GA..ROUTE ZTL. V155 COLLIERS (IRQ) VORTAC, SC TO COLUMBUS (CSG) VORTAC, GA MRA 3500 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1610201228-1706011228EST.

FDC 6/3664 ZTL GA..ROUTE ZTL. V325 ATHENS (AHN) VORTAC, GA TO COLUMBIA (CAE) VORTAC, SC NA BEYOND 25 NM FROM AHN VORTAC EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1610201225-1706011225EST.

FDC 6/3583 ZTL ROUTE ZTL. Q52 CHOPZ, GA TO COLZI, NC NA. 1610201149-1706011149EST.

FDC 6/2502 ZTL GA..ROUTE ZTL. J208 ATHENS (AHN) VORTAC, GA TO GLOVR, NC NA. 1611031721-1706151721EST.

FDC 6/2453 ZTL ROUTE ZTL ZME. V209 KEWANEE (EWA) VORTAC, MS TO BROOKWOOD (OKW) VORTAC, AL NA. 1611031656-1706151656EST.

BOSTON ARTCC

FDC 6/9189 ZBW CT..ROUTE ZBW. V451 NESSI, CT
MCA 4000 SOUTHWESTBOUND.
1612081711-1707201711EST.

FDC 6/6272 ZBW NY..ROUTE ZBW. V139 HAMPTON
(HTO) VORTAC, NY TO PROVIDENCE (PVD) VOR/DME,
RI MEA 3000. 1612051455-1707171454EST.

FDC 6/4346 ZBW NY..ROUTE ZBW. V46 HAMPTON
(HTO) VORTAC, NY TO LIBBE, NY NA.
1610051947-1705171947EST.

FDC 6/4344 ZBW NY..ROUTE ZBW. J174 HAMPTON
(HTO) VORTAC, NY TO OFTUR, MA NA.
1610051945-1705171945EST.

FDC 6/4342 ZBW NY..ROUTE ZBW. J150 HAMPTON
(HTO) VORTAC, NY TO OFTUR, MA NA.
1610051943-1705171943EST.

FDC 6/3648 ZBW NY..ROUTE ZBW. V188 CARMEL
(CMK) VOR/DME, NY TO SEALL, CT NA.
1610201214-1706011214EST.

FDC 6/3562 ZBW NY..ROUTE ZBW. V3 CARMEL (CMK)
VOR/DME, NY TO RACEY, CT NA. COP MOVED TO
RACEY, CT. 1610201140-1706011140EST.

FDC 6/3476 ZBW NY..ROUTE ZBW. J49 ALBANY (ALB)
VORTAC, NY R-071 TO COP NA.
1610192201-1705312201EST.

FDC 6/0967 ZBW NY..ROUTE ZBW. V419 CARMEL
(CMK) VOR/DME, NY TO BRISS, CT NA.
1611191858-1707011858EST.

CHICAGO ARTCC

FDC 7/4967 ZAU IN..ROUTE ZAU ZOB. V8 TWERP INT,
OH TO GAREN INT, IN MOCA 2400.
1701171636-1708291636EST.

FDC 6/9930 ZAU WI..ROUTE ZAU. V510 FALLS (FAH)
VOR/DME, WI TO GAYLE, MI NA. FAH VOR/DME R-116
UNUSABLE. 1610312025-1706122025EST.

FDC 6/6369 ZAU IN..ROUTE ZAU ZID. V51, V97 ZIPPY
INT, IN TO COP MRA 5000. SHB VORTAC UNUSABLE.
1609211730-1705031726EST.

FDC 6/5198 ZAU IN..ROUTE ZAU ZOB. V126, V92
BAGEL, IN TO EDGE, OH MEA 5000. GSH VORTAC
UNUSABLE. 1612272229-1708082229EST.

FDC 6/4396 ZAU MI..ROUTE ZAU. V215 MUSKEGON
(MKG) VORTAC, MI R-209 TO JYBEE, MI NA.
1612211908-1708021908EST.

FDC 6/4394 ZAU MI..ROUTE ZAU. V55 MUSKEGON
(MKG) VORTAC, MI R-185 TO ZEELE, MI NA.
1612211907-1708021907EST.

FDC 6/4391 ZAU MI..ROUTE ZAU ZMP. V271
MUSKEGON (MKG) VORTAC, MI R-353 TO WELKO, MI
NA. 1612211906-1708021906EST.

FDC 6/4390 ZAU MI..ROUTE ZAU. V2 MUSKEGON
(MKG) VORTAC, MI R-115 TO SARAN, MI NA.
1612211904-1708021904EST.

FDC 6/4248 ZAU MI..ROUTE ZAU ZOB. V450
MUSKEGON (MKG) VORTAC, MI R-095 TO CFCCV, MI
NA. 1612211354-1708021354EST.

FDC 6/4246 ZAU MI..ROUTE ZAU. V510 GAYLE, MI TO
JAKES, MI NA. 1612211353-1708021353EST.

FDC 6/3859 ZAU WI..ROUTE ZAU. V7 CHICAGO
HEIGHTS (CGT) VORTAC, IL TO FALLS (FAH)
VOR/DME, WI TALOR WI MCA 6000 NORTHBOUND.
1612191900-1707311900EST.

FDC 6/3355 ZAU IN..ROUTE ZAU ZID. V214 KOKOMO
(OKK) VORTAC, IN R-102 TO MARION (MZZ)
VOR/DME, IN CHANGE R-102 TO R-097. V305
KOKOMO (OKK) VORTAC, IN R-187 TO WELDO, IN
CHANGE R-187 TO R-182. V285, V96 KOKOMO (OKK)
VORTAC, IN R-204 TO BRICKYARD (VHP) VORTAC, IN
CHANGE R-204 TO R-199. V96 KOKOMO (OKK)
VORTAC, IN R-060 TO FORT WAYNE (FWA) VORTAC, IN
CHANGE R-060 TO R-055. V285 KOKOMO (OKK)
VORTAC, IN R-006 TO GOSHEN (GSH) VORTAC, IN
CHANGE R-006 TO R-001. OKK VORTAC MAGVAR.
1612162316-1707282315EST.

FDC 6/3232 ZAU MI..ROUTE ZAU ZMP. V450 RABEE,
WI TO MOTAN, MI MEA 3500. MKG VOR MKG R-313
UNUSABLE BELOW 3500 BEYOND 25NM TO COP..
1608121508-1703241508EST.

FDC 6/2559 ZAU IL..ROUTE ZAU. V7 CHICAGO
HEIGHTS (CGT) VORTAC, IL TO NILES, IL DUAL MEA
3400 NORTHBOUND 2500 SOUTHBOUND.
1612151726-1707271726EST.

FDC 6/2551 ZAU IL..ROUTE ZAU. V92 CHICAGO
HEIGHTS (CGT) VORTAC, IL TO NILES, IL DUAL MEA
3400 NORTHBOUND 2500 SOUTHBOUND.
1612151712-1707271712EST.

FDC 6/2543 ZAU IL..ROUTE ZAU. V97 CHICAGO
HEIGHTS (CGT) VORTAC, IL TO NILES, IL DUAL MEA
3400 NORTHBOUND 2500 SOUTHBOUND.
1612151711-1707271711EST.

FDC 6/2522 ZAU IL..ROUTE ZAU. V422 CHICAGO
HEIGHTS (CGT) VORTAC, IL TO NILES, IL DUAL MEA
3400 NORTHBOUND 2500 SOUTHBOUND.
1612151707-1707271707EST.

FDC 6/0194 ZAU IN..ROUTE ZAU ZID. V97
SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA
5000. 1609291248-1705111248EST.

FDC 6/0180 ZAU IN..ROUTE ZAU ZID. V51
SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA
5000. 1609291245-1705111245EST.

CLEVELAND ARTCC

FDC 7/6840 ZOB OH..ROUTE ZOB. V98 WOCKY, OH
MCA 10000 NORTHBOUND.
1701232007-1709042007EST.

FDC 7/4965 ZOB IN..ROUTE ZOB ZAU. V8 TWERP INT,
OH TO GAREN INT, IN MOCA 2400.
1701171635-1708291635EST.

FDC 6/7786 ZOB NY..ROUTE ZOB. V164 BUFFALO
(BUF) VOR/DME, NY TO U.S. BORDER NA.
1605201936-1612301936EST.

FDC 6/7092 ZOB WV..ROUTE ZOB ZDC ZTL. Q103
RICCS, WV TO PULASKI (PSK) VORTAC, VA SINGLE
DIRECTION OPERATIONS, SOUTHBOUND ONLY.
1610261447-1706071447EST.

FDC 6/7032 ZOB NY..ROUTE ZOB. V252 AIRCO, NY TO
U.S. BORDER NA. 1611131534-1706251532EST.

FDC 6/7030 ZOB NY..ROUTE ZOB. V31 AIRCO, NY TO
U.S. BORDER NA. 1611131531-1706251531EST.

FDC 6/5196 ZOB IN..ROUTE ZOB ZAU. V126, V92
BAGEL, IN TO EDGE, OH MEA 5000. GSH VORTAC
UNUSABLE. 1612272228-1708082228EST.

FDC 6/4762 ZOB OH..ROUTE ZOB. J518 DRYER (DJB)
VOR/DME, OH TO INDIAN HEAD (IHD) VORTAC, PA
COP AT IHD R-310 39NM. 1609191841-1705011841EST.

FDC 6/4250 ZOB MI..ROUTE ZOB ZAU. V450
MUSKEGON (MKG) VORTAC, MI R-095 TO CFCCV, MI
NA. 1612211354-1708021354EST.

FDC 6/3656 ZOB PA..ROUTE ZOB. V184 ERIE (ERI)
VORTAC, PA TO TIDIOUTE (TDT) VORTAC, PA MEA
4000. 1610201222-1706011222EST.

FDC 6/3603 ZOB NY..ROUTE ZOB ZNY. V270 WOMAN,
NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000.
1610201157-1706011157EST.

FDC 6/3441 ZOB PA..ROUTE ZOB ZNY. V542 CAFKI, PA
TO ELMIRA (ULW) VOR/DME, NY MEA 10000.
1610192140-1705312140EST.

FDC 6/2636 ZOB OH..ROUTE ZOB. V96 ANNTS, OH
MCA 16000 SOUTHWESTBOUND.
1611232105-1707052105EST.

FDC 6/2632 ZOB OH..ROUTE ZOB. V96 ILLIE, OH MCA
16000 NORTHEASTBOUND. 1611232104-1707052104EST.

FDC 6/1542 ZOB PA..ROUTE ZOB. V12 ALLEGHENY
(AGC) VOR/DME, PA TO JOHNSTOWN (JST) VORTAC,
PA AGC VOR/DME R-096 UNUSABLE; USE JST R-274.
MEA 5000. AGC VOR/DME RESTRICTED R-071-174 ALL
ALTITUDES AND DISTANCES.
1611202056-1707022056EST.

FDC 6/1164 ZOB NY..ROUTE ZOB. V164 BENEE, NY
MCA 11000 NORTHBOUND. 1611201530-1707021530EST.

DENVER ARTCC

FDC 6/6675 ZDV CO..ROUTE ZDV. V263 LIMEX, CO
MCA 10000 SOUTHBOUND. 1610111405-1705231405EST.

FDC 6/5623 ZDV ROUTE ZLA, ZLC, ZDV Q-96 FM
PURSE CONT TO KIMMR NOT AUTHORIZED
1611100800-1703012359.

FDC 6/3046 ZDV CO..ROUTE ZDV. V220 HABRO, CO
MCA 11300 SOUTHEASTBOUND.
1611281455-1707101455EST.

FDC 6/3045 ZDV CO..ROUTE ZDV. V328 HABRO, CO
MCA 11300 SOUTHEASTBOUND.
1611281454-1707101454EST.

FDC 6/1598 ZDV NE..ROUTE ZDV. V219 HAYES
CENTER (HCT) VORTAC, NE R-048 TO YOZLE INT, NE
MEA 7000. 1611202320-1707022320EST.

FORT WORTH ARTCC

FDC 7/0345 ZFW TX..ROUTE ZFW. V404 SNEED, TX TO
CHILDRESS (CDS) VORTAC, TX MEA 4700. V404
SNEED, TX MCA 4700 NORTHWESTBOUND.
1702021526-1709141525EST.

FDC 7/0209 ZFW TX..ROUTE ZFW. V94 GLEN ROSE
(JEN) VORTAC, TX TO CEDAR CREEK (CQY) VORTAC,
TX MOCA 2600. 1701031453-1708151453EST.

FDC 7/0208 ZFW TX..ROUTE ZFW. V18 GLEN ROSE
(JEN) VORTAC, TX TO CEDAR CREEK (CQY) VORTAC,
TX MOCA 2600. 1701031453-1708151453EST.

FDC 6/9891 ZFW TX..ROUTE ZFW. V102 LUBBOCK
(LBB) VORTAC, TX TO GUTHRIE (GTH) VORTAC, TX
MOCA 6000. GTH VOR CHANGEPOINT GTH-257
AT 25NM.. 1610312005-1706122005EST.

FDC 6/9854 ZFW TX..ROUTE ZFW. V278 GUTHRIE
(GTH) VORTAC, TX TO NIFDE, TX MEA 8500. GTH VOR
CHANGEPOINT GTH R-086 AT 45 NM.
1610311916-1706121916EST.

FDC 6/5542 ZFW TX..ROUTE ZFW. V278 PLAINVIEW (PVW) VOR/DME, TX TO GUTHRIE (GTH) VORTAC, TX MEA 6000. GTH VOR CHANGEOVER POINT GTH R-275 AT 25 NM.. 1610241549-1706051549EST.

FDC 6/4551 ZFW TX..ROUTE ZFW. V18 GUTHRIE (GTH) VORTAC, TX TO BEKLE, TX MEA 8500. GTH VOR RESTRICTED BELOW 8500. 1610202027-1706012027EST.

FDC 6/4547 ZFW TX..ROUTE ZFW. V102 GUTHRIE (GTH) VORTAC, TX TO SNEED, TX MEA 6000. GTH VOR CHANGEOVER POINT GTH R-071 AT 25NM.. 1610202026-1706012026EST.

FDC 6/2490 ZFW AR..ROUTE ZFW ZME. V573 MARKI, AR TO HOT SPRINGS (HOT) VOR/DME, AR MEA 3500NE 5500SW. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-110 AT MARKI UNUSABLE. 1609151331-1704271331EST.

HONOLULU CERAP

FDC 6/8068 ZHN HI..ROUTE ZHN. V5 KONA (KOA) VORTAC, HI TO MYNAH, HI MEA 5200. 1610121713-1705241713EST.

FDC 6/8065 ZHN HI..ROUTE ZHN. V1, V2 MAKEN, HI TO HARPO, HI MEA 6300. 1610121711-1705241711EST.

FDC 6/8063 ZHN HI..ROUTE ZHN. V1, V7 KONA (KOA) VORTAC, HI TO REEFS, HI MEA 5200. 1610121710-1705241710EST.

FDC 6/8061 ZHN HI..ROUTE ZHN. V20 KONA (KOA) VORTAC, HI TO ROBYN, HI MEA 5200. 1610121709-1705241708EST.

FDC 6/4355 ZHN HI..AIRSPACE KILAUEA HI..VOLCANIC ACT ADVISORY FOR KILAUEA VOLCANO HI, 1925N15516W, AND THE HILO /ITO/ VORTAC 209 DEGREE RADIAL AT 023NM. KILAUEA VOLCANO HAS BEEN IN AN ACTIVE STATE. HAZARDOUS EMISSIONS OF VOLCANIC ASH HAVE INTERMITTENTLY COMPLICATED AIR TRAVEL IN THE AREA. ANY IMPACT ON ACFT OPS IS DESCRIBED IN CURRENT SIGMET, CWA, OR PIREP INFORMATION. ACFT SHOULD REMAIN ALERT FOR POSSIBLE ASH CLOUDS AND REPORT ANY SIGHTINGS TO ATC. ACFT OPERATORS SHOULD CONTINUALLY EVALUATE OPS IN THE AREA DEFINED BY THE SIGMET. AVIATION ALERT COLOR CODE ORANGE IS IN EFFECT. FLT INTO VOLCANIC ASH MAY CAUSE ENGINE DAMAGE/FAILURE AND ABRASION DAMAGE TO AIRFRAME AND WINDSHIELD FCFS. ANY AIR CARRIERS, INCLUDING FOREIGN AIR CARRIERS THAT OBSERVE OR EXPERIENCE DIFFICULTIES RESULTING FROM AN ENCOUNTER WITH VOLCANIC ASH PLEASE NOTIFY ATC IMMEDIATELY IN ACCORDANCE WITH FAR 121.561 AND ICAO, ANNEX 3, PARAGRAPH 5.4 (SPECIAL AIRCRAFT OPERATIONS), AND ANNEX 6 PARAGRAPH 4.4.3 (HAZARDOUS FLIGHT CONDITIONS), CONTACT HONOLULU CONTROL FACILITY, 808-840-6201, FOR ADDITIONAL INFORMATION. 1611292300-1711030001.

FDC 6/2825 ZHN HI..ROUTE ZHN. V11 LNBRG, HI TO SWEEP, HI MEA 5400 NORTHBOUND. UPP VOR ESV R338/48/54/450. 1611261510-1707081510EST.

HOUSTON ARTCC

FDC 7/3171 ZHU MS..ROUTE ZHU. V20 GULFPORT (GPT) VORTAC, MS R-061 TO SEMMES (SJI) VORTAC, AL MEA 5000 EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701111304-1708231304EST.

INDIANAPOLIS ARTCC

FDC 7/8683 ZID ROUTE ZID. V115 HAZARD (AZQ) VOR/DME, KY TO CHARLESTON (HVQ) VORTAC, WV MEA 6000. 1701272300-1709082300EST.

FDC 6/9286 ZID ROUTE ZID Q67 JONEN, KY TO COLTZ, OH NA 1609091401-1703020901.

FDC 6/9249 ZID KY..ROUTE ZID. V512 LOUISVILLE (IIU) VORTAC, KY MCA 10000 EASTBOUND. V512 CLEGG, KY MCA 10000 WESTBOUND. V512 LOUISVILLE (IIU) VORTAC, KY TO CLEGG, KY MOCA NA. 1610131541-1705251541EST.

FDC 6/7786 ZID ROUTE ZID ZME. J6 SOPIE, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. J6 BOWLING GREEN (BWG) VORTAC, KY TO CHARLESTON (HVQ) VORTAC, WV NA. BWG VOR UNUSABLE BEYOND 10 NM ALL ALTITUDES. 1610121425-1705241425EST.

FDC 6/6368 ZID IN..ROUTE ZID ZAU. V51, V97 ZIPPY INT, IN TO COP MRA 5000. SHB VORTAC UNUSABLE. 1609211730-1705031726EST.

FDC 6/5567 ZID ROUTE ZID ZTL. Q39 CLAWD, NC TO WISTA, WV NA. 1610241615-1706051615EST.

FDC 6/4676 ZID KY..ROUTE ZID. V517 LONDON (LOZ) VOR/DME, KY TO LOGIC, KY MEA 6000. V517 LOGIC, KY MCA 6000 SOUTHBOUND. 1608161319-1703211319EST.

FDC 6/4542 ZID KY..ROUTE ZID. V178 RENRO, KY MRA 11000. 1609191714-1705011714EST.

FDC 6/4159 ZID WV..ROUTE ZID. V59 SOFTY, WV TO BECKLEY (BKW) VORTAC, WV NA ; BKW VOR R-161 UNUSABLE. 1612202214-1708012214EST.

FDC 6/4157 ZID WV..ROUTE ZID ZDC. V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA ; BKW VOR R-131 UNUSABLE. 1612202213-1708012213EST.

FDC 6/4153 ZID WV..ROUTE ZID. V519 BLUEFIELD (BLF) VORTAC, WV TO BECKLEY (BKW) VORTAC, WV BKW VOR R-193 UNUSABLE; USE BLF R-010. 1612202210-1708012210EST.

FDC 6/3357 ZID IN..ROUTE ZID ZAU. V214 KOKOMO (OKK) VORTAC, IN R-102 TO MARION (MZZ) VOR/DME, IN CHANGE R-102 TO R-097. V305 KOKOMO (OKK) VORTAC, IN R-187 TO WELDO, IN CHANGE R-187 TO R-182. V285, V96 KOKOMO (OKK) VORTAC, IN R-204 TO BRICKYARD (VHP) VORTAC, IN CHANGE R-204 TO R-199. V96 KOKOMO (OKK) VORTAC, IN R-060 TO FORT WAYNE (FWA) VORTAC, IN CHANGE R-060 TO R-055. V285 KOKOMO (OKK) VORTAC, IN R-006 TO GOSHEN (GSH) VORTAC, IN CHANGE R-006 TO R-001. OKK VORTAC MAGVAR. 1612162316-1707282315EST.

FDC 6/0195 ZID IN..ROUTE ZID ZAU. V97 SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA 5000. 1609291248-1705111248EST.

FDC 6/0181 ZID IN..ROUTE ZID ZAU. V51 SHELBYVILLE (SHB) VORTAC, IN TO OCKEL, IN MEA 5000. 1609291245-1705111245EST.

JACKSONVILLE ARTCC

FDC 7/8690 ZJX ROUTE ZJX ZTL. V53 WIDER INT, SC TO WILLS INT, SC NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701272329-1709082329EST.

FDC 7/8681 ZJX SC..ROUTE ZJX ZTL. V37 GREAT INT, SC TO RICHE INT, SC MEA 6000. 1701272247-1709082247EST.

FDC 7/8680 ZJX SC..ROUTE ZJX ZTL. V311 GREENWOOD (GRD) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2400. 1701272235-1709082235EST.

FDC 7/8678 ZJX SC..ROUTE ZJX ZTL. V325 BLANE INT, SC TO COLUMBIA (CAE) VORTAC, SC MEA 3000. 1701272222-1709082222EST.

FDC 7/0215 ZJX ROUTE ZJX. V37 COLUMBIA (CAE) VORTAC, SC TO NORMS, SC NA. 1701031454-1708151454EST.

FDC 6/6439 ZJX SC..ROUTE ZJX ZTL. J47 COLUMBIA (CAE) VORTAC, SC TO SPARTANBURG (SPA) VORTAC, SC NA. 1610251907-1706061906EST.

FDC 6/3986 ZJX GA..ROUTE ZJX. V159 PECAN (PZD) VORTAC, GA TO SAWES, GA NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1610201425-1706011425EST.

FDC 6/3816 ZJX SC..ROUTE ZJX ZDC. V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA. 1610201334-1706011334EST.

FDC 6/3814 ZJX SC..ROUTE ZJX. V53 CHARLESTON (CHS) VORTAC, SC TO COLUMBIA (CAE) VORTAC, SC MEA 2100. 1609161753-1704281753EST.

FDC 6/3797 ZJX SC..ROUTE ZJX ZDC. V1 INLET, SC TO WALLO, NC NA. 1610201329-1706011329EST.

FDC 6/3789 ZJX SC..ROUTE ZJX. V259 GRAND STRAND (CRE) VORTAC, SC TO COP NA. 1610201328-1706011328EST.

FDC 6/3784 ZJX SC..ROUTE ZJX. V136 COP TO GRAND STRAND (CRE) VORTAC, SC NA. 1610201325-1706011325EST.

FDC 6/1318 ZJX FL..ROUTE ZJX. V441 NITTS, FL MCA 4000 SOUTHBOUND. 1611201854-1707021854EST.

FDC 6/1310 ZJX FL..ROUTE ZJX. V579 NITTS, FL MCA 4000 SOUTHBOUND. 1611201612-1707021612EST.

FDC 6/1302 ZJX FL..ROUTE ZJX. V97 ST PETERSBURG (PIE) VORTAC, FL R-336 UNUSABLE BYD 40 NM. 1611201608-1707021608EST.

FDC 6/1282 ZJX FL..ROUTE ZJX. J43 ST PETERSBURG (PIE) VORTAC, FL R-336 UNUSABLE BEYOND 40NM. 1611201601-1707021601EST.

FDC 6/1278 ZJX FL..ROUTE ZJX. J41 ST PETERSBURG (PIE) VORTAC, FL R-336 UNUSABLE BEYOND 40NM. 1611201558-1707021558EST.

KANSAS CITY ARTCC

FDC 7/8688 ZKC ROUTE ZKC. V12 COLUMBIA (COU) VOR/DME, MO TO FORISTELL (FTZ) VORTAC, MO NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701272321-1709082321EST.

FDC 6/6258 ZKC KS..ROUTE ZKC. V532 SALINA (SLN) VORTAC, KS TO STEEL, NE MEA 6000. SLN VORTAC MCA V532 4200 NORTHEASTBOUND. V532 STEEL, NE TO LINCOLN (LNK) VORTAC, NE MEA 5000. SLN VORTAC RESTRICTION. 1610100153-1705220153EST.

FDC 6/6256 ZKC KS..ROUTE ZKC. V553 SALINA (SLN) VORTAC, KS TO PAWNEE CITY (PWE) VORTAC, NE MEA 3400. URAVY MRA 6000. HURDO MRA 6000.. SLN VORTAC RESTRICTIONS. 1610100151-1705220151EST.

FDC 6/5312 ZKC MO..ROUTE ZKC. V190 SPRINGFIELD (SGF) VORTAC, MO R-075 TO MAPLES (MAP) VORTAC, MO R-254 MEA 3100. 1609201634-1705021634EST.

FDC 6/5271 ZKC NE..ROUTE ZKC ZMP. V307 PAWNEE CITY (PWE) VORTAC, NE R-189 TO ALMAS INT, KS MOCA 3000. 1608311316-1704121316EST.

LOS ANGELES ARTCC

FDC 7/3925 ZLA CA..ROUTE ZLA. V372 KAYOH, CA MCA 8000 EASTBOUND. 1701121819-1708241819EST.

FDC 7/3924 ZLA CA..ROUTE ZLA. V283 KAYOH, CA MCA 8000 EASTBOUND. 1701121819-1708241819EST.

FDC 7/3923 ZLA CA..ROUTE ZLA. V64 COREL, CA MCA 8000 EASTBOUND. 1701121818-1708241818EST.

FDC 7/0734 ZLA ROUTE ZLA ZLC. V235 MATZO, UT TO CEDAR CITY (CDC) VOR/DME, UT CHANGE ALL REFERENCES OF CEDAR CITY (CDC) VORTAC TO ENOCH (EHK) VOR/DME. 1701041851-1708161851EST.

FDC 7/0732 ZLA ROUTE ZLA ZLC. V293 BRYCE CANYON (BCE) VORTAC, UT TO CEDAR CITY (CDC) VOR/DME, UT CHANGE ALL REFERENCES OF CEDAR CITY (CDC) VORTAC TO ENOCH (EHK) VOR/DME. 1701041848-1708161848EST.

FDC 6/6330 ZLA CA..ROUTE ZLA. V197 KELEN, CA TO ARVIN, CA MEA 8500. 1609011806-1704131806EST.

FDC 6/6323 ZLA CA..ROUTE ZLA. V165 LOPES, CA TO ARVIN, CA MEA 8500. 1609011803-1704131803EST.

FDC 6/6286 ZLA ROUTE ZLA, ZLC Q-96 FM PURSE CONT TO KIMMR, NOT AUTH 1609011700-1703012359.

FDC 6/6285 ZLA ROUTE ZLA, ZLC Q-88 FM HAKMN CONT TO CHESZ, NOT AUTH 1609011700-1703012359.

FDC 6/6282 ZLA ROUTE ZLA, ZDV Q-94 FM WELUM CONT TO ROOLL, NOT AUTH 1609011700-1703012359.

FDC 6/6279 ZLA ROUTE ZLA, ZDV Q-98 FM HAKMN CONT TO PEWEE, NOT AUTH 1609011700-1703012359.

FDC 6/6278 ZLA ROUTE ZLA, ZDV Q-78 FM MARUE CONT TO TOADD, NOT AUTH 1609011700-1703012359.

FDC 6/6276 ZLA ROUTE ZLA Q-90 FM DNERO CONT TO JASSE, NOT AUTH 1609011700-1703012359.

FDC 6/6275 ZLA ROUTE ZLA Q-168 FM FNDA CONT TO JASSE, NOT AUTH 1609011700-1703012359.

FDC 6/5996 ZLA STAR LONG BEACH/DAUGHERTY FIELD LONG BEACH,CA; JOHN WAYNE AIRPORT-ORANGE COUNTY SANTA ANA, CA TANDY THREE ARRIVAL ADD NOTE: FLW TRANSITION "RADAR REQUIRED". 1608011800-1708012359.

MEMPHIS ARTCC

FDC 7/4961 ZME TN..ROUTE ZME ZTL. V243, V5 CHOO CHOO (GQO) VORTAC, TN R-331 UNUSABLE BEYOND 40NM. V243, V5 MCMIN, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. 1701171632-1708291632EST.

FDC 6/9949 ZME KY..ROUTE ZME ZID. V140 HARME, TN TO LIVINGSTON (LVT) VORTAC, TN MEA 8000. 1610141312-1705261311EST.

FDC 6/7784 ZME ROUTE ZME ZID. J6 SOPIE, TN TO BOWLING GREEN (BWG) VORTAC, KY NA. J6 BOWLING GREEN (BWG) VORTAC, KY TO CHARLESTON (HVQ) VORTAC, WV NA. BWG VOR UNUSABLE BEYOND 10 NM ALL ALTITUDES. 1610121424-1705241424EST.

FDC 6/4505 ZME KY..ROUTE ZME ZID. V52 CENTRAL CITY (CCT) VORTAC, KY TO BOWLING GREEN (BWG) VORTAC, KY COP AT BWG R-303 10NM. 1609191701-1705011701EST.

FDC 6/2480 ZME AR..ROUTE ZME ZFW. V573 MARKI, AR TO HOT SPRINGS (HOT) VOR/DME, AR MEA 3500NE 5500SW. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-110 AT MARKI UNUSABLE. 1609151331-1704271331EST.

FDC 6/2479 ZME AR..ROUTE ZME. V527 HIDER, AR TO ROVER, AR MEA 9500N 5500S. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL R-069 NA OUTSIDE 40NM.. 1609151331-1704271331EST.

FDC 6/2477 ZME AR..ROUTE ZME. V303 BLURB, AR TO BLIMP, AR MRA 5500. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO VORTAC RADIAL-076 UNUSABLE BEYOND 40NM.. 1609151331-1704271331EST.

FDC 6/2474 ZME AR..ROUTE ZME. V534 FORT SMITH (FSM) VORTAC, AR TO DRANO, AR MEA 2600W 4500E. V534 DRANO, AR TO SCRAN, AR MEA 3500W 4500E. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-037 NA AT DRANO, PGO RADIAL-049 NA AT SCRAN.. 1609151331-1704271331EST.

FDC 6/2473 ZME AR..ROUTE ZME. V74 FORT SMITH (FSM) VORTAC, AR TO CHARR, AR MEA 2500W 4500E. V74 CHARR, AR TO MAGGA, AR MEA 4000W 4500E. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-037 NA AT CHARR, PGO RADIAL-049 NA AT MAGGA. 1609151331-1704271331EST.

FDC 6/2472 ZME AR..ROUTE ZME. V532 BLIMP, AR TO BLURB, AR MCA 5500 EASTBOUND. PGO VORTAC RADIALS UNUSABLE BEYOND SERVICE VOLUME PGO RADIAL-076 NA AT BLURB, USE LIT RADIAL-273. 1609151331-1704271331EST.

FDC 6/1159 ZME TN..ROUTE ZME. V49 NASHVILLE (BNA) VORTAC, TN TO BOWLING GREEN (BWG) VORTAC, KY COP BWG R-192 10NM. 1611201525-1707021525EST.

MIAMI ARTCC

FDC 7/2109 ZMA FL..ROUTE ZMA. V7 DOLPHIN (DHP) VORTAC, FL TO LEE COUNTY (RSW) VORTAC, FL MEA 2300. 1702072209-1709192209EST.

FDC 6/8835 ZMA FL..ROUTE ZMA. V537 PRESK, FL MCA 4000 NORTHWESTBOUND. 1610131314-1705251314EST.

FDC 6/3834 ZMA FL..ROUTE ZMA. V437 SUBER INT, FL TO HOTAR INT, FL MRA 8000 AT SUBER NORTHBOUND. 1608291836-1704101827EST.

FDC 6/3629 ZMA FL..ROUTE ZMA. V35 ST PETERSBURG (PIE) VORTAC, FL TO SABEE, FL MEA 3000 GNSS 2000. 1608291359-1704101358EST.

FDC 6/1306 ZMA FL..ROUTE ZMA. V492, V97 LA BELLE (LBV) VORTAC, FL TO ST PETERSBURG (PIE) VORTAC, FL MEA 5000 GNSS 2000. 1611201610-1707021610EST.

MINNEAPOLIS ARTCC

FDC 7/4959 ZMP WI..ROUTE ZMP. V177 HAYWARD (HYR) VOR/DME, WI TO DULUTH (DLH) VORTAC, MN NA. 1701171630-1708291630EST.

FDC 7/4957 ZMP WI..ROUTE ZMP. V413 IRONWOOD (IWD) VORTAC, MI TO EAU CLAIRE (EAU) VORTAC, WI MEA 8000. 1701171629-1708291629EST.

FDC 7/1503 ZMP WI..ROUTE ZMP. V63 WAUSAU (AUW) VORTAC, WI TO RHINELANDER (RHI) VORTAC, WI NA. 1701052046-1708172046EST.

FDC 6/9948 ZMP MI..ROUTE ZMP. V148 ALEEN, WI TO HAYWARD (HYR) VOR/DME, WI NA. 1610312032-1706122032EST.

FDC 6/9943 ZMP MI..ROUTE ZMP. V148 HAYWARD (HYR) VOR/DME, WI TO IRONWOOD (IWD) VORTAC, MI NA. 1610312031-1706122031EST.

FDC 6/5270 ZMP NE..ROUTE ZMP ZKC. V307 PAWNEE CITY (PWE) VORTAC, NE R-189 TO ALMAS INT, KS MOCA 3000. 1608311316-1704121316EST.

FDC 6/4392 ZMP MI..ROUTE ZMP ZAU. V271 MUSKEGON (MKG) VORTAC, MI R-353 TO WELKO, MI NA. 1612211906-1708021906EST.

FDC 6/3478 ZMP WI..ROUTE ZMP. V177 WAUSAU (AUW) VORTAC, WI TO HAYWARD (HYR) VOR/DME, WI NA. 1607271755-1703081755EST.

FDC 6/3233 ZMP MI..ROUTE ZMP ZAU. V450 RABEE, WI TO MOTAN, MI MEA 3500. MKG VOR MKG R-313 UNUSABLE BELOW 3500 BEYOND 25NM TO COP.. 1608121508-1703241508EST.

FDC 6/0279 ZMP MN..ROUTE ZMP. V413 DAYLE, MN TO BRAINERD (BRD) VORTAC, MN MEA 7000. BRD R-171 UNUSABLE BLO 7000. V413 DAYLE, MN MCA 7000 NORTHBOUND. 1610141454-1705261454EST.

NEW YORK ARTCC

FDC 7/8853 ZNY PA..ROUTE ZNY. V474 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 1701292130-1709102130EST.

FDC 7/8851 ZNY PA..ROUTE ZNY. V184 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 1701292129-1709102129EST.

FDC 7/8849 ZNY PA..ROUTE ZNY. V474 MODENA (MXE) VORTAC, PA MCA 10000 WESTBOUND. DELRO, PA MCA 10000 EASTBOUND. 1701292128-1709102128EST.

FDC 7/8847 ZNY PA..ROUTE ZNY. V184 DELRO, PA TO MODENA (MXE) VORTAC, PA MOCA NA. 1701292126-1709102126EST.

FDC 6/3965 ZNY ROUTE ZNY. V3, V419 HARRS, PA MRA 5000. 1610201419-1706011419EST.

FDC 6/3963 ZNY ROUTE ZNY. V3, V419 BIGGY, NJ MRA 5000. 1610201418-1706011417EST.

FDC 6/3961 ZNY ROUTE ZNY. V30, V405 LANNA, NJ MRA 5000. 1610201416-1706011416EST.

FDC 6/3955 ZNY ROUTE ZNY. V30 BOPLY, PA MRA 5000. 1610201415-1706011415EST.

FDC 6/3939 ZNY PA..ROUTE ZNY ZDC. V147 YARDLEY (ARD) VOR/DME, PA TO EAST TEXAS (ETX) VOR/DME, PA MEA 5000. ARD VOR/DME R-300 TO R-353 UNUSABLE BELOW 5000. 1610201412-1706011412EST.

FDC 6/3782 ZNY VA..ROUTE ZNY ZDC. J220 ARMEL (AML) VOR/DME, VA R-009 UNUSEABLE BEYOND 74NM. 1609161737-1704281737EST.

FDC 6/3601 ZNY NY..ROUTE ZNY ZOB. V270 WOMAN, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1610201155-1706011155EST.

FDC 6/3589 ZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO STONYFORK (SFK) VOR/DME, PA ULW R-229 UNUSABLE BLO 10000. USE SFK R-044. 1610201152-1706011152EST.

FDC 6/3587 ZNY PA..ROUTE ZNY. V12, V162 HARRISBURG (HAR) VORTAC, PA TO BOBSS, PA NA. V12 HARRISBURG (HAR) VORTAC, PA TO KUPPS, PA NA. HAR VOR R-097 - R-107 UNUSABLE BYD 10NM. 1610201150-1706011150EST.

FDC 6/3579 ZNY NY..ROUTE ZNY. V35 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-041 MEA 10000. 1610201148-1706011148EST.

FDC 6/3571 ZNY NY..ROUTE ZNY. V270 ELMIRA (ULW) VOR/DME, NY TO BINGHAMTON (CFB) VORTAC, NY ULW R-096 UNUSABLE BLO 10000. USE CFB R-275. 1610201146-1706011146EST.

FDC 6/3567 ZNY NY..ROUTE ZNY. V147 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-141 MEA 10000. 1610201144-1706011144EST.

FDC 6/2228 ZNY NY..ROUTE ZNY. V31 ELMIRA (ULW) VOR/DME, NY TO COP ULW R-178 UNUSABLE BLO 10000. 1611031507-1706151506EST.

FDC 6/2225 ZNY NY..ROUTE ZNY ZOB. V36 BURST, NY TO ELMIRA (ULW) VOR/DME, NY MEA 10000. 1611031505-1706151505EST.

FDC 6/2217 ZNY NY..ROUTE ZNY ZOB. V147 ROCHESTER (ROC) VOR/DME, NY TO COP ULW R-337 MEA 10000. 1611031500-1706151500EST.

FDC 6/2212 ZNY NY..ROUTE ZNY ZOB. V31 ELMIRA (ULW) VOR/DME, NY TO BEEPS, NY MEA 10000. 1611031457-1706151457EST.

OAKLAND ARTCC

FDC 6/6320 ZOA ROUTE ZOA. A222 POHNPEI (PNI) NDB/DME, UNDEFINED TO AXTEN, NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1609011759-1704131759EST.

FDC 6/0860 ZOA CA..ROUTE ZOA. V113, V28 KATSO, CA TO SPOOK, CA MEA 15000, MOCA 10500. 1610142005-1705262005EST.

FDC 6/0334 ZOA ROUTE ZOA ZSE. V195 FORTUNA (FOT) VORTAC, CA TO RED BLUFF (RBL) VORTAC, CA CHANGE OVER POINT FOT 40 NM. 1610141520-1705261520EST.

SALT LAKE CITY ARTCC

FDC 7/0733 ZLC ROUTE ZLC ZLA. V235 MATZO, UT TO CEDAR CITY (CDC) VOR/DME, UT CHANGE ALL REFERENCES OF CEDAR CITY (CDC) VORTAC TO ENOCH (EHK) VOR/DME. 1701041851-1708161851EST.

FDC 7/0731 ZLC ROUTE ZLC ZLA. V293 BRYCE CANYON (BCE) VORTAC, UT TO CEDAR CITY (CDC) VOR/DME, UT CHANGE ALL REFERENCES OF CEDAR CITY (CDC) VORTAC TO ENOCH (EHK) VOR/DME. 1701041848-1708161848EST.

FDC 6/2857 ZLC NV..ROUTE ZLC. J523 ELY (ELY) VOR/DME, NV R-114 UNUSABLE BYD 20NM. 1608261703-1704071703EST.

FDC 6/2536 ZLC OR..ROUTE ZLC. J153 ROME (REO) VOR/DME, OR TO BAKER CITY (BKE) VOR/DME, OR COP AT BKE R-161 15NM. 1611031742-1706151742EST.

FDC 6/2526 ZLC ROUTE ZLC. V231 MISSOULA (MSO) VOR/DME, MT TO ARLEE, MT MEA 9700. 1611031732-1706151732EST.

SEATTLE ARTCC

FDC 7/4513 ZSE WA..ROUTE ZSE. V4 BLAKO INT, WA MRA 8500. 1701141935-1708261935EST.

FDC 6/8666 ZSE OR..ROUTE ZSE. V121 NORTH BEND (OTH) VOR/DME, OR R-093 TO ROSEBURG (RBG) VOR/DME, OR MEA 6000. OTH VOR. 1610131210-1705251210EST.

FDC 6/2538 ZSE WA..ROUTE ZSE. V187 ORTIN, WA TO MCCHORD (TCM) VORTAC, WA MEA 8000. 1611031744-1706151744EST.

FDC 6/0321 ZSE ROUTE ZSE ZOA. V195 FORTUNA (FOT) VORTAC, CA TO RED BLUFF (RBL) VORTAC, CA CHANGE OVER POINT FOT 40 NM. 1610141519-1705261519EST.

WASHINGTON ARTCC

FDC 7/2197 ZDC MD..ROUTE ZDC. V1 SALISBURY (SBY) VORTAC, MD R-039 UNUSABLE BYD 13NM BLO 5000. 1701091436-1708211436EST.

FDC 7/1504 ZDC MD..ROUTE ZDC. V31 ARUYE, MD MCA 6000 NORTHWESTBOUND. 1701052048-1708172048EST.

FDC 6/7091 ZDC WV..ROUTE ZDC ZOB ZTL. Q103 RICCS, WV TO PULASKI (PSK) VORTAC, VA SINGLE DIRECTION OPERATIONS, SOUTHBOUND ONLY. 1610261447-1706071447EST.

FDC 6/4747 ZDC NC..ROUTE ZDC. V56 WALLO, NC TO FONPO, NC NA. 1609191826-1705011826EST.

FDC 6/4155 ZDC WV..ROUTE ZDC ZID. V258 BECKLEY (BKW) VORTAC, WV TO ZOOMS, WV NA ; BKW VOR R-131 UNUSABLE. 1612202212-1708012211EST.

FDC 6/3937 ZDC PA..ROUTE ZDC ZNY. V147 YARDLEY (ARD) VOR/DME, PA TO EAST TEXAS (ETX) VOR/DME, PA MEA 5000. ARD VOR/DME R-300 TO R-353 UNUSABLE BELOW 5000. 1610201411-1706011411EST.

FDC 6/3802 ZDC SC..ROUTE ZDC ZJX. V213, V70 GRAND STRAND (CRE) VORTAC, SC TO WILMINGTON (ILM) VORTAC, NC NA. 1610201332-1706011332EST.

FDC 6/3787 ZDC SC..ROUTE ZDC ZJX. V1 INLET, SC TO WALLO, NC NA. 1610201327-1706011327EST.

FDC 6/3785 ZDC VA..ROUTE ZDC ZNY. J227 ARMEL (AML) VOR/DME, VA R-009 UNUSEABLE BEYOND 74NM. 1609161738-1704281737EST.

FDC 6/3041 ZDC NC..ROUTE ZDC. V139 WILMINGTON (ILM) VORTAC, NC TO NEW BERN (EWN) VOR/DME, NC NA. 1610191652-1705311652EST.

FDC 6/0512 ZDC NC..ROUTE ZDC. V296 RAEFO, NC TO FAYETTEVILLE (FAY) VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 1612121433-1707241433EST.

FDC 6/0511 ZDC NC..ROUTE ZDC. V54 RAEFO, NC TO FAYETTEVILLE (FAY) VOR/DME, NC DUAL MEA 2800 EASTBOUND 5000 WESTBOUND. 1612121432-1707241432EST.

Part 1. FDC NOTAMs

Section 2. Airport, Facility and Procedural NOTAMs



Shaded text indicates new or revised NOTAMs.

Section 2

Content Criteria

All public use airports have distant NOTAM distribution.

Airport Data:	Abandonments (If currently listed in Airport/Facility Directory) Openings Closings
Airport Operating Restrictions:	ARFF ACR
Runway Data: (Hard Surface Only).	Openings Closings Commissionings Permanent Closures Ident Changes Length Width Surface Composition Changes Displaced Thresholds (Implementation and Changes)
Runway Edge Light Systems	Commissionings Changes Outages (with effective dates) Pilot Control (Commissionings/Decommissionings, Outages (with effective dates))
Approach Light Systems	Commissionings Changes Decommissionings Outages (with effective dates) Pilot Control (Commissionings/Decommissionings, Outages (with effective dates))

NAVAIDS, COMMUNICATIONS, OTHER SERVICES

Navigational Facilities	Commissionings (including Ident and Frequency) Decommissionings (including Ident and Frequency) Frequency changes Changes in monitoring facility and/or status Restrictions Outages (with effective dates)
Airport Traffic Control Towers	Commissionings (including frequencies) Hours of operation Decommissionings
Flight Service Stations	Commissionings Decommissionings Hours of operation Commissionings/Decommissionings of RCOs Changes in monitoring status of RCOs Outages of RCOs (with effective dates)
Weather	AWOS (system and frequency)

Section 2. AIRPORTS / FACILITIES / & PROCEDURAL NOTAMS

ALABAMA

ANNISTON

Anniston Rgnl

FDC 6/7848 ANB ODP ANNISTON RGNL, ANNISTON, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6A...TAKEOFF MINIMUMS: RWY 5, STANDARD WITH MINIMUM CLIMB OF 225 FEET PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED.
1610121500-1705241500EST.

BIRMINGHAM

Birmingham-Shuttlesworth Intl

FDC 7/0397 BHM IAP
BIRMINGHAM-SHUTTLESWORTH INTL,
BIRMINGHAM, AL. RNAV (GPS) Y RWY 6, AMDT
1A...ALTERNATE MINS STANDARD EXCEPT: CAT D
900-2 1/4. 1701032123-1708152123EST.

FDC 6/8300 BHM IAP
BIRMINGHAM-SHUTTLESWORTH INTL,
BIRMINGHAM, AL. RNAV (RNP) Z RWY 6,
ORIG-A...RNP 0.30 DA 1138 HAT 532. CHANGE
TERMINAL ROUTE TO READ AYUCE (IF) TO CEWFA
196/2.5. CHANGE BARO-VNAV NOTE TO READ: FOR
UNCOMPENSATED BARO-VNAV SYSTEMS,
PROCEDURE NA BELOW -8C (17F) OR ABOVE 47C
(117F). DISREGARD NOTE: NA WHEN LOCAL
WEATHER NOT AVAILABLE.
1612071852-1707191852EST.

FDC 6/2836 BHM IAP
BIRMINGHAM-SHUTTLESWORTH INTL,
BIRMINGHAM, AL. RNAV (GPS) RWY 18, AMDT
1A...NOTE: RWY 18 HELICOPTER VISIBILITY
REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
DISREGARD NOTE: VISIBILITY REDUCTION BY
HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI
INOP, PROCEDURE NA AT NIGHT.
1610041630-1705161630EST.

BRIDGEPORT

North Jackson Nursing Home

FDC 6/2469 10AL SPECIAL NORTH JACKSON
NURSING HOME, BRIDGEPORT, AL. COPTER RNAV
244, ORIG...IFR DEPARTURE NA.
1611031708-1706151708EST.

COURTLAND

Courtland

FDC 6/3682 9A4 ODP COURTLAND, COURTLAND,
AL. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 2...DEPARTURE
PROCEDURE CHANGE ALL REFERENCES FROM
RWY 17/35 TO RWY 18/36. ALL OTHER DATA
REMAINS AS PUBLISHED.
1610201232-1706011232EST.

ENTERPRISE

Enterprise Muni

FDC 6/1525 EDN IAP ENTERPRISE MUNI,
ENTERPRISE, AL. RNAV (GPS) RWY 5, AMDT
1A...NOTE: NIGHT LANDING: RWY 23 NA.
1611202044-1707022043EST.

FDC 6/1523 EDN IAP ENTERPRISE MUNI,
ENTERPRISE, AL. VOR RWY 5, AMDT 4A...NOTE:
NIGHT LANDING: RWY 23 NA.
1611202042-1707022042EST.

FORT PAYNE

Dekalb Rgnl Medical Center

FDC 6/2471 0AL4 SPECIAL DEKALB RGNL MEDICAL
CENTER, FORT PAYNE, AL. COPTER RNAV 203,
ORIG...IFR DEPARTURE NA.
1611031710-1706151710EST.

FDC 1/2867 0AL4 FI/T SPECIAL BAPTIST MEDICAL
CENTER, FORT PAYNE, AL. (SPECIAL) COPTER RNAV
203, ORIG.MISSED APPROACH: CLIMBING RIGHT
TURN TO 4000 DIRECT XOLEW WP AND HOLD.

GULF SHORES

Jack Edwards

FDC 7/7311 JKA IAP JACK EDWARDS, GULF
SHORES, AL. RNAV (GPS) RWY 9, AMDT
3A...LNAV/VNAV DA 284/HAT 268, VIS 1 ALL CATS.
1701242147-1709052147EST.

GUNTERSVILLE

Guntersville Muni - Joe Starnes Field

FDC 6/1145 8A1 ODP GUNTERSVILLE MUNI - JOE
STARNES FIELD, GUNTERSVILLE, AL. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY
3, 7, 21, 25, NA. 1611201520-1707021520EST.

FDC 6/1143 8A1 IAP GUNTERSVILLE MUNI - JOE
STARNES FIELD, GUNTERSVILLE, AL. GPS-A,
ORIG...PROCEDURE NA. 1611201519-1707021519EST.

HEADLAND

Headland Muni

FDC 7/4288 0J6 IAP HEADLAND MUNI, HEADLAND, AL. RNAV (GPS) RWY 27, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 17, 27, AND 35 NA. NOTE: NIGHT LANDING: RWY 27 NA. NOTE: CIRCLING NA TO RWYS 17 AND 35. 1701132120-1708252120EST.

FDC 7/4286 0J6 ODP HEADLAND MUNI, HEADLAND, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 17, 35 NA. RWY 9, 27 STANDARD. ALL OTHER DATA REMAINS AS PUBLISHED. 1701132119-1708252119EST.

FDC 7/4284 0J6 IAP HEADLAND MUNI, HEADLAND, AL. RNAV (GPS) RWY 9, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 17, 27, AND 35 NA. NOTE: CIRCLING RWY 27 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 17 AND 35. 1701132118-1708252118EST.

HUNTSVILLE

Huntsville Intl-Carl T Jones Field

FDC 6/5470 HSV IAP HUNTSVILLE INTL-CARL T JONES FIELD, HUNTSVILLE, AL. RNAV (GPS) RWY 36R, AMDT 1A...LPV DA 820/HAT 225 ALL CATS. 1612291841-1708101841EST.

LANETT

Lanett Muni

FDC 6/6343 7A3 IAP LANETT MUNI, LANETT, AL. VOR/DME OR GPS-A, AMDT 2A...CIRCLING CAT B MDA 1260/HAA 636. TOWER 860 MSL 1.40 NM NE OF RWY 26. 1610100253-1705220252EST.

MOBILE

Mobile Rgnl

FDC 7/4027 MOB ODP MOBILE RGNL, MOBILE, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...NOTE: RWY 18, TREE 1642 FT FROM DER, 507 FT LEFT OF CENTERLINE, 269 FT MSL. TREE 1681 FT FROM DER, 85 FT RIGHT OF CENTERLINE, 271 FT MSL. TREES, BEGINNING 1719 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 278 FT MSL. TREE 1860 FT FROM DER, 642 FT LEFT OF CENTERLINE, 272 FT MSL. TREES, BEGINNING 1966 FT FROM DER, 128 FT LEFT OF CENTERLINE, UP TO 278 FT MSL. TREE 2074 FT FROM DER, 524 FT RIGHT OF CENTERLINE, 283 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122340-1708242340EST.

MONROEVILLE

Monroe County

FDC 6/4767 MVC IAP MONROE COUNTY, MONROEVILLE, AL. VOR RWY 3, AMDT 10A...FONGU FIX MINIMUMS CIRCLING CAT A MDA 860/HAA 441. 1611301717-1707121717EST.

MUSCLE SHOALS

Northwest Alabama Rgnl

FDC 6/7194 MSL IAP NORTHWEST ALABAMA RGNL, MUSCLE SHOALS, AL. VOR/DME RWY 11, AMDT 6A...DISREGARD NOTE: CIRCLING NA AT NIGHT TO RWY 18. 1609061214-1704181214EST.

FDC 6/7193 MSL IAP NORTHWEST ALABAMA RGNL, MUSCLE SHOALS, AL. ILS Y OR LOC/DME Y RWY 29, ORIG-A...ILS Z OR LOC/DME Z RWY 29, AMDT 6A...RNAV (GPS) RWY 11, AMDT 2A...RNAV (GPS) RWY 29, AMDT 2A...RNAV (GPS) RWY 36, AMDT 1A...DISREGARD NOTE: CIRCLING TO RWY 18 NA AT NIGHT. 1609061214-1704181214EST.

FDC 6/7192 MSL IAP NORTHWEST ALABAMA RGNL, MUSCLE SHOALS, AL. RNAV (GPS) RWY 18, AMDT 1A...DISREGARD NOTE: RWY 18 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1609061214-1704181214EST.

OZARK

Blackwell Field

FDC 7/4524 71J ODP BLACKWELL FIELD, OZARK, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 31, TRANSMISSION LINE 146 FT FROM DER, 454 FT LEFT OF CENTERLINE, 52 FT AGL/423 FT MSL. TRANSMISSION LINE 336 FT FROM DER, 480 FT LEFT OF CENTERLINE, 57 FT AGL/427 FT MSL. 1701141952-1708261952EST.

PELL CITY

St Clair County

FDC 6/5192 PLR IAP ST CLAIR COUNTY, PELL CITY, AL. RNAV (GPS) RWY 3, AMDT 2C...LNAV MDA NA. DISREGARD NOTE: RWY 3 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612272225-1708082225EST.

PRATTVILLE

Prattville - Grouby Field

FDC 6/9113 1A9 ODP PRATTVILLE - GROUBY FIELD, PRATTVILLE, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 27, 400-2 1/2. ALL OTHER DATA REMAINS AS PUBLISHED. 1610131422-1705251422EST.

SCOTTSBORO

Jackson County Hospital

FDC 6/2482 03AL SPECIAL JACKSON COUNTY HOSPITAL, SCOTTSBORO, AL. COPTER RNAV 249, ORIG...IFR DEPARTURE NA. 1611031711-1706151711EST.

Scottsboro Muni-Word Field

FDC 6/6337 4A6 IAP SCOTTSBORO MUNI-WORD FIELD, SCOTTSBORO, AL. RNAV (GPS) RWY 4, ORIG...DESCENT ANGLE 3.05/TCH 40 NA.. 1610100247-1705220247EST.

FDC 6/6335 4A6 IAP SCOTTSBORO MUNI-WORD FIELD, SCOTTSBORO, AL. RNAV (GPS) RWY 22, ORIG...DESCENT ANGLE 3.05/TCH 40 NA.. 1610100245-1705220245EST.

THEODORE

Petroleum Helicopters Inc

FDC 7/4544 AL67 SPECIAL PETROLEUM HELICOPTERS INC, THEODORE, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES. ORIG...TEXTUAL DEPARTURE PROCEDURE NA. 1701142026-1708262026EST.

TUSCALOOSA

Tuscaloosa Rgnl

FDC 7/8815 TCL ODP TUSCALOOSA RGNL, TUSCALOOSA, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...NOTE: RWY 30, ANTENNA 3961 FT FROM DER, 1118 FT LEFT OF CENTERLINE, 139 FT AGL/301 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701291624-1709101624EST.

FDC 7/0289 TCL IAP TUSCALOOSA RGNL, TUSCALOOSA, AL. ILS OR LOC RWY 4, AMDT 14F...RADAR OR ADF REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2500 DIRECT OKW VORTAC AND HOLD, LDK VOR OUT OF SERVICE. 1702021441-1704301441EST.

FDC 6/9882 TCL IAP TUSCALOOSA RGNL, TUSCALOOSA, AL. ILS OR LOC RWY 4, AMDT 14F...TERMINAL ROUTE FROM MOVIL INT TO TC LOM NA. TERMINAL ROUTE FROM EUTAW INT TO TC LOM NA. 1609281857-1705101857EST.

VERNON

Lamar County

FDC 7/6633 M55 IAP LAMAR COUNTY, VERNON, AL. RNAV (GPS) RWY 35, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1701222118-1709032118EST.

ALASKA

ADAK ISLAND

Adak

FDC 6/2510 ADK SPECIAL ADAK, ADAK ISLAND, AK. ILS OR LOC/DME RWY 23, AMDT 2...S-ILS 23 NA. S-LOC 23 MDA 480/HAT 463 ALL CATS. 1611031724-1706151724EST.

AMBLER

Ambler

FDC 7/0728 AFM IAP AMBLER, AMBLER, AK. RNAV (GPS) RWY 1, AMDT 1...MINIMUM ALTITUDE AT RONYE (IF/IAF) 3600.. NOTAM EFFECTIVE TIME: 1701050901Z. 1701041840-1708160300EST.

ANCHORAGE

Merrill Field

FDC 7/4298 MRI IAP MERRILL FIELD, ANCHORAGE, AK. RNAV (GPS)-A, AMDT 1...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: RWY 16, HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. 1701132127-1708252127EST.

Ted Stevens Anchorage Intl

FDC 7/2127 ANC IAP TED STEVENS ANCHORAGE INTL, ANCHORAGE, AK. RNAV (GPS) Y RWY 7R, AMDT 4C...NOTE: DISREGARD EXPANDED CIRCLING APPROACH MANEUVERING RADIUS ICON. 1702072240-1709192240EST.

FDC 7/2123 ANC IAP TED STEVENS ANCHORAGE INTL, ANCHORAGE, AK. RNAV (GPS) RWY 15, AMDT 2C...LNAV/VNAV DA 404/HAT 253 ALL CATS. 1702072237-1709192237EST.

FDC 6/8992 ANC STAR TED STEVEN ANCHORAGE INTERNATIONAL AIRPORT, ANCHORAGE AK. AMOTT ONE...NONDA TRANSITION: NOT AUTHORIZED. 1602252300-1702252359.

FDC 6/2980 ANC STAR TED STEVENS ANCHORAGE INTERNATIONAL AIRPORT, ANCHORAGE, AK. NEELL FOUR...ADD CROSS NEELL AT OR ABOVE 5000FT. 1607082030-1707012045.

FDC 6/0291 ANC STAR TED STEVEN ANCHORAGE INTERNATIONAL AIRPORT, ANCHORAGE AK. WITTI TWO...ADD CROSS SILTY AT OR ABOVE 6500FT. 1607012045-1707012045.

ATQASUK

Atqasuk Edward Burnell Sr Memorial

FDC 6/8570 ATK IAP ATQASUK EDWARD BURNELL SR MEMORIAL, ATQASUK, AK. RNAV (GPS) RWY 6, AMDT 1A...TERMINAL ROUTE NUYIR (IAF) TO DUVFU (NO PT) (IF/IAF) MINIMUM ALTITUDE 3500. TERMINAL ROUTE FIBAK (IAF) TO DUVFU (NO PT) (IF/IAF) MINIMUM ALTITUDE 3500. HOLD-IN-LIEU MINIMUM ALTITUDE 3500. TAA LEFT BASE 151/30 CW 240/30 TO FIBAK MINIMUM ALTITUDE 3500. TAA RIGHT BASE 330/30 CCW 240/30 TO NUYIR MINIMUM ALTITUDE 3500. TAA STRAIGHT-IN 330/30 CW 151/30 TO DUVFU MINIMUM ALTITUDE 3500. MISSED APPROACH: CLIMB TO 3500 DIRECT ENSUW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500. 1612072157-1707192157EST.

FDC 6/8568 ATK IAP ATQASUK EDWARD BURNELL SR MEMORIAL, ATQASUK, AK. RNAV (GPS) RWY 24, AMDT 1A...MISSED APPROACH: CLIMB TO 3500 DIRECT DUVFU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500. TERMINAL ROUTE UVARE (IAF) TO ENSUW (NO PT) (IF/IAF) MINIMUM ALTITUDE 3500. TERMINAL ROUTE AXUNE (IAF) TO ENSUW (NO PT) (IF/IAF) MINIMUM ALTITUDE 3500. HOLD-IN-LIEU MINIMUM ALTITUDE 3500. TAA LEFT BASE 332/30 CW 062/30 TO UVARE MINIMUM ALTITUDE 3500. TAA RIGHT BASE 152/30 CCW 062/30 TO AXUNE MINIMUM ALTITUDE 3500. TAA STRAIGHT-IN 152/30 CW 332/30 TO ENSUW MINIMUM ALTITUDE 3500. 1612072156-1707192156EST.

FDC 6/8566 ATK IAP ATQASUK EDWARD BURNELL SR MEMORIAL, ATQASUK, AK. NDB RWY 6, AMDT 2B...PROFILE VIEW: PROCEDURE TURN OUTBOUND ATK NDB MINIMUM ALTITUDE 3500. TERMINAL ROUTE MEAD/BRW 40.00 DME TO ATK NDB MINIMUM ALTITUDE 3500. MISSED APPROACH: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3500 DIRECT ATK NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500. 1612072154-1707192154EST.

CHALKYITSIK

Chalkyitsik

FDC 6/0943 CIK IAP CHALKYITSIK, CHALKYITSIK, AK. RNAV (GPS) RWY 21, ORIG-A...RNAV (GPS) RWY 3, ORIG-A...LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1611191840-1707011840EST.

COLD BAY

Cold Bay

FDC 7/0375 CDB ODP COLD BAY, COLD BAY, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TEXTUAL DEPARTURE PROCEDURE TAKEOFF MINIMUMS: RWY 26, 900-2 3/4. CHANGE NOTE: RWY 26, RISING TERRAIN BEGINNING 1.6 NM FROM DER, 1808 FT LEFT OF CENTERLINE, UP TO 942 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032109-1708152109EST.

CORDOVA

Merle K (Mudhole) Smith

FDC 6/4083 CDV ODP MERLE K (MUDHOLE) SMITH, CORDOVA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKEOFF MINIMUMS: RWY 27, STANDARD WITH CLIMB OF 283 FT PER NM TO 4300. NOTE: RWY 27 ADF REQUIRED AND DO NOT EXCEED 210 KIAS UNTIL ESTABLISHED ON 202.30 BEARING FROM GCR NDB. NOTE: RWY 9 DME REQUIRED. ALL OTHER DATA REMAINS THE SAME. 1612202116-1708012116EST.

DEADHORSE

Central Pad

FDC 6/2916 AA03 SPECIAL CENTRAL PAD, DEADHORSE, AK. COPTER RNAV (GPS) 027, ORIG...PROCEDURE NA. 1608261743-1704071743EST.

DILLINGHAM

Dillingham

FDC 7/4296 DLG IAP DILLINGHAM, DILLINGHAM, AK. RNAV (GPS) RWY 1, AMDT 2C...VOR RWY 1, AMDT 9C...DISREGARD NOTE: CIRCLING TO RWY 19 NA AT NIGHT. 1701132126-1708252126EST.

EEK

Eek

FDC 6/3626 EEK IAP EEK, EEK, AK. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...LNAV MINIMA NA. 1610201203-1706011203EST.

EMMONAK

Emmonak

FDC 7/8476 ENM IAP EMMONAK, EMMONAK, AK. VOR RWY 16, AMDT 1A...ALTERNATE MINIMUMS NA, ENM VOR/DME UNMONITORED. 1701271454-1709081454EST.

FAIRBANKS

Fairbanks Intl

FDC 7/9717 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. VOR/DME OR TACAN RWY 20R, ORIG...S-20R MDA 1060/ HAT 621 ALL CATS, VISIBILITY CATS D/E 2. CIRCLING CATS A/B/C/D MDA 1060/ HAA 621, VISIBILITY CAT C 1 3/4. VDP AT FAI 6.37 DME; DISTANCE VDP TO THLD 1.76 MILES. TEMPORARY CRANE 756 MSL 1.65NM NORTHEAST OF RWY 20R (2016-AAL-416-OE). 1702011532-1709131532EST.

FDC 7/9716 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. RNAV (GPS) Y RWY 20R, AMDT 1A...LNAV/VNAV DA 1206/ HAT 767 ALL CATS, VISIBILITY ALL CATS 2 1/4. LNAV MDA 1060/ HAT 621 ALL CATS, VISIBILITY CATS C/D 1 3/8. CIRCLING MDA 1060/ HAA 621 ALL CATS. VDP 1.71NM TO RWY 20R. TEMPORARY CRANE 756 MSL 1.65NM NORTHEAST OF RWY 20R (2016-AAL-416-OE). 1702011532-1709131532EST.

FDC 7/9715 FAI ODP FAIRBANKS INTL, FAIRBANKS, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKEOFF MINIMUMS: RWY 2L, 400-2 OR STANDARD WITH A MINIMUM CLIMB OF 306FT PER NM TO 2600. ADD NOTE: RWY 2L, TEMPORARY CRANE 1.57NM FROM DER, 3018FT LEFT OF CENTERLINE, 310FT AGL/ 756FT MSL (2016-AAL-416-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1702011532-1709131532EST.

FDC 7/9714 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. RNAV (RNP) Z RWY 20R, ORIG-A...RNP 0.30 DA 1140/ HAT 701 ALL CATS, VISIBILITY ALL CATS 2. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 7/8 MILE, INCREASE RNP 0.22 ALL CATS VISIBILITY TO 1 1/8 MILE, AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 1/2 MILE. TEMPORARY CRANE 756 MSL 1.65NM NORTHEAST OF RWY 20R (2016-AAL-416-OE). 1702011532-1709131532EST.

FDC 7/9713 FAI SID FAIRBANKS INTL, FAIRBANKS, AK. MCKINLEY ONE DEPARTURE...TAKEOFF MINIMUMS: RWY 2L, 400-2 OR STANDARD WITH A MINIMUM CLIMB OF 306FT PER NM TO 2000. ADD TAKEOFF OBSTACLE NOTE: RWY 2L, TEMPORARY CRANE 1.57NM FROM DER, 3018FT LEFT OF CENTERLINE, 310FT AGL/ 756FT MSL (2016-AAL-416-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1702011532-1709131532EST.

FDC 7/0288 FAI SID FAIRBANKS INTL, FAIRBANKS, AK. GALENA FIVE DEPARTURE...TAKEOFF MINIMUMS: RWY 2L, 400-2 OR STANDARD WITH A MINIMUM CLIMB OF 306FT PER NM TO 2200. ADD TAKEOFF OBSTACLE NOTE: RWY 2L, TEMPORARY CRANE 1.57NM FROM DER, 3018FT LEFT OF CENTERLINE, 310FT AGL/ 756FT MSL (2016-AAL-416-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701031702-1708151702EST.

FDC 6/6763 FAI IAP FAIRBANKS INTL, FAIRBANKS, AK. RNAV (RNP) Z RWY 20R, ORIG-A...RNAV (RNP) Z RWY 2L, ORIG-A...PROCEDURE NA. 1609021502-1704141501EST.

FDC 6/2979 FAI STAR FAIRBANKS INTERNATIONAL AIRPORT, FAIRBANKS, AK. LIBER TWO...ADD CROSS LIBER AT OR ABOVE 8900FT. 1607082030-1707012045.

FDC 6/1241 FAI STAR FAIRBANKS INTERNATIONAL AIRPORT, FAIRBANKS, AK. LIBER TWO CHANGE LOST COMMUNICATIONS RWY 02L. AFTER CILAX FLY HEADING 020 TO JOIN RWY 02L LOCALIZER, CLEARED ILS OR LOC RWY 02L. IF UNABLE, PROCEED DIRECT FAI VORTAC AND HOLD, MAINTAIN 5000FT. 1605261710-PERM.

GAMBELL

Gambell

FDC 6/7059 GAM IAP GAMBELL, GAMBELL, AK. NDB/DME RWY 34, AMDT 2B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. GAM DME OUT OF SERVICE. 1611131738-1706251738EST.

FDC 6/7057 GAM IAP GAMBELL, GAMBELL, AK. NDB RWY 16, AMDT 1B...DME MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. GAM DME OUT OF SERVICE. 161131738-1706251738EST.

HAINES

Haines

FDC 6/1160 HNS SPECIAL HAINES, HAINES, AK. GUMLE THREE DEPARTURE (RNAV)...MINIMUM HOLDING ALTITUDE AT GUMLE 4000. 1610171250-1705291250EST.

HOLY CROSS

Holy Cross

FDC 6/0941 HCA IAP HOLY CROSS, HOLY CROSS, AK. RNAV (GPS) RWY 1, ORIG-B...RNAV (GPS) RWY 19, ORIG-B...NOTE: PROCEDURE NA AT NIGHT.. 1611191839-1707011839EST.

HOOPER BAY

Hooper Bay

FDC 7/9048 HPB IAP HOOPER BAY, HOOPER BAY, AK. VOR/DME RWY 31, ORIG-C...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HPB DME OUT OF SERVICE. 1701301505-1703311504EST.

FDC 6/9148 HPB IAP HOOPER BAY, HOOPER BAY, AK. RNAV (GPS) RWY 13, AMDT 1B...NOTE: CIRCLING RWY 31 NA AT NIGHT. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1612081633-1707201633EST.

FDC 6/9146 HPB IAP HOOPER BAY, HOOPER BAY, AK. VOR/DME RWY 31, ORIG-C...NOTE: STRAIGHT-IN RWY 31 NA AT NIGHT. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1612081633-1707201633EST.

FDC 6/9144 HPB IAP HOOPER BAY, HOOPER BAY, AK. RNAV (GPS) RWY 31, AMDT 1B...NOTE: STRAIGHT-IN RWY 31 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 NA AT NIGHT. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1612081633-1707201633EST.

JUNEAU

Juneau Intl

FDC 6/4085 JNU SID JUNEAU INTL, JUNEAU, AK. JUNEAU (OBSTACLE) FIVE DEPARTURE...LEVEL ISLAND TRANSITION,SUMNER STRAIT TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 1612202119-1708012119EST.

FDC 5/9024 JNU SID JUNEAU INTL, JUNEAU, AK. JUNEAU (OBSTACLE) FIVE DEPARTURE...LEVEL ISLAND TRANSITION,SUMNER STRAIT TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261144-1602221144EST.

KAKE

Kake

FDC 7/0619 AFE IAP KAKE, KAKE, AK. NDB/DME RWY 11, AMDT 1...RNAV (GPS) RWY 11, ORIG...NOTE: CIRCLING RWY 29 NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. 1701041604-1708161603EST.

KENAI

Kenai Muni

FDC 7/9573 ENA IAP KENAI MUNI, KENAI, AK. RNAV (GPS) RWY 20R, AMDT 3...DELETE NOTE: NIGHT LANDING: RWY 2L, 20R NA. CHART NOTE: CIRCLING RWY 2R, 20L NA AT NIGHT.. THIS IS RNAV (GPS) RWY 20R, AMDT 3A. 1702011400-PERM.

KIANA

Bob Baker Memorial

FDC 6/8688 IAN IAP BOB BAKER MEMORIAL, KIANA, AK. RNAV (GPS) RWY 24, ORIG-A...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELAWIK ALTIMETER SETTING. 1612072304-1707192304EST.

FDC 6/8686 IAN IAP BOB BAKER MEMORIAL, KIANA, AK. RNAV (GPS) RWY 6, ORIG-C...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SELAWIK ALTIMETER SETTING. 1612072303-1707192303EST.

KING SALMON

King Salmon

FDC 6/1532 AKN IAP KING SALMON, KING SALMON, AK. ILS OR LOC/DME RWY 12, AMDT 18A...CHANGE AUTOPILOT NOTE TO READ: AUTOPILOT COUPLED APPROACH NA BELOW 700. 1611202049-1707022049EST.

KIPNUK

Kipnuk

FDC 5/9101 IIK IAP KIPNUK, KIPNUK, AK. RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 33, ORIG...PROCEDURE NA. 1508261202-1602221201EST.

KLAWOCK

Klawock

FDC 6/8452 AKW IAP KLAWOCK, KLAWOCK, AK. NDB/DME RWY 2, AMDT 1C...NOTE: CIRCLING RWY 20 NA AT NIGHT. NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1612072124-1707192124EST.

FDC 6/8450 AKW IAP KLAWOCK, KLAWOCK, AK. RNAV (GPS) RWY 2, ORIG-C...NOTE: CIRCLING RWY 20 NA AT NIGHT. NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. . DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1612072122-1707192122EST.

KODIAK

Kodiak

FDC 7/1353 ADQ IAP KODIAK, KODIAK, AK. ILS Y OR LOC Y RWY 26, AMDT 3A...VOR RWY 26, AMDT 3...ALTERNATE MINIMUMS NA, ODK VOR/DME UNMONITORED. 1702061526-1709181526EST.

KOTLIK

Kotlik

FDC 7/4300 2A9 IAP KOTLIK, KOTLIK, AK. RNAV (GPS) RWY 2, ORIG-C...NOTE: CIRCLING RWY 20 NA AT NIGHT. NOTE: RWY 20: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1701132129-1708252129EST.

KOYUK

Koyuk Alfred Adams

FDC 7/0131 KKA IAP KOYUK ALFRED ADAMS, KOYUK, AK. NDB RWY 1, AMDT 1C...COKLU FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, KKA DME OUT OF SERVICE. 1702020644-1703040643EST.

KWETHLUK

Kwethluk

FDC 6/3756 KWT IAP KWETHLUK, KWETHLUK, AK. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA ALL CATS 620/HAA 595, LNAV CAT C VISIBILITY 1 3/4. CIRCLING MDA CATS A AND B 680/HAA 655. DISREGARD NOTE: NIGHT LANDING: RWY 36 CAT C AND D NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1610201311-1706011311EST.

FDC 6/3754 KWT IAP KWETHLUK, KWETHLUK, AK. RNAV (GPS) RWY 36, ORIG-A...CIRCLING MDA CATS A AND B 680/HAA 655.. DISREGARD NOTE: NIGHT LANDING: RWY 36 CAT C AND D NA. 1610201309-1706011309EST.

MANOKOTAK

Manokotak

FDC 6/1501 MBA IAP MANOKOTAK, MANOKOTAK, AK. RNAV (GPS) RWY 21, ORIG...RNAV (GPS) RWY 3, ORIG...LNAV MINIMA NA CIRCLING CAT A MDA 540/HAA 433, CATS B/C/D MDA 820/HAA 713, VISIBILITY CAT C 2, CAT D 2 1/4. AIRPORT ELEVATION, 107. 1611202031-1707022031EST.

MEKORYUK

Mekoryuk

FDC 6/1534 MYU IAP MEKORYUK, MEKORYUK, AK. RNAV (GPS) RWY 23, ORIG...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 28). 1611202051-1707022051EST.

NIKOLAI

Nikolai

FDC 6/1805 FSP IAP NIKOLAI, NIKOLAI, AK. RNAV (GPS) RWY 22, ORIG...RNAV (GPS) RWY 4, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1610031330-1705151330EST.

NONDALTON

Nondalton

FDC 6/2577 5NN IAP NONDALTON, NONDALTON, AK. RNAV (GPS) RWY 2, ORIG...NOTE: NIGHT LANDING: RWY 2 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: CIRCLING TO RWY 20 NA AT NIGHT.. 1611031758-1706151758EST.

PALMER

Palmer Muni

FDC 6/2780 PAQ IAP PALMER MUNI, PALMER, AK. RNAV (GPS)-A, ORIG-A...CIRCLING CAT B MDA 900/HAA 652, CAT C MDA 940/HAA 692, CAT D MDA 960/HAA 712. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING: INCREASE CIRCLING CAT C/D VISIBILITY 1/4 SM. 1612152140-1707132140EST.

FDC 6/2779 PAQ IAP PALMER MUNI, PALMER, AK. RNAV (GPS) RWY 9, AMDT 1B...CIRCLING CAT B MDA 900/HAA 652, CAT C MDA 940/HAA 692, CAT D MDA 960/HAA 712. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING: INCREASE ALL MDAS 60 FEET AND INCREASE LP AND LNAV CAT C AND D VISIBILITY 1/8 SM AND CIRCLING CAT C AND D VISIBILITY 1/4 SM. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612152140-1707132140EST.

RUSSIAN MISSION

Russian Mission

FDC 6/7863 RSH IAP RUSSIAN MISSION, RUSSIAN MISSION, AK. RNAV (GPS) RWY 17, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: RWY 17, 35, HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: CIRCLING RWY 35 NA AT NIGHT.. 1609261211-1705081208EST.

FDC 6/7857 RSH IAP RUSSIAN MISSION, RUSSIAN MISSION, AK. RNAV (GPS) RWY 35, ORIG-B...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING, RWY 35 NA AT NIGHT.. 1609261207-1705081206EST.

SAVOONGA

Savoonga

FDC 7/6371 SVA ODP SAVOONGA, SAVOONGA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ULL VOR/DME OUT OF SERVICE. 1701202035-1702212035EST.

SCAMMON BAY

Scammon Bay

FDC 6/2884 SCM IAP SCAMMON BAY, SCAMMON BAY, AK. RNAV (GPS) RWY 28, AMDT 1A...PROCEDURE NA. 1611271607-1707091607EST.

FDC 5/4065 SCM IAP SCAMMON BAY, SCAMMON BAY, AK. RNAV (GPS) RWY 28, AMDT 1A...PROCEDURE NA. 1509021720-1602291720EST.

SELAWIK

Selawik

FDC 6/8427 WLK IAP SELAWIK, SELAWIK, AK. RNAV (GPS) RWY 27, ORIG-A...RNAV (GPS) RWY 4, ORIG-C...RNAV (GPS) Y RWY 22, ORIG-C...RNAV (GPS) Z RWY 22, ORIG-B...VOR RWY 22, AMDT 1B...VOR RWY 4, AMDT 1B...NOTE: NIGHT LANDING RWY 9, 27 NA. NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612072113-1707192113EST.

FDC 6/0784 WLK IAP SELAWIK, SELAWIK, AK. VOR RWY 4, AMDT 1B...EXUME FIX MINIMUMS NA.. 1612122135-1707242135EST.

SHEMYA

Eareckson As

FDC 7/2072 SYA IAP U.S. DOD EARECKSON AS, SHEMYA, AK. ILS OR LOC/DME RWY 28, AMDT 4...AUTOPILOT COUPLED APPROACH NA BELOW 300. 1702072125-1709192125EST.

SHISHMAREF

Shishmaref

FDC 6/0587 SHH IAP SHISHMAREF, SHISHMAREF, AK. RNAV (GPS) RWY 23, ORIG...RNAV (GPS) RWY 5, ORIG...CIRCLING CAT A MDA 440/ HAA 428. WIND TURBINE 71 MSL 5346FT NORTHEAST OF PASH AIRPORT (2016-WTW-3156-OE). 1610141734-1705261734EST.

SHUNGNAK

Shungnak

FDC 6/3768 SHG IAP SHUNGNAK, SHUNGNAK, AK. RNAV (GPS) RWY 9, AMDT 2A...LNAV MINIMA NA. 1610201317-1706011317EST.

SOLDOTNA

Soldotna

FDC 7/0422 SXQ IAP SOLDOTNA, SOLDOTNA, AK. VOR/DME-A, AMDT 7F...ALTERNATE MINIMUMS: CATS A/B 1000-2, CAT C 1000-2 3/4, CAT D 1000-3.. 1701032143-1708152143EST.

SOUTH NAKNEK

South Naknek Nr 2

FDC 7/4305 WSN IAP SOUTH NAKNEK NR 2, SOUTH NAKNEK, AK. RNAV (GPS) RWY 13, ORIG...NOTE: CIRCLING RWY 5 NA AT NIGHT. NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1701132133-1708252133EST.

FDC 7/4303 WSN IAP SOUTH NAKNEK NR 2, SOUTH NAKNEK, AK. RNAV (GPS) RWY 31, ORIG...NOTE: CIRCLING RWY 5 NA AT NIGHT. NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 5, 13 NA.. 1701132131-1708252131EST.

ST MARY'S

St Mary's

FDC 6/0314 KSM ODP ST MARY S, ST MARY S, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...RWY 06, 500-1 1/2. RWY 17, 24, 35 200-1.. 1610141515-1705261515EST.

ST PAUL ISLAND

St Paul Island

FDC 7/4062 SNP IAP ST PAUL ISLAND, ST PAUL ISLAND, AK. ILS OR LOC/DME RWY 36, AMDT 3B...LOC/DME BC RWY 18, AMDT 4B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SPY NDB OUT OF SERVICE. 1701130936-1702130936EST.

TANANA

Ralph M Calhoun Memorial

FDC 6/4090 TAL ODP RALPH M CALHOUN MEMORIAL, TANANA, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 25 - STANDARD WITH MINIMUM CLIMB OF 249 FEET PER NM TO 600, OR 1200- 2 1/2 FOR CLIMB IN VISUAL CONDITIONS. NOTE: TREE LOCATED 6581 FEET FROM DER, 2088 FEET RIGHT OF CENTERLINE, 440 FEET MSL/57 FEET AGL.. 1612202121-1708012121EST.

UNALAKLEET

Unalakleet

FDC 6/0765 UNK IAP UNALAKLEET, UNALAKLEET, AK. RNAV (GPS)-A, ORIG-A...VOR/DME-D, AMDT 5A...CIRCLING MDA 660/HAA 633, VIS CAT C 1 3/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST MICHAEL ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE CIRCLING CAT C/D VISIBILITY 1/2 MILE. 1612122127-1707242127EST.

FDC 6/0763 UNK IAP UNALAKLEET, UNALAKLEET, AK. LOC/DME RWY 15, AMDT 4A...CIRCLING MDA 660/HAA 633, VIS CAT C 1 3/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST MICHAEL ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE S-15 CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/2 MILE. 1612122126-1707242126EST.

FDC 6/0761 UNK ODP UNALAKLEET, UNALAKLEET, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKEOFF MINIMUMS: RWY 15 NA - OBSTACLES. ALL OTHER DATA REMAINS AS PUBLISHED. 1612122124-1707242124EST.

FDC 6/0759 UNK IAP UNALAKLEET, UNALAKLEET, AK. RNAV (GPS) Y RWY 33, ORIG-B...LNAV MDA 600/HAT 575 ALL CATS, VIS CAT C/D 1 5/8. CIRCLING MDA 660/HAA 633, VIS CAT C 1 3/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST MICHAEL ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITIES 1/2 MILE. 1612122122-1707242122EST.

FDC 6/0756 UNK IAP UNALAKLEET, UNALAKLEET, AK. RNAV (GPS) Z RWY 33, ORIG-A...LP MDA 600/HAT 575 ALL CATS, VIS CAT C/D 1 5/8. CIRCLING MDA 660/HAA 633 ALL CATS, VIS CAT C 1 3/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST MICHAEL ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE LP CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/2 MILE. 1612122120-1707242120EST.

UNALASKA

Unalaska

FDC 7/9121 DUT SPECIAL UNALASKA, UNALASKA, AK. NDB/DME OR GPS - D, ORIG...NDB/DME OR GPS - C, AMDT 2...ADD FIVE DEGREES TO ALL PUBLISHED HEADINGS, COURSES AND BEARINGS. 1701301906-1709111905EST.

VALDEZ

Valdez Pioneer Field

FDC 7/4312 VDZ IAP VALDEZ PIONEER FIELD, VALDEZ, AK. LDA/DME-H, AMDT 2A...DISREGARD NOTE: PROCEDURE NA AT NIGHT.. 1701132143-1708252143EST.

WRANGELL

Wrangell

FDC 6/5867 WRG ODP WRANGELL, WRANGELL, AK. LEVEL ISLAND TWO DEPARTURE...HOLDING AT LVD VOR/DME, HOLD SE, RT 308.29, INBOUND. ALL OTHER DATA REMAINS AS PUBLISHED. 1612021749-1707141749EST.

FDC 6/5864 WRG IAP WRANGELL, WRANGELL, AK. LDA/DME-C, AMDT 8...LDA/DME-D, AMDT 7...NOTE: MISSED APPROACH HOLDING: HOLD SE, RT, 308.29, INBOUND. 1612021749-1707141749EST.

ARIZONA

BULLHEAD CITY

Laughlin/Bullhead Intl

FDC 6/6568 IFP IAP LAUGHLIN/BULLHEAD INTL, BULLHEAD CITY, AZ. VOR/DME RWY 34, AMDT 1...DELETE DESCENT ANGLE 3.21/TCH 45. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. 1610252041-1706062041EST.

CHANDLER

Chandler Muni

FDC 7/0430 CHD SID CHANDLER MUNI, CHANDLER, AZ. BNYRD FIVE DEPARTURE (RNAV)...FTHLS FIVE DEPARTURE (RNAV)...IZZZO FIVE DEPARTURE (RNAV)...JUDTH FIVE DEPARTURE (RNAV)...KATMN FIVE DEPARTURE (RNAV)...LALUZ FIVE DEPARTURE (RNAV)...MAYSA FIVE DEPARTURE (RNAV)...SNOBL FIVE DEPARTURE (RNAV)...YOTES FIVE DEPARTURE (RNAV)...NOTE: TOP ALTITUDE TO BE AS ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032149-1708152148EST.

FDC 6/9456 CHD STAR CHANDLER MUNI AIRPORT, CHANDLER, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1610311300-1710311259.

FDC 6/0715 CHD IAP CHANDLER MUNI, CHANDLER, AZ. VOR RWY 4R, ORIG-A...S-4R MDA 1700/ HAT 460 ALL CATS. VDP 1.42NM TO RW04R. TEMPORARY CRANE 1400 MSL 3.96NM WEST OF RWY 4R (2015-AWP-11036-OE). 1612121854-1704011854EST.

DOUGLAS BISBEE

Bisbee Douglas Intl

FDC 6/0037 DUG IAP BISBEE DOUGLAS INTL, DOUGLAS BISBEE, AZ. VOR RWY 17, AMDT 3A...VOR/DME RWY 17, AMDT 6A...MISSED APPROACH: CLIMBING RIGHT TURN TO 8000 IN DUG VORTAC HOLDING PATTERN, DO NOT EXCEED 230 KIAS. 1610312118-1706122118EST.

FLAGSTAFF

Flagstaff Pulliam

FDC 6/2880 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS) RWY 3, ORIG-A...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1611271606-1707091606EST.

FDC 6/2878 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS) Z RWY 21, ORIG...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1611271604-1707091604EST.

FDC 5/9071 FLG IAP FLAGSTAFF PULLIAM, FLAGSTAFF, AZ. RNAV (GPS) RWY 3, ORIG-A...ADD NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508261159-1602221159EST.

FORT HUACHUCA SIERRA VISTA

Sierra Vista Muni-Libby AAF

FDC 6/5412 FHU IAP U.S. DOD SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RADAR 1, ORIG...PAR RWY 26 MINS NA. 1612291456-1708101456EST.

FDC 6/5411 FHU IAP SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. ILS OR LOC RWY 26, AMDT 4B...S-ILS 26 NA. 1612291456-1708101456EST.

FDC 6/4335 FHU IAP SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RNAV (GPS) RWY 26, ORIG...MISSED APPROACH: CLIMBING RIGHT TURN TO 9500 DIRECT TOMBS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9500. PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {3.00}/TCH {80}). 1611081207-1706201207EST.

FDC 6/4334 FHU IAP SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RNAV (GPS) RWY 8, AMDT 1B...LNAV/VNAV DA 5067/HAT 348 ALL CATS. PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.00}/TCH {50}). 1611081205-1706201205EST.

GLENDALE

Glendale Muni

FDC 7/0424 GEU SID GLENDALE MUNI, GLENDALE, AZ. BNYRD THREE DEPARTURE (RNAV)...FTHLS FOUR DEPARTURE (RNAV)...IZZ0 FOUR DEPARTURE (RNAV)...JUDTH FOUR DEPARTURE (RNAV)...KATMN FOUR DEPARTURE (RNAV)...LALUZ FOUR DEPARTURE (RNAV)...MAYSA FOUR DEPARTURE (RNAV)...YOTES FOUR DEPARTURE (RNAV)...NOTE: TOP ALTITUDE TO BE AS ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032145-1708152145EST.

FDC 7/0206 GEU IAP GLENDALE MUNI, GLENDALE, AZ. RNAV (GPS) RWY 19, AMDT 2A...LPV DA 1397/ HAT 332 ALL CATS. TEMPORARY CRANE 1252 MSL 760FT NORTHWEST OF RWY 19 (2016-AWP-10130-OE). 1701031428-1705031428EST.

FDC 6/9489 GEU STAR GLENDALE AIRPORT, GLENDALE, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA 1610311300-1710311259.

GLOBE

San Carlos Apache

FDC 6/0319 P13 IAP SAN CARLOS APACHE, GLOBE, AZ. GPS RWY 27, ORIG-B...VISUAL SEGMENT - OBSTACLES. 1610141518-1705261518EST.

GOODYEAR

Phoenix Goodyear

FDC 7/0426 GYR SID PHOENIX GOODYEAR, GOODYEAR, AZ. BNYRD FOUR DEPARTURE (RNAV)...FTHLS FOUR DEPARTURE (RNAV)...IZZ0 FOUR DEPARTURE (RNAV)...JUDTH FOUR DEPARTURE (RNAV)...KATMN FOUR DEPARTURE (RNAV)...LALUZ FOUR DEPARTURE (RNAV)...MAYSA FOUR DEPARTURE (RNAV)...SNOBL FOUR DEPARTURE (RNAV)...YOTES FOUR DEPARTURE (RNAV)...NOTE: TOP ALTITUDE TO BE AS ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032146-1708152146EST.

FDC 6/9461 GYR STAR PHOENIX GOODYEAR AIRPORT, GOODYEAR, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1610311300-1710311259.

GRAND CANYON

Grand Canyon National Park

FDC 7/8658 GCN IAP GRAND CANYON NATIONAL PARK, GRAND CANYON, AZ. ILS OR LOC/DME RWY 3, ORIG-C...S-ILS 3 CAT D NA. 1701272125-1702272125EST.

FDC 7/6346 GCN IAP GRAND CANYON NATIONAL PARK, GRAND CANYON, AZ. ILS OR LOC/DME RWY 3, ORIG-C...S-ILS DA 6795/HAT 239 ALL CATS. 1701201839-1709011839EST.

FDC 7/0436 GCN ODP GRAND CANYON NATIONAL PARK, GRAND CANYON, AZ. GRAND THREE DEPARTURE...TAKE-OFF MINIMUMS: RWY 21, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 309 FT PER NM TO 6800. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032153-1708152153EST.

KINGMAN

Kingman

FDC 7/2227 IGM ODP KINGMAN, KINGMAN, AZ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...ADD NOTES: RWY 3, TERRAIN AND BUSH BEGINNING 171 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 3402 FT MSL. RWY 17, TERRAIN BEGINNING 52 FT FROM DER, 200 FT LEFT OF CENTERLINE, UP TO 3458 FT MSL. FENCE BEGINNING 393 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 3462 FT MSL. BUSHES AND ROAD BEGINNING 1025 FT FROM DER, 1 FT LEFT OF CENTERLINE UP TO 3489 FT MSL. RWY 21, TERRAIN 3 FEET FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 3414 FT MSL. TERRAIN AND BUSH BEGINNING 203 FT FROM DER, 287 FT LEFT OF CENTERLINE, UP TO 3418 FT MSL. RWY 35, TERRAIN BEGINNING 32 FT FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 3363 FT MSL. FENCE AND ROAD BEGINNING 306 FT FROM DER, 392 FT RIGHT OF CENTERLINE UP TO 15 FT AGL/ 3372 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072336-1709192336EST.

MESA

Falcon Fld

FDC 6/9457 FFZ STAR FALCON FIELD AIRPORT, MESA, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1610311300-1710311259.

FDC 6/0844 FFZ IAP FALCON FLD, MESA, AZ. RNAV (GPS) RWY 4L, AMDT 1A...DISREGARD NOTE: CIRCLING TO RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 4L PROCEDURE NA AT NIGHT.. 1611011834-1706131832EST.

FDC 5/0443 FFZ ODP FALCON FLD, MESA, AZ. MESA ONE DEPARTURE...DEPARTURE ROUTE DESCRIPTION RWY 4L/4R: CLIMBING RIGHT TURN TO 5000 HEADING 220 AND TFD VORTAC R-003 TO IFNUR INT, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. VCOA RUNWAYS 4L/4R: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS FALCON FIELD AIRPORT AT OR ABOVE 2500 THEN CLIMB TO 5000 ON TFD VORTAC R-003 TO IFNUR INT, BEFORE PROCEEDING ON COURSE. TAKEOFF MINIMUMS: RWY 4L: STANDARD WITH MINIMUM CLIMB OF 480 FEET PER NM TO 3600 OR 1300-3 FOR VCOA. RWY 4R: STANDARD WITH MINIMUM CLIMB OF 495 FEET PER NM TO 3600 OR 1300-3 FOR VCOA.. ALL OTHER DATA REMAINS AS PUBLISHED. 1508271451-1602231451EST.

PHOENIX

Phoenix Deer Valley

FDC 7/4345 DVT IAP PHOENIX DEER VALLEY, PHOENIX, AZ. RNAV (GPS) RWY 7R, AMDT 1...LPV DA 1797/HAT 337, VIS 1 ALL CATS. 1701132207-1708252207EST.

FDC 7/0428 DVT SID PHOENIX DEER VALLEY, PHOENIX, AZ. BNYRD FOUR DEPARTURE (RNAV)...FTHLS FOUR DEPARTURE (RNAV)...IZZO FOUR DEPARTURE (RNAV)...JUDTH FOUR DEPARTURE (RNAV)...KATMN FOUR DEPARTURE (RNAV)...LALUZ FOUR DEPARTURE (RNAV)...MAYSA FOUR DEPARTURE (RNAV)...SNOBL FOUR DEPARTURE (RNAV)...YOTES FOUR DEPARTURE (RNAV)...NOTE: TOP ALTITUDE TO BE AS ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032147-1708152147EST.

FDC 6/9490 DVT STAR DEER VALLEY AIRPORT, PHOENIX, AZ. JCBS TWO ARRIVAL...PROCEDURE NA 1610311300-1710311259.

Phoenix Sky Harbor Intl

FDC 7/7264 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. ILS OR LOC RWY 26, ORIG-F...S-LOC MDA 1740/ HAT 605 ALL CATS, VISIBILITY CATS C/D 1 3/4. CIRCLING CAT B MDA 1800/ HAA 665. VDP AT I-CWJ 3.76 DME; DISTANCE VDP TO THLD 1.70 MILES. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. TEMPORARY CRANE 1436 MSL 1.77NM EAST OF RWY 26 (2016-AWP-3759-OE). 1701241934-1702281933EST.

FDC 7/7262 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. RNAV (GPS) Y RWY 25R, AMDT 2B...LNAV MDA 1720/ HAT 586 ALL CATS, VISIBILITY CATS C/D 1 3/4. CIRCLING CATS B/C MDA 1800/ HAA 665. VDP NA. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. TEMPORARY CRANE 1436 MSL 1.93NM NORTHEAST OF RWY 25R (2016-AWP-3759-OE). 1701241932-1702281932EST.

FDC 7/7260 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. RNAV (GPS) Y RWY 26, AMDT 2A...LPV DA 1823/ HAT 688 ALL CATS, VISIBILITY ALL CATS 2 1/2. LNAV/VNAV DA 1816/ HAT 681 ALL CATS, VISIBILITY ALL CATS 2 1/2. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. TEMPORARY CRANE 1436 MSL 1.77NM EAST OF RWY 26 (2016-AWP-3759-OE). 1701241930-1702281930EST.

FDC 7/7258 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. RNAV (RNP) Z RWY 26, ORIG-C...RNP 0.30 DA 1798/ HAT 663 ALL CATS, VISIBILITY ALL CATS 2 1/4. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. TEMPORARY CRANE 1436 MSL 1.77NM EAST OF RWY 26 (2016-AWP-3759-OE). 1701241928-1702281928EST.

FDC 7/2230 PHX SID PHOENIX SKY HARBOR INTL, PHOENIX, AZ. SILOW FOUR DEPARTURE...PROCEDURE NA. 1702072338-1709192338EST.

FDC 7/2074 PHX IAP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. ILS OR LOC RWY 25L, AMDT 1G...S-LOC 25L MDA 1600/ HAT 474 ALL CATS. TEMPORARY CRANE 1289 MSL 1.79 NM EAST OF RWY 25L (2016-AWP-10289-OE). 1702081300-1703031300EST.

FDC 6/9454 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. BUNTR TWO ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT HOMRR ON BUNTR TWO ARRIVAL TO READ LANDING WEST: TURBOJETS EXPECT TO CROSS HOMRR AT 12000FT. LANDING EAST: TURBOJETS EXPECT TO CROSS HOMRR AT 14000FT. EXPECT CLEARANCE TO CROSS SLIDR AT OR BELOW FL360. 1610311300-1710311259.

FDC 6/9453 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. JESSE ONE ARRIVAL...CHANGE NOTE ON JESSE ONE ARRIVAL TO READ NOTE: JESSE STAR IS FOR TURBOPROP AIRCRAFT AND ATC ASSIGNED TURBOJET AIRCRAFT. 1610311300-1710311259.

FDC 6/9440 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. ARLIN 3 ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT PAYNT ON ARLIN 3 ARRIVAL TO READ LANDING WEST: TURBOJETS EXPECT TO CROSS PAYNT AT 14000FT. LANDING EAST: TURBOJETS EXPECT TO CROSS PAYNT AT 12000FT. 1610311300-1710311259.

FDC 6/9437 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. SUNSS SEVEN ARRIVAL...CHANGE NOTE ON SUNSS SEVEN ARRIVAL TO READ DELETE NOTE AT SUNSS. ADD NOTE AT SQUEZ: TURBOJETS CROSS AT 250K IAS. VERTICAL NAVIGATION PLANNING INFORMATION: TURBOPROPS EXPECT TO CROSS SQUEZ AT 10000FT SATELLITE AIRPORTS EXPECT TO CROSS SQUEZ AT 9000FT. 1610311300-1710311259.

FDC 6/9435 PHX STAR PHOENIX SKY HARBOR INTL, PHOENIX, AZ. BLYTHE FOUR ARRIVAL...CHANGE EXPECT ALTITUDE NOTE AT PAYNT ON BLYTHE FOUR ARRIVAL TO READ LANDING WEST: TURBOJETS EXPECT TO CROSS PAYNT AT 14000FT. LANDING EAST: TURBOJETS EXPECT TO CROSS PAYNT AT 12000FT. 1610311300-1710311259.

FDC 6/7690 PHX ODP PHOENIX SKY HARBOR INTL, PHOENIX, AZ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKEOFF MINIMUMS: RWY 08, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 269FT PER NM TO 1600. ADD NOTE: RWY 8, TEMPORARY CRANE 1.77NM FROM DER, 219FT LEFT OF CENTERLINE, 285FT AGL/ 1436FT MSL (2016-AWP-3759-OE). EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. ALL OTHER DATA REMAINS AS PUBLISHED. 1610121333-1705241333EST.

FDC 6/4241 PHX STAR COYOT THREE ARRIVAL...ADD LOST COMMUNICATIONS PROCEDURE: AFTER DRK VORTAC PROCEED DIRECT MAIER, THEN DIRECT PXR VORTAC 1701050900-1801050859.

Phoenix-Mesa Gateway

FDC 6/9460 IWA STAR PHOENIX-MESA GATEWAY AIRPORT, PHOENIX, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA. 1610311300-1710311259.

FDC 6/5927 IWA IAP PHOENIX-MESA GATEWAY, PHOENIX, AZ. RNAV (RNP) Z RWY 30C, ORIG-A...RNP 0.21 DA 1666/HAT 286 ALL CATS. RNP 0.30 DA 1754/HAT 374 ALL CATS. VIS 1 1/4 ALL CATS.. 1610071955-1705191955EST.

PRESCOTT

Ernest A Love Field

FDC 6/1311 PRC IAP ERNEST A LOVE FIELD, PRESCOTT, AZ. RNAV (GPS) RWY 12, ORIG-A...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1611021517-1706141517EST.

SCOTTSDALE

Scottsdale

FDC 7/6348 SDL SID SCOTTSDALE, SCOTTSDALE, AZ. JONHH ONE DEPARTURE...BRYCE CANYON TRANSITION NA. DOVE CREEK TRANSITION NA. FLAGSTAFF TRANSITION NA. RATTLESNAKE TRANSITION NA. 1701201841-1709011841EST.

FDC 7/0432 SDL SID SCOTTSDALE, SCOTTSDALE, AZ. BNYRD FOUR DEPARTURE (RNAV)...FTHLS FOUR DEPARTURE (RNAV)...IZZ0 FOUR DEPARTURE (RNAV)...JUDTH FOUR DEPARTURE (RNAV)...KATMN FOUR DEPARTURE (RNAV)...LALUZ FOUR DEPARTURE (RNAV)...MAYSA FOUR DEPARTURE (RNAV)...SNOBL FOUR DEPARTURE (RNAV)...YOTES FOUR DEPARTURE (RNAV)...NOTE: TOP ALTITUDE TO BE AS ASSIGNED BY ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032150-1708152150EST.

FDC 6/9459 SDL STAR SCOTTSDALE AIRPORT, SCOTTSDALE, AZ. JCOBS TWO ARRIVAL...PROCEDURE NA 1610311300-1710311259.

ST JOHNS

St Johns Industrial Air Park

FDC 7/2261 SJN IAP ST JOHNS INDUSTRIAL AIR PARK, ST JOHNS, AZ. VOR/DME-A, AMDT 2...ALTERNATE MINIMUMS NA, SJN VORTAC UNMONITORED. 1702080244-1703070244EST.

FDC 7/2233 SJN IAP ST JOHNS INDUSTRIAL AIR PARK, ST JOHNS, AZ. RNAV (GPS) RWY 32, ORIG-A...LNAV/VNAV MINIMA NA.. 1702072339-1709192339EST.

TUCSON

Tucson Intl

FDC 6/8896 TUS IAP TUCSON INTL, TUCSON, AZ. RNAV (RNP) Y RWY 29R, ORIG-D...RNP 0.30 DA 3059/ HAT 416 ALL CATS. 1609081653-1704201653EST.

FDC 6/3983 TUS IAP TUCSON INTL, TUCSON, AZ. LOC/DME BC RWY 29R, AMDT 8...VOR OR TACAN RWY 11L, AMDT 1A...VOR/DME OR TACAN RWY 29R, AMDT 2D...CIRCLING CAT A MDA 3160/HAA 517. 2848 MSL CONTROL TOWER 2296 FEET SOUTHWEST OF TUS AIRPORT. 1610201423-1706011423EST.

FDC 6/1495 TUS IAP TUCSON INTL, TUCSON, AZ. ILS OR LOC RWY 11L, AMDT 14...PARCS FIX MINIMUMS: CIRCLING CAT A MDA 3200/ HAA 557. CONTROL TOWER 2850 MSL 2296FT SOUTHWEST OF TUS AIRPORT (2010-AWP-153-NRA). 1611202026-1707022026EST.

FDC 6/1492 TUS IAP TUCSON INTL, TUCSON, AZ. RNAV (GPS) Z RWY 11L, AMDT 1A...TERMINAL ROUTE FROM WASON TO CALLS MINIMUM ALTITUDE 5100. MINIMUM ALTITUDE AT CALLS 5100. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202025-1707022025EST.

FDC 6/1488 TUS SID TUCSON INTL, TUCSON, AZ. TUCSON EIGHT DEPARTURE...MESCA TRANSITION: MINIMUM ALTITUDE MESCA INT TO SAN SIMON VORTAC (SSO), 10500 FT. REDDY TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS, WITH GPS. SSO VORTAC UNUSABLE BELOW 14000 FT. 1611202023-1707022023EST.

YUMA PROVING GROUND(YUMA)

Laguna AAF (Yuma Proving Ground)

FDC 5/5125 LGF IAP U.S. DOD LAGUNA AAF (YUMA PROVING GROUND), YUMA PROVING GROUND(YUMA), AZ. RNAV (GPS) RWY 18, ORIG...VISUAL DESCENT ANGLE 3.12/37 TCH NOT AUTHORIZED. 1508191453-1602151453EST.

FDC 5/5121 LGF IAP U.S. DOD LAGUNA AAF (YUMA PROVING GROUND), YUMA PROVING GROUND(YUMA), AZ. RNAV (GPS) RWY 6, ORIG...VISUAL DESCENT ANGLE 2.99/45 TCH NOT AUTHORIZED.. 1508191452-1602151452EST.

ARKANSAS

ASH FLAT

Sharp County Rgnl

FDC 6/9898 CVK IAP SHARP COUNTY RGNL, ASH FLAT, AR. RNAV (GPS) RWY 4, ORIG...DESCENT ANGLE 3.05 / TCH 40 NA. 1610312010-1706122009EST.

BLYTHEVILLE

Arkansas Intl

FDC 6/4880 BYH IAP ARKANSAS INTL, BLYTHEVILLE, AR. ILS OR LOC/DME RWY 18, AMDT 2...MSA KBYH 355751.60N/0895638.20W WITHIN 30 NM 2500.. 1610211551-1706021550EST.

CLARKSVILLE

Clarksville Muni

FDC 7/6581 H35 IAP CLARKSVILLE MUNI, CLARKSVILLE, AR. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222043-1709032043EST.

FDC 6/7377 H35 IAP CLARKSVILLE MUNI, CLARKSVILLE, AR. RNAV (GPS) RWY 9, ORIG-A...DESCENT ANGLE 3.05/TCH 41 NA. 1610121215-1705241214EST.

FDC 6/7375 H35 IAP CLARKSVILLE MUNI, CLARKSVILLE, AR. RNAV (GPS) RWY 27, ORIG...DESCENT ANGLE 3.06/TCH 34 NA. 1610121211-1705241211EST.

CORNING

Corning Muni

FDC 7/4438 4M9 IAP CORNING MUNI, CORNING, AR. RNAV (GPS) RWY 18, ORIG-A...RNAV (GPS) RWY 36, ORIG-A...VOR/DME-A, AMDT 2A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1701141836-1708261836EST.

CROSSETT

Z M Jack Stell Field

FDC 7/4481 CRT IAP Z M JACK STELL FIELD, CROSSETT, AR. RNAV (GPS) RWY 23, ORIG...VOR/DME-A, ORIG-C...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 23 NA. 1701141911-1708261911EST.

DECATUR

Crystal Lake

FDC 7/4347 5M5 IAP CRYSTAL LAKE, DECATUR, AR. RNAV (GPS) RWY 13, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701132209-1708252209EST.

DUMAS

Billy Free Muni

FDC 6/0771 0M0 ODP BILLY FREE MUNI, DUMAS, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: NOTE RWY 18: ROAD AND TREES 71 FEET FROM DER, 510 FEET LEFT OF CENTERLINE, UP TO 63 FEET AGL/222 FEET MSL. ROAD 163 FEET FROM DER, 502 FEET RIGHT OF CENTERLINE, UP TO 17 FEET AGL/176 FEET MSL. TREES BEGINNING 1415 FEET FROM DER, 422 FEET RIGHT OF CENTERLINE, UP TO 66 FEET AGL/225 FEET MSL. NOTE: RWY 36: ROAD AND TREES 83 FEET FROM DER, 237 FEET LEFT OF CENTERLINE, UP TO 48 FEET AGL/210 FEET MSL. TREES 263 FEET FROM DER, 408 FEET RIGHT OF CENTERLINE, UP TO 52 FEET AGL/216 FEET MSL. TREES BEGINNING 1216 FEET FROM DER, 335 FEET LEFT OF CENTERLINE, UP TO 53 FEET AGL/217 FEET MSL. TREES BEGINNING 1611 FEET FROM DER, 228 FEET RIGHT OF CENTERLINE, UP TO 74 FEET AGL/239 FEET MSL. TREES BEGINNING 1960 FEET FROM DER, 428 FEET LEFT OF CENTERLINE, UP TO 82 FEET AGL/246 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612122130-1707242130EST.

EL DORADO

South Arkansas Rgnl At Goodwin Field

FDC 6/6376 ELD IAP SOUTH ARKANSAS RGNL AT GOODWIN FIELD, EL DORADO, AR. RNAV (GPS) RWY 4, ORIG-B...DISREGARD NOTE: NIGHT LANDING: RWY 4, 13, 17, 31, 35 NA. NOTE: NIGHT LANDING: RWY 13 NA. 1611101829-1706221829EST.

FLIPPIN

Marion County Rgnl

FDC 6/3897 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. RNAV (GPS) RWY 4, ORIG...DESCENT ANGLE 3.05/TCH 55 NA. VDP NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VDP NA WHEN USING MOUNTAIN HOME ALTIMETER SETTING. DISREGARD SYMBOL DEPICTING 34:1 VISUAL SLOPE IS CLEAR. 1610201348-1706011348EST.

FDC 6/3895 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. RNAV (GPS) RWY 22, ORIG...NOTE: PROCEDURE NA AT NIGHT. VDP NA. DISREGARD NOTE: VDP NA WHEN USING MOUNTAIN HOME ALTIMETER SETTING. 1610201347-1706011346EST.

FDC 6/3890 FLP IAP MARION COUNTY RGNL, FLIPPIN, AR. VOR-A, AMDT 14...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201345-1706011345EST.

FORT SMITH

Fort Smith Rgnl

FDC 6/0958 FSM ODP FORT SMITH RGNL, FORT SMITH, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...NOTE: RWY 25, MCDONALDS SIGN, 2688 FT FROM DEPARTURE END OF RWY, 1124 FT RIGHT OF CENTERLINE, 40 FT AGL/ 553 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611191850-1707011850EST.

HELENA/WEST HELENA

Thompson-Robbins

FDC 6/8353 HEE ODP THOMPSON-ROBBINS, HELENA/WEST HELENA, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 8: 400 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 700. NOTE: RWY 17: TERRAIN 23 FT FROM DER, 494 FT LEFT OF CENTERLINE, 240 MSL. TREE 1017 FT FROM DER, 547 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/287 FT MSL. TREE 1885 FT FROM DER, 804 FT FIGHT OF CENTERLINE, UP TO 103 FT AGL/316 FT MSL. TREES BEGINNING 1953 FT FROM DER, 777 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/315 FT MSL.. NOTE RWY 26: TREES BEGINNING 702 FT FROM DER, 310 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/287 FT MSL. TREE 3402 FT FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 122 FT AGL/332 FT MSL.. NOTE: RWY 35: TERRAIN 194 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 256 MSL. TREES BEGINNING 214 FT FROM DER, 546 LEFT OF CENTERLINE, UP TO 69 FT AGL/303 FT MSL. TREES BEGINNING 932 FT FROM DER, 665 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/307 FT MSL. TREES BEGINNING 1920 FT FROM DER, 923 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/319 FT MSL. TREES BEGINNING 2252 FT FROM DER, 1102 FT RIGHT OF CENTERLINE, UP TO 106 FT AGL/347 FT MSL. TREES 3132 FT FROM DER, 80 LEFT OF CENTERLINE, UP TO 104 FT AGL/330 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1609262130-1705082130EST.

FDC 6/2135 HEE IAP THOMPSON-ROBBINS, HELENA/WEST HELENA, AR. RNAV (GPS) RWY 17, ORIG...NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1611031424-1706151424EST.

HOT SPRINGS

Memorial Field

FDC 6/2679 HOT IAP MEMORIAL FIELD, HOT SPRINGS, AR. ILS OR LOC RWY 5, AMDT 15A...S-ILS 5 DA 732/HAT 230 ALL CATS. 1610041406-1705161406EST.

FDC 6/0668 HOT IAP MEMORIAL FIELD, HOT SPRINGS, AR. VOR Z RWY 5, AMDT 4C...S-5 MDA 960/HAT 444. ADAMS FIELD ALTIMETER SETTING MINIMUMS S-5 MDA 1120/HAT 604. DISTANCE VDP TO THLD 1.27 NM. 1609131201-1704251201EST.

JONESBORO

Jonesboro Muni

FDC 6/8615 JBR IAP JONESBORO MUNI, JONESBORO, AR. ILS OR LOC RWY 23, AMDT 2A...RNAV (GPS) RWY 23, AMDT 1A...RNAV (GPS) RWY 5, AMDT 1A...VOR RWY 23, AMDT 11A...DISREGARD NOTE: CIRCLING TO RWY 13-31 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 31 NA. NOTE: CIRCLING NA TO RWY 13. 1612072224-1707192224EST.

FDC 6/1214 JBR IAP JONESBORO MUNI, JONESBORO, AR. RNAV (GPS) RWY 31, AMDT 1A...DISREGARD NOTE: RWY 31 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 13 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 31 NA. NOTE: CIRCLING NA TO RWY 13. 1610171319-1705291319EST.

LAKE VILLAGE

Lake Village Muni

FDC 6/6317 M32 IAP LAKE VILLAGE MUNI, LAKE VILLAGE, AR. RNAV (GPS) RWY 19, ORIG-B...LNAV MDA NA. 1610100233-1705220232EST.

FDC 6/6315 M32 ODP LAKE VILLAGE MUNI, LAKE VILLAGE, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...RWY 1 NA. 1610100231-1705220231EST.

LITTLE ROCK

Bill And Hillary Clinton National/Adams Field

FDC 6/5724 LIT IAP BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD, LITTLE ROCK, AR. ILS OR LOC RWY 4L, AMDT 26...DME UNUSABLE WITHIN 0.50 NM OF THRESHOLD. 1612301923-1708111923EST.

FDC 6/2643 LIT IAP BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD, LITTLE ROCK, AR. RNAV (GPS) RWY 36, ORIG-B...DESCENT ANGLE 3.00/TCH 50 NOT AUTHORIZED. 1610041352-1705161352EST.

MENA

Mena Intermountain Muni

FDC 7/6565 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. NDB RWY 27, AMDT 1...TERMINAL ROUTE: PGO VORTAC, OK TO FENCH (VM) LOM, AR NA. PGO VOR RADIALS 090-145 UNUSABLE. NOTE: CIRCLING RWY 17 NA AT NIGHT. 1701222031-1709032031EST.

FDC 7/6563 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. ILS OR LOC RWY 27, AMDT 1A...TERMINAL ROUTE: PGO VORTAC, OK TO FENCH (VM) LOM, AR NA. PGO VOR RADIALS 090-145 UNUSABLE. NOTE: CIRCLING RWY 17 NA AT NIGHT. 1701222029-1709032029EST.

FDC 7/6561 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. RNAV (GPS) RWY 17, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 VISUAL SLOPE IS CLEAR. VDP NA. 1701222027-1709032027EST.

FDC 6/1292 MEZ IAP MENA INTERMOUNTAIN MUNI, MENA, AR. VOR/DME-A, AMDT 10...PROCEDURE NA, PGO VOR RADIALS 090-145 UNUSABLE. 1611021453-1706141453EST.

MONTICELLO

Monticello Muni/Ellis Field

FDC 7/6605 LLQ IAP MONTICELLO MUNI/ELLIS FIELD, MONTICELLO, AR. RNAV (GPS) RWY 21, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 21 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 3 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222059-1709032059EST.

FDC 7/6603 LLQ IAP MONTICELLO MUNI/ELLIS FIELD, MONTICELLO, AR. RNAV (GPS) RWY 3, AMDT 1B...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 3 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222058-1709032058EST.

FDC 7/6601 LLQ IAP MONTICELLO MUNI/ELLIS FIELD, MONTICELLO, AR. VOR-A, AMDT 6A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 3/21 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222057-1709032057EST.

MORRILTON

Petit Jean Park

FDC 6/8107 MPJ ODP PETIT JEAN PARK,
MORRILTON, AR. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...TAKE-OFF MINIMUMS RWY 3: 300-1 OR
STANDARD WITH MINIMUM CLIMB OF 326 PER NM
TO 1300 BEFORE TURNING.. ALL OTHER DATA
REMAINS AS PUBLISHED.
1610121721-1705241721EST.

MOUNTAIN VIEW

Mountain View Wilcox Memorial Field

FDC 7/8887 7M2 ODP MOUNTAIN VIEW WILCOX
MEMORIAL FIELD, MOUNTAIN VIEW, AR. TAKEOFF
MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 1...DEPARTURE PROCEDURE.
RWY 9:1000-3 OR STANDARD WITH MINIMUM
CLIMB OF 386 PER NM TO 2100..
1701292156-1709102156EST.

FDC 6/1783 7M2 IAP MOUNTAIN VIEW WILCOX
MEMORIAL FIELD, MOUNTAIN VIEW, AR. RNAV
(GPS) RWY 27, ORIG...DESCENT ANGLE 3.05/TCH 40
NA. 1610031320-1705151320EST.

NASHVILLE

Howard County

FDC 6/6894 M77 IAP HOWARD COUNTY,
NASHVILLE, AR. RNAV (GPS) RWY 1, ORIG-A...RNAV
(GPS) RWY 19, ORIG-A...NOTE: PROCEDURE NA AT
NIGHT.. DISREGARD NOTE: WHEN VGSI INOP,
CIRCLING RWY 1 NA AT NIGHT. WHEN VGSI INOP,
STRAIGHT-IN/CIRCLING RWY 19 PROCEDURE NA AT
NIGHT.. 1611122317-1706242317EST.

POCAHONTAS

Pocahontas Muni

FDC 6/3650 M70 IAP POCAHONTAS MUNI,
POCAHONTAS, AR. VOR OR GPS RWY 36, AMDT
6...S-36: CAT A/B MDA 860/HAT 589. CIRCLING: CAT
A/B MDA 900/HAA 629. JONESBORO ALTIMETER
SETTING MINIMUMS S-36: CAT A/B MDA 960/HAT
689. MISSED APPROACH: CLIMB TO 2100, THEN
LEFT TURN DIRECT ARG VORTAC AND HOLD.
NOTE: HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED.
1610201216-1706011216EST.

ROGERS

Rogers Executive - Carter Field

FDC 6/0769 ROG IAP ROGERS EXECUTIVE - CARTER
FIELD, ROGERS, AR. VOR RWY 2, AMDT 13D...NOTE:
RWY 2 HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED.
1609131256-1704251256EST.

SPRINGDALE

Springdale Muni

FDC 6/6334 ASG IAP SPRINGDALE MUNI,
SPRINGDALE, AR. ILS OR LOC RWY 18, AMDT
8D...CHANGE NOTE TO READ: AUTOPILOT
COUPLED APPROACH NA BELOW 1900..
1609011806-1704131757EST.

WEST MEMPHIS

West Memphis Muni

FDC 6/1440 AWM IAP WEST MEMPHIS MUNI, WEST
MEMPHIS, AR. RNAV (GPS) RWY 35,
ORIG...VOR/DME-A, AMDT 6...CIRCLING CATS A/B/C
MDA 720/HAA 508. CRANE, 367 MSL, 1.47 NM NORTH
OF KAWM, 2015-ASW-7584-OE.
1609301924-1705121924EST.

FDC 6/1439 AWM IAP WEST MEMPHIS MUNI, WEST
MEMPHIS, AR. RNAV (GPS) RWY 17,
ORIG...LNAV/VNAV DA 714/HAT 502 ALL CATS. VIS 1
1/4 ALL CATS. LNAV MDA 680/HAT 468 ALL CATS.
VIS CATS C/D 1. CIRCLING CATS A/B/C MDA 720/HAA
508. VDP 1.31 NM TO RW17. FOR INOPERATIVE
MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 3/8
MILE. CRANE, 367 MSL, 1.47 NM NORTH OF KAWM,
2015-ASW-7584-OE. 1609301924-1705121924EST.

FDC 6/1438 AWM ODP WEST MEMPHIS MUNI, WEST
MEMPHIS, AR. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...TAKE-OFF MINIMUMS RWY 17, 200 - 1 1/4 OR
STANDARD WITH MINIMUM CLIMB OF 291 FT PER
NM TO 500. NOTE: RWY 17, TEMPORARY CRANE,
5882 FT FROM DEPARTURE END OF RWY, 828 FT
RIGHT OF CENTERLINE, 150 AGL/367 MSL,
2015-ASW-7584-OE. ALL OTHER DATA REMAINS AS
PUBLISHED. 1609301924-1705121924EST.

CALIFORNIA

APPLE VALLEY

Apple Valley

FDC 6/1399 APV IAP APPLE VALLEY, APPLE
VALLEY, CA. RNAV (GPS) Z RWY 18,
ORIG-B...PROCEDURE NA.
1611021547-1706141547EST.

ARCATA/EUREKA

Arcata

FDC 6/8051 ACV SID ARCATA, ARCATA/EUREKA, CA. HOCUT FOUR DEPARTURE...TAKEOFF MINIMUMS: RWY 1, STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 2600. RWY 14, STANDARD WITH MINIMUM CLIMB OF 445 FT PER NM TO 2300. RWY 19, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 3000. RWY 32, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 3000. CHANGE CRESCENT CITY (CEC) VORTAC TO TRIAL INT FROM CEC R-161 TO CEC R-166. ALL OTHER DATA REMAINS AS PUBLISHED. 1610121704-1705241704EST.

FDC 6/8039 ACV ODP ARCATA, ARCATA/EUREKA, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKEOFF MINIMUMS: RWY 1, STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 2600 OR 1400-2 ? FOR CLIMB IN VISUAL CONDITIONS. RWY 14, STANDARD WITH MINIMUM CLIMB OF 445 FT PER NM TO 2300. RWY 19, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 3000. RWY 32, STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 3000. DEPARTURE PROCEDURE: RWY 1 ? CLIMBING LEFT TURN THENCE?OR CLIMB IN VISUAL CONDITIONS: CROSS ARCATA AIRPORT WESTBOUND AT OR ABOVE 1500, WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1610121702-1705241702EST.

FDC 6/1465 ACV IAP ARCATA, ARCATA/EUREKA, CA. ILS Z RWY 32, AMDT 30B...PROCEDURE NA. 1611202012-1707022012EST.

AVALON

Catalina

FDC 6/2519 AVX IAP CATALINA, AVALON, CA. VOR OR GPS-A, AMDT 4B...CIRCLING CAT B MDA 2580/HAA 978. 1611031730-1706151730EST.

BAKERSFIELD

Meadows Field

FDC 6/1183 BFL IAP MEADOWS FIELD, BAKERSFIELD, CA. ILS OR LOC RWY 30R, AMDT 31...VOR-A, ORIG-A...ALTERNATE MINIMUMS NA, EHF VORTAC UNMONITORED. 1611021352-1706141352EST.

BISHOP

Bishop

FDC 7/8962 BIH IAP BISHOP, BISHOP, CA. LDA/DME RWY 16, ORIG-B...CHANGE ALL REFERENCE FROM RWY 16/34 TO RWY 17/35 AND RWY 7/25 TO RWY 8/26. 1701292346-1709102346EST.

FDC 6/2705 BIH ODP BISHOP, BISHOP, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...CHANGE ALL REFERENCE FROM RWY 7/25 TO RWY 8/26. ALL OTHER DATA REMAINS AS PUBLISHED. 1609151513-1704271513EST.

BURBANK

Bob Hope

FDC 7/2517 BUR IAP BOB HOPE, BURBANK, CA. ILS Y OR LOC Y RWY 8, AMDT 6...ILS Z OR LOC Z RWY 8, AMDT 39...VOR RWY 8, AMDT 12...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 6/5643 BUR IAP BOB HOPE, BURBANK, CA. RNAV (RNP) Y RWY 8, AMDT 2...DISREGARD NOTE: WHEN CIRCLING TO RWY 8 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. ADD NOTE: STRAIGHT-IN RWY 8 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1611100922-1706220922EST.

FDC 6/3801 BUR STAR BOB HOPE AIRPORT, BURBANK, CA. JANNY TWO ARRIVAL. PROCEDURE NA. 1609161815-1709162359.

CARLSBAD

Mc Clellan-Palomar

FDC 6/5254 CRQ STAR MC CLELLAN-PALOMAR, CARLSBAD, CA. FODRR TWO ARRIVAL...SXC TO OCN COP, SXC31NM OCN20NM. AVOLS TO PACIF MOCA 1610061750-1709162359.

CHICO

Chico Muni

FDC 6/6137 CIC SID CHICO MUNI, CHICO, CA. CHICO TWO DEPARTURE...NOTE: RADAR REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1609011407-1704131407EST.

CHINO

Chino

FDC 6/0521 CNO ODP CHINO, CHINO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKEOFF MINIMUMS: RWY 8R, STANDARD WITH A MINIMUM CLIMB OF 420FT PER NM TO 4800. ADD NOTE: RWY 8R, TEMPORARY CRANE 4220FT FROM DER, 974FT LEFT OF CENTERLINE, 150FT AGL/ 795FT MSL (2016-AWP-10883-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612131400-1703291400EST.

CLOVERDALE

Cloverdale Muni

FDC 6/0985 O60 IAP CLOVERDALE MUNI, CLOVERDALE, CA. RNAV (GPS) RWY 32, ORIG-A...LNAV MINIMUMS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611191905-1707011905EST.

COLUMBIA

Columbia

FDC 5/5256 O22 IAP COLUMBIA, COLUMBIA, CA. RNAV (GPS) RWY 35, ORIG...LNAV MDA 3140 / HAT 1066 ALL CATS. LNAV VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING MDA 3140 / HAA 1020 ALL CATS, CIRCLING VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CAT C 3. 1508191530-1602151530EST.

CONCORD

Buchanan Field

FDC 7/6344 CCR ODP BUCHANAN FIELD, CONCORD, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 32L/R: STANDARD WITH MINIMUM CLIMB OF 320 TO 1400, OR 2200 - 3 FOR CLIMB IN VISUAL CONDITIONS.. TEXTUAL DEPARTURE PROCEDURE: FOR AIRCRAFT DEPARTING ALL RWYS AND USING THE CLIMB IN VISUAL CONDITIONS TO CROSS BUCHANAN AIRPORT NORTHBOUND AT OR ABOVE 2100 ON CCR R-173 TO CCR VOR/DME. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE, THENCE....TEXTUAL DEPARTURE PROCEDURE: CHANGE...AIRCRAFT DEPARTING CCR VOR/DME NOTE TO READ:...AIRCRAFT DEPARTING CCR VOR/DME R-150 CLOCKWISE R-110 CLIMB ON COURSE. ALL OTHERS CLIMB IN CCR VOR/DME HOLDING PATTERN (HOLD N, LEFT TURNS, 191.00 INBOUND) TO CROSS CCR VOR/DME AT OR ABOVE 3400 FEET BEFORE PROCEEDING ON COURSE.. ALL OTHER DATA REMAINS AS PUBLISHED. 1701201837-1709011837EST.

FDC 6/9748 CCR IAP BUCHANAN FIELD, CONCORD, CA. LDA RWY 19R, AMDT 7E...DESCENT ANGLE KANAN LOM TO RW19R: 3.51/TCH 28. 1611171703-1706291703EST.

FDC 5/6380 CCR IAP BUCHANAN FIELD, CONCORD, CA. LDA RWY 19R, AMDT 7D...CIRCLING CAT A MDA 600/HAA 574. DME MINIMUMS: CIRCLING CAT A MDA 600/HAA 574. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TERMINAL ROUTE FROM COLLI INT TO KANAN (CC) LOM MINIMUM ALTITUDE 5200. MSA FROM CCR VOR/DME: 090-180 MINIMUM ALTITUDE 5100, 180-360 MINIMUM ALTITUDE 4100. 1508201914-1602161914EST.

DAGGETT

Barstow-Daggett

FDC 6/8398 DAG IAP BARSTOW-DAGGETT, DAGGETT, CA. RNAV (GPS) RWY 22, AMDT 2A...VOR OR TACAN RWY 22, AMDT 10A...NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612071955-1707191955EST.

FDC 6/2137 DAG IAP BARSTOW-DAGGETT, DAGGETT, CA. RNAV (GPS) RWY 26, AMDT 3...CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHERN CALIFORNIA LOGISTICS ALTIMETER SETTING AND INCREASE LPV DA# TO 2433, VISIBILITY CATS A/B/C 1/4 MILE CAT D 1/2 MILE. INCREASE LPV DA TO 2554 AND ALL CATS VISIBILITY 3/4 MILE, LNAV/VNAV DA TO 2600 AND ALL CATS VISIBILITY 3/4 MILE. INCREASE ALL MDA 220 FT AND VISIBILITY LNAV CATS A/B 1/4 MILE, CATS C/D 3/4 MILE, CIRCLING CAT A 1/4 MILE. 1611031428-1706151428EST.

DAVIS/WOODLAND/WINTERS

Yolo County

FDC 5/0476 DWA IAP YOLO COUNTY, DAVIS/WOODLAND/WINTERS, CA. RNAV (GPS) RWY 16, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: CIRCLING TO RWY 34 NA AT NIGHT. 1508271459-1602231459EST.

FDC 5/0474 DWA IAP YOLO COUNTY, DAVIS/WOODLAND/WINTERS, CA. RNAV (GPS) RWY 34, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT. ADD NOTE: RWY 34 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1508271457-1602231457EST.

EL MONTE

San Gabriel Valley

FDC 6/2151 EMT ODP EL MONTE, EL MONTE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...CHANGE ALL REFERENCES EL MONTE TO READ SAN GABRIEL VALLEY. ALL OTHER DATA REMAINS AS PUBLISHED. 1609151059-1704271059EST.

FRESNO

Fresno Yosemite Intl

FDC 7/4366 FAT IAP FRESNO YOSEMITE INTL, FRESNO, CA. VOR/DME OR TACAN RWY 11L, AMDT 2A...VOR/DME OR TACAN RWY 29R, AMDT 2A...TACAN PORTION NA, CZQ TACAN AZIMUTH OUT OF SERVICE. 1701132240-1702132240EST.

FDC 7/4365 FAT IAP FRESNO YOSEMITE INTL, FRESNO, CA. VOR/DME OR TACAN RWY 11L, AMDT 2A...VOR/DME OR TACAN RWY 29R, AMDT 2A...TACAN PORTION NA, CZQ TACAN AZIMUTH OUT OF SERVICE. 1701132240-1702132240EST.

FDC 6/1588 FAT SID FRESNO YOSEMITE INTL, FRESNO, CA. BULLDOG ONE DEPARTURE...YOSEMITE ONE DEPARTURE...DEPARTURE PROCEDURE: THENCE...CLIMB TO 10,000 (OR AS ASSIGNED BY ATC), EXPECT RADAR VECTORS TO ASSIGNED ROUTE. EXPECT FILED ALTITUDE FIVE MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202307-1707022307EST.

GRASS VALLEY

Nevada County Air Park

FDC 6/4715 GOO ODP NEVADA COUNTY AIR PARK, GRASS VALLEY, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 25, TREE, BUSH BEGINNING 40 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 3087 FT MSL. TREES BEGINNING 68 FT FROM DER, 312 FT LEFT OF CENTERLINE, UP TO 3137 FT MSL. TREES BEGINNING 593 FT FROM DER, 149 FT RIGHT OF CENTERLINE, UP TO 3088 FT MSL. TREE 648 FT FROM DER, 176 FT RIGHT OF CENTERLINE, 3093 FT MSL. TREES BEGINNING 698 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 3094 FT MSL. TREE 748 FT FROM DER, 138 FT RIGHT OF CENTERLINE, 3096 FT MSL. TREE 773 FT FROM DER, 167 FT RIGHT OF CENTERLINE, 3102 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612231809-1708041809EST.

FDC 6/4714 GOO IAP NEVADA COUNTY AIR PARK, GRASS VALLEY, CA. VOR OR GPS-A, AMDT 1A...MISSED APPROACH: CLIMBING RIGHT TURN TO 5100 ON MYV R-058 TO BINNT INT/MYV 13.00 DME AND HOLD. MSA FROM MYV VOR/DME: 330-140 5600, 140-330 3400. 1612231807-1708041807EST.

GROVELAND

Pine Mountain Lake

FDC 7/2249 E45 IAP PINE MOUNTAIN LAKE, GROVELAND, CA. GPS RWY 27, ORIG-A...RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTE: PROCEDURE NA AT NIGHT.. 1702072353-1709192353EST.

GUALALA

Redwood Coast Medical Services

FDC 6/3111 85CA SPECIAL REDWOOD COAST MEDICAL SERVICES, GUALALA, CA. COPTER RNAV (GPS) 015, ORIG...MSA FROM ILJEP 4800.. 1608261955-1704071955EST.

HALF MOON BAY

Half Moon Bay

FDC 5/9688 HAF ODP HALF MOON BAY, HALF MOON BAY, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKE-OFF MINIMUMS: RWY 12: STANDARD WITH MINIMUM CLIMB OF 306 FT PER NM TO 3400. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261821-1602221821EST.

LA VERNE

Brackett Field

FDC 6/1479 POC ODP BRACKETT FIELD, LA VERNE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5.TAKEOFF MINIMUMS: RWY 8L, 8R: STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 7300. RWY 26L, 26R: 300-1 WITH MINIMUM CLIMB OF 230 FT PER NM TO 7300. DEPARTURE PROCEDURE: CHANGE AIRCRAFT DEPARTING PRADO INT TO READ: AIRCRAFT DEPARTING PRADO INT HEADING 141 CW 290 CLIMB ON COURSE. ALL OTHERS CLIMB IN PRADO INT HOLDING PATTERN (HOLD N, RT, 164 INBOUND) TO DEPART PRADO INT AT OR ABOVE: 291 CW 340. 6600; 341 CW 050, 7900; 051 CW 090, 5200; 091 CW 140, 4200. TAKEOFF OBSTACLES: NOTE: RWY 8L, SIGN 23 FT FROM DER, 98 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/1015 FT MSL. ROAD BEGINNING 46 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/1033 FT MSL. BUILDINGS BEGINNING 394 FT FROM DER, 576 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1062 FT MSL. POLES BEGINNING 875 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 47 FT AGL/1069 FT MSL. TREES AND POLES BEGINNING 1803 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 72 FT AGL/1094 FT MSL. NOTE: RWY 8R, SIGN 42 FT FROM DER, 239 RIGHT OF CENTERLINE, UP TO 6 AGL/1016 FT MSL. ROAD BEGINNING 118 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/1034 FT MSL. POLES BEGINNING 900 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 58 FT AGL/1058 FT ALL OTHER DATA REMAINS AS PUBLISHED. MSL. POLES BEGINNING 1325 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 69 FT AGL/1069 FT MSL. POLES AND TREES BEGINNIG 1727 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 72 FT AGL/1094 FT MSL. TOWER AND TREES BEGINNIG 3447 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 94 FT AGL/1114 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202020-1707022019EST

LANCASTER

General Wm J Fox Airfield

FDC 6/2233 WJF IAP GENERAL WM J FOX AIRFIELD, LANCASTER, CA. RNAV (GPS) RWY 6, ORIG...LPV MINIMUMS NA. LNAV/VNAV MINIMUMS NA. LNAV MINIMUMS NA.. 1611031509-1706151509EST.

LIVERMORE

Livermore Muni

FDC 6/8562 LVK IAP LIVERMORE MUNI, LIVERMORE, CA. ILS RWY 25R, AMDT 7A...S-LOC 25R MDA 1020/HAT 623 ALL CATS, VIS CAT C/D 1-3/8. CIRCLING CAT A/B/C MDA 1020/HAA 623, VIS CAT C 1-3/4. NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 25R CAT C/D VISIBILITY TO 1 3/4 SM. ALTERNATE MINIMUMS: NA WHEN CONTROL TOWER CLOSED. 1610281121-1706091121EST.

LONG BEACH

Long Beach /Daugherty Field/

FDC 6/5618 LGB STAR LONG BEACH/DAUGHERTY FIELD, LONG BEACH, CA. TANDY FOUR ARRIVAL: FLW TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1611100800-1711092359.

FDC 6/3161 LGB SID LONG BEACH /DAUGHERTY FIELD/, LONG BEACH, CA. ANAHEIM EIGHT DEPARTURE...DEPARTURE PROCEDURE DP ROUTE DESCRIPTION. CHANGE DP ROUTE DESCRIPTION TO READ:.. TAKEOFF RWY 7L/R CLIMB HEADING 075.95 TO 800, THENCE....TAKEOFF RWY 12 CLIMB HEADING 120.72 TO 800, THENCE....TAKEOFF RWY 25L/R CLIMB HEADING 255.96 TO 800, THENCE....TAKEOFF RWY 30 CLIMB HEADING 300.72 TO 800, THENCE....ALL OTHER DATA REMAINS AS PUBLISHED. 1609152000-1704272000EST.

LOS ANGELES

Los Angeles Intl

FDC 7/8950 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. CHATY FOUR DEPARTURE...KWANG TRANSITION. HENER TRANSITION. SAN MARCUS TRANSITION. MEA 6300 BEGINNING AT FILLMORE (FIM) VORTAC. 1701292336-1709102336EST.

FDC 7/8936 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 24R, AMDT 24C...S-ILS 24R DA 322 ALL CATS. S-LOC 24R HAT 338 ALL CATS. TDZE: 122. 1701292237-1709102237EST.

FDC 7/2524 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25R, AMDT 18...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 200 AND ON LAX VORTAC R-210 TO CATLY INT/LAX 12.79 DME AND HOLD, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 7/2523 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25L, AMDT 13...ILS RWY 25L (CAT II - III), AMDT 13....MISSED APPROACH: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 200 AND ON LAX VORTAC R-210 TO CATLY INT/LAX 12.79 DME AND HOLD, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 7/2522 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. PERCH TWO DEPARTURE...TAKEOFF RUNWAYS 24L/R, 25L/R: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. LOST COMMUNICATIONS: TAKEOFF RUNWAYS 6L/R, 7L/R: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 7/2521 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. GORMAN SIX DEPARTURE...LAXX NINE DEPARTURE...LOOP NINE DEPARTURE...SEAL BEACH SEVEN DEPARTURE...SEBBY ONE DEPARTURE...VENTURA SEVEN DEPARTURE...TAKE-OFF RUNWAYS 24L/R, 25L/R: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 7/2520 LAX ODP LOS ANGELES INTL, LOS ANGELES, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 13...DEPARTURE PROCEDURE: RWYS 25L/R, FOR NON TURBO JET AIRCRAFT, NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 7/0418 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25L, AMDT 13...S-ILS 25L (CAT III) VISIBILITY RVR 600 ALL CATS.. 1701032140-1708152140EST.

FDC 6/6460 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25R, AMDT 18...ILS OR LOC RWY 7L, AMDT 8...RNAV (GPS) RWY 25R, AMDT 2C...RNAV (GPS) Y RWY 7L, AMDT 3...RNAV (RNP) Z RWY 7L, AMDT 1...PROCEDURE NA. 1611102012-1706222012EST.

FDC 6/6348 LAX ODP LOS ANGELES INTL, LOS ANGELES, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 13...TAKEOFF MINIMUMS: RWY 7L: STANDARD WITH A MINIMUM CLIMB OF 260 FT PER NM TO 345. ALL OTHER DATA REMAINS AS PUBLISHED. DIVERSE VECTOR AREA (RADAR VECTORS) AMDT 4...RWY 7L: MINIMUM CLIMB OF 260 FT PER NM TO 345. ALL OTHER DATA REMAINS AS PUBLISHED. 1611101807-1706221807EST.

FDC 6/5793 LAX SID LOS ANGELES INTL, LOS ANGELES, CA. CATALINA SEVEN DEPARTURE...CHATY FOUR DEPARTURE...GABRE ONE DEPARTURE...GORMAN SIX DEPARTURE...LAXX NINE DEPARTURE...PERCH TWO DEPARTURE...SEAL BEACH SEVEN DEPARTURE...VENTURA SEVEN DEPARTURE...TAKEOFF MINIMUMS: RWY 7L: STANDARD WITH A MINIMUM CLIMB OF 260 FT PER NM TO 345. ALL OTHER DATA REMAINS AS PUBLISHED. 1611101200-1706221200EST.

FDC 6/5616 LAX STAR LOS ANGELES INTL., LOS ANGELES, CA. LEENA SIX ARRIVAL: FLW TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1611100800-1711092359.

FDC 6/5159 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 7L, AMDT 8...DISREGARD NOTE: FOR INOP ALS, INCREASE S-LOC 7L CAT C/D VISIBILITY TO RVR 5500. 1611100901-1706211425EST.

FDC 6/1266 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 24L, AMDT 26C...SIDESTEP 24R MDA 700/HAT 578 ALL CATS. CHANGE MISSED APPROACH TO READ: CLIMB TO 2000 ON HEADING 251 AND ON LAX VORTAC R-260 TO RAFFS INT/LAX 15.1 DME AND HOLD. 1611201551-1707021551EST.

FDC 6/0011 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 25L, AMDT 1C...RNP 0.12 DA NA. 1610312112-1706122112EST.

MERCED

Merced Rgnl/Macready Field

FDC 7/4031 MCE IAP MERCED RGNL/MACREADY FIELD, MERCED, CA. ILS OR LOC RWY 30, AMDT 14E...DISREGARD NOTE: NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 585. 1701122343-1708242343EST.

FDC 6/5818 MCE IAP MERCED RGNL/MACREADY FIELD, MERCED, CA. RNAV (GPS) RWY 12, ORIG-A...NOTE: BARO-VNAV NA WHEN USING CASTLE ALTIMETER SETTING. NOTE: LNAV/VNAV NA WHEN BELOW -15C (5F) OR ABOVE 48C (118F). PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 53). 1608311957-1704121957EST.

MODESTO

Modesto City-Co-Harry Sham Fld

FDC 6/6872 MOD IAP MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. ILS OR LOC/DME RWY 28R, AMDT 14A...CHANGE NOTE TO READ: AUTOPILOT COUPLED APPROACH NA BELOW 1080. 1609022004-1704142002EST.

FDC 6/1431 MOD IAP MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. ILS OR LOC/DME RWY 28R, AMDT 14B...S-LOC 28R: MDA 460/HAT 372 ALL CATS, VISIBILITY CAT C 3/4. 1611201954-1707021954EST.

FDC 6/1426 MOD IAP MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. VOR/DME RWY 28R, ORIG-A...S-28R MDA 500/ HAT 412 ALL CATS, VISIBILITY CAT C 3/4. VDP AT MOD 1.92 DME; DISTANCE VDP TO THLD 1.11 MILES. TOWER 234 MSL 4.18 NM SOUTHEAST OF RWY 28R.. 1611201952-1707021952EST.

MOUNTAIN VIEW

Moffett Federal Afd

FDC 7/1704 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. TACAN RWY 32R, ORIG-A...S-32R MDA 880/ HAT 849 ALL CATS, VISIBILITY CATS C/D/E 1 7/8. CIRCLING CATS A/B/C/D MDA 860/ HAA 823, CAT E MDA 920/ HAA 883, VISIBILITY CAT B 1 1/4, CAT C 2 1/2, CAT D 2 3/4, CAT E 3. VDP AT NUQ 4.16 DME; DISTANCE VDP TO THLD 2.40 MILES. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF, INCREASE S-32R CAT A VISIBILITY TO RVR 5000, CAT B TO RVR 6000, CATS C/D/E TO 2 1/2. TEMPORARY CRANE 569 MSL 4.54 NM SOUTHEAST OF RWY 32R (2016-AWP-5022-OE). 1702071614-1709191614EST.

FDC 7/1703 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. TACAN RWY 32L, ORIG-A...S-32L MDA 880/ HAT 844 ALL CATS, VISIBILITY CAT B 1 1/4, CATS C/D/E 2 1/2. CIRCLING CATS A/B/C/D MDA 840/ HAA 804, CAT E MDA 920/ HAA 884, VISIBILITY CAT B 1 1/4, CAT C 2 1/2, CAT D 2 3/4, CAT E 3. TEMPORARY CRANE 569 MSL 4.53 NM SOUTHEAST OF RWY 32L (2016-AWP-5022-OE). 1702071614-1709191614EST.

FDC 7/1702 NUQ IAP U.S. DOD MOFFETT FEDERAL AFLD, MOUNTAIN VIEW, CA. ILS OR LOC/DME RWY 32R, ORIG-A...S-LOC 32R MDA 880/ HAT 849 ALL CATS, VISIBILITY CATS C/D/E 1 7/8. CIRCLING CATS A/B/C/D MDA 860/ HAA 823, CAT E MDA 920/ HAA 883, VISIBILITY CAT B 1 1/4, CAT C 2 1/2, CAT D 2 3/4, CAT E 3. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF, INCREASE S-LOC 32R CAT A VISIBILITY TO RVR 5000, CAT B TO RVR 6000, CATS C/D/E TO 2 1/2 MILES. TEMPORARY CRANE 569 MSL 4.54 NM SOUTHEAST OF RWY 32R (2016-AWP-5022-OE). 1702071614-1709191614EST.

FDC 6/9141 NUQ STAR MOFFETT FEDERAL AIRFIELD, MOFFETT, CA. POINT REYES TWO ARRIVAL...SAC VORTAC TO POPES INT, MEA 5100. 1611162330-1711152359EST.

NAPA

Napa County

FDC 7/2300 APC SID NAPA COUNTY, NAPA, CA. OZIEE TWO DEPARTURE (RNAV)...DEPARTURE PROCEDURE GPS REQUIRED, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2299 APC SID NAPA COUNTY, NAPA, CA. LIZRD FOUR DEPARTURE...CROIT TRANSITION,STS TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. OAK TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 6/6703 APC IAP NAPA COUNTY, NAPA, CA. ILS OR LOC RWY 36L, ORIG-B...RNAV (GPS) Y RWY 36L, AMDT 2A...NOTE: NIGHT LANDING: RWY 6 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611121449-1706241449EST.

OAKLAND

Children's Hospital Oakland

FDC 7/5856 7CL1 IAP CHILDRENS HOSPITAL OAKLAND, OAKLAND, CA. COPTER GPS 066, ORIG MDA 760/HAT 626, VIS. TEMPORARY CRANE 408 MSL, 4040 FT NORTHWEST OF PATUF. (2016-AWP-7067-OE) REASON: TEMP CRANE FOR 200 DAYS. 2016-AWP-7067-OE 1701191415-1708062359.

Metropolitan Oakland Intl

FDC 7/2302 OAK SID METROPOLITAN OAKLAND INTL, OAKLAND, CA. SKYLINE SIX DEPARTURE...TAKEOFF RUNWAY 28L,28R,30 NA EXCEPT FOR AIRCRAFT EQUIPPED WITU SUITABLE RNAV SYSTEM WITH GPS., PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2301 OAK SID METROPOLITAN OAKLAND INTL, OAKLAND, CA. COAST EIGHT DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2295 OAK IAP METROPOLITAN OAKLAND INTL, OAKLAND, CA. ILS OR LOC RWY 30, AMDT 29A...ILS RWY 30 (SA CAT I), AMDT 29A...ILS RWY 30 (CAT II-III), AMDT 29A...ALTERNATE MINIMUMS NA, SAU VORTAC UNMONITORED. 1702080720-1703080720EST.

FDC 6/7390 OAK SID METROPOLITAN OAKLAND INTL, OAKLAND, CA. CNDEL THREE DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: YYUNG TRANSITION NA.. ALL OTHER DATA REMAINS AS PUBLISHED. 1612061955-1707181954EST.

FDC 6/2833 OAK IAP METROPOLITAN OAKLAND INTL, OAKLAND, CA. ILS OR LOC RWY 30, AMDT 29A...ILS OR LOC/DME RWY 28R, AMDT 37A...ILS RWY 30 (SA CAT I), AMDT 28...ILS RWY 30 (CAT II & III), AMDT 28...CHANGE PLANVIEW NOTE TO READ: GPS OR RADAR REQUIRED. 1611261518-1707081518EST.

FDC 6/2157 OAK IAP METROPOLITAN OAKLAND INTL, OAKLAND, CA. ILS RWY 12 (SA CAT I), AMDT 8A...S-ILS 12 VISIBILITY RVR 1400 ALL CATS. 1609151105-1704271105EST.

OCEANSIDE

Bob Maxwell Memorial Airfield

FDC 7/2247 OKB ODP BOB MAXWELL MEMORIAL AIRFIELD, OCEANSIDE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...TAKE-OFF MINIMUMS: RWY 6, 400 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 420 FEET PER NM TO 500. RWY 24, 300 - 1 OR NA. NOTE: RWY 6, BUSH 170 FT FROM DER, 203 FT RIGHT OF CENTERLINE, 44 FT MSL. MOVIE SCREEN 2500 FT FROM DER, 445 FT LEFT OF CENTERLINE, 97 FT MSL. T-L TWR 2772 FT FROM DER, 334 FT LEFT OF CENTERLINE, 60 FT AGL/98 FT MSL. POLE 2776 FT FROM DER, 95 FT LEFT OF CENTERLINE, 113 FT MSL. POLE AND BUILDING BEGINNING 4662 FT FROM DER, 681 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/277 FT MSL. TREE 5057 FT FROM DER, 1213 FT RIGHT OF CENTERLINE, 294 FT MSL. TREES BEGINNING 5276 FT FROM DER, 383 FT LEFT OF CENTERLINE, UP TO 303 FT MSL. TREE 1 NM FROM DER, 1445 FT RIGHT OF CENTERLINE, 359 FT MSL. BUSH 1.1 NM FROM DER, 704 FT LEFT OF CENTERLINE, 279 FT MSL. NOTE: RWY 24, TREE AND ROAD BEGINNING 126 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 58 FT MSL. TREES BEGINNING 457 FT FROM DER, 139 FT LEFT OF CENTERLINE, UP TO 72 FT MSL. POLE 1921 FT FROM DER, 14 FT RIGHT OF CENTERLINE, 89 FT MSL. TREE 2039 FT FROM DER, 347 FT RIGHT OF CENTERLINE, 115 FT MSL. MONUMENT AND TREE BEGINNING 2092 FT FROM DER, 720 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/259 FT MSL. POLE 4731 FT FROM DER, 362 FT RIGHT OF CENTERLINE, 33 FT AGL/194 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072351-1709192351EST.

ONTARIO

Ontario Intl

FDC 6/1272 ONT SID ONTARIO INTL, ONTARIO, CA. POMONA NINE DEPARTURE...SHAFTER TRANSITION: TOOB D TO EHF VORTAC COURSE 317 (EHF R-137). ALL OTHER DATA REMAINS AS PUBLISHED. 1611201556-1707021555EST.

OROVILLE

Oroville Hospital

FDC 6/3113 CN52 SPECIAL OROVILLE HOSPITAL, OROVILLE, CA. COPTER RNAV (GPS) 090, ORIG...LNAV MDA 680/HAS 316, VISIBILITY 3/4 MILE. 1608261958-1704071958EST.

OXNARD

Oxnard

FDC 4/1864 OXR SPECIAL OXNARD AIRPORT, OXNARD, CA. FOR AFTER HOURS IFR FLT PLANS...CONTACT LOS ANGELES CENTER 661 575-2052. 1408081900-1712312359.

PALM SPRINGS

Bermuda Dunes

FDC 7/2253 UDD IAP BERMUDA DUNES, PALM SPRINGS, CA. RNAV (GPS) RWY 28, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 34:1 IS NOT CLEAR.. 1702072357-1709192357EST.

FDC 7/2251 UDD IAP BERMUDA DUNES, PALM SPRINGS, CA. VOR-C, ORIG-A...CIRCLING MDA 960/HAA 887 ALL CATS, CIRCLING VISIBILITY CAT A 1 1/4, CAT C 2 3/4. 1702072356-1709192355EST.

Palm Springs Intl

FDC 5/6343 PSP SID PALM SPRINGS INTL, PALM SPRINGS, CA. PALM SPRINGS FIVE DEPARTURE...TAKE-OFF MINIMUMS RWY 31L/R, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1508201844-1602161842EST.

PALMDALE

Palmdale Usaf Plant 42

FDC 6/0839 PMD IAP U.S. DOD PALMDALE USAF PLANT 42, PALMDALE, CA. HI ILS OR LOC/DME RWY 25, AMDT 3...CIRCLING NA SOUTH OF RWY 7-25 NA FOR CAT D AND E AIRCRAFT. CIRCLING MDA CAT C 3020/HAA 477. LANCASTER ALTIMETER SETTING MINIMUMS: CIRCLING MDA CAT C 3080/HAA 537.. 1612122151-1707242151EST.

FDC 6/0835 PMD IAP PALMDALE USAF PLANT 42, PALMDALE, CA. VOR/DME OR TACAN RWY 25, AMDT 7...CIRCLING NA SOUTH OF RWY 7-25 NA FOR CAT D AND E AIRCRAFT. CIRCLING MDA CAT A/B/C 3020/HAA 477.. 1612122148-1707242147EST.

FDC 6/0833 PMD IAP PALMDALE USAF PLANT 42, PALMDALE, CA. RNAV (GPS) RWY 25, AMDT 1A...CIRCLING NA SOUTH OF RWY 7-25 NA FOR CAT D. CIRCLING MDA CAT A/B/C 3020/HAA 477.. 1612122145-1707242145EST.

FDC 6/0831 PMD IAP PALMDALE USAF PLANT 42, PALMDALE, CA. ILS OR LOC RWY 25, AMDT 9A...CIRCLING NA SOUTH OF RWY 7-25 NA FOR CAT D AND E AIRCRAFT. SKKEE FIX MINIMUMS: CIRCLING MDA CAT A/B/C 3020/HAA 477.. 1612122144-1707242143EST.

PALO ALTO

Palo Alto

FDC 6/9142 PAO STAR PALO ALTO AIRPORT, PALO ALTO, CA. POINT REYES TWO ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1611162045-1711152359EST.

FDC 6/8949 PAO IAP PALO ALTO, PALO ALTO, CA.
GPS RWY 31, AMDT 1C...S-31 CAT A/B MDA 540/ HAT
537 . CIRCLING CAT A/B MDA 540/ HAT 537. CHART
FAS OBST: 274 POLE 372307N/1220410W. NORMAN Y
MINETA SAN JOSE INTL ALTIMETER SETTING
MINIMUMS: S-31 CAT A/B MDA 560/ HAT 557.
CIRCLING CAT A/B MDA 560/ HAT 557..
1608051447-1703171447EST.

PASO ROBLES

Paso Robles Muni

FDC 6/3192 PRB IAP PASO ROBLES MUNI, PASO
ROBLES, CA. VOR RWY 19, AMDT 4C...VDP AT 1.80
DME; DISTANCE VDP TO THLD 1.30.
1609152044-1704272044EST.

PETALUMA

Petaluma Muni

FDC 7/2303 O69 IAP PETALUMA MUNI, PETALUMA,
CA. VOR RWY 29, ORIG-D...PROCEDURE NA EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, PYE VOR OUT OF SERVICE.
1702081036-1703081036EST.

PORTERVILLE

Porterville Muni

FDC 6/2514 PTV ODP PORTERVILLE MUNI,
PORTERVILLE, CA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES
AMDT...TAKEOFF OBSTACLE NOTES: NOTE: RWY 12,
TREES BEGINNING 618 FT FROM DER, 241 FT RIGHT
OF CENTERLINE, 460 FT MSL. TREES BEGINNING
776 FT FROM DER, 192 FT LEFT OF CENTERLINE, 467
FT MSL. POLES 906 FT FROM DER, 587 FT LEFT OF
CENTERLINE, UP TO 43 FT AGL/491 FT MSL. NOTE:
RWY 30, FENCE 177 FT FROM DER, 499 FT RIGHT OF
CENTERLINE, UP TO 6 FT AGL/436 FT MSL.. ALL
OTHER DATA REMAINS AS PUBLISHED.
1611031728-1706151728EST.

RIO VISTA

Rio Vista Muni

FDC 6/4096 O88 ODP RIO VISTA MUNI, RIO VISTA,
CA. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 1A...TAKEOFF
MINIMUMS: RWY 25, STANDARD WITH MINIMUM
CLIMB OF 270 FT PER NM TO 800.. ALL OTHER DATA
REMAINS AS PUBLISHED.
1612202124-1708012124EST.

FDC 5/0407 O88 ODP RIO VISTA MUNI, RIO VISTA,
CA. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 1A...TAKEOFF
MINIMUMS: RWY 25, STANDARD WITH MINIMUM
CLIMB OF 270 FT PER NM TO 800.. ALL OTHER DATA
REMAINS AS PUBLISHED.
1508271413-1602231413EST.

RIVERSIDE

Riverside Muni

FDC 6/6140 RAL ODP RIVERSIDE MUNI, RIVERSIDE,
CA. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 10...TEXTUAL
DEPARTURE PROCEDURE : CHANGE RWY 34 TO
READ: CLIMB HEADING 345 TO 1800 THEN
CLIMBING LEFT TURN DIRECT PDZ VORTAC,
THENCE...ALL OTHER DATA REMAINS AS
PUBLISHED. 1609011412-1704131412EST.

FDC 5/5164 RAL IAP RIVERSIDE MUNI, RIVERSIDE,
CA. ILS OR LOC RWY 9, AMDT 8C...S-ILS 9
(ASTERISK) VISIBILITY 3/4 MILE ALL CATS. S-ILS 9
VISIBILITY 1 MILE ALL CATS. S-LOC 9 (ASTERISK)
VISIBILITY CATS A/B 1 MILE, CATS C/D 1 3/8 MILE.
S-LOC 9 VISIBILITY CATS A/B 1 MILE, CATS C/D 1 5/8
MILE.. DISREGARD NOTE: FOR INOPERATIVE
MALSR, INCREASE S-ILS 9 VISIBILITY TO 1 MILE..
1508191521-1602151521EST.

RIVERSIDE/RUBIDOUX/

Flabob

FDC 6/2495 RIR IAP FLABOB,
RIVERSIDE/RUBIDOUX/, CA. RNAV (GPS)-A,
ORIG...DELETE: DESCENT ANGLE 3.05/TCH 30
PROFILE NOTE: VISUAL SEGMENT- OBSTACLES.
1611031716-1706151716EST.

FDC 6/0379 RIR IAP FLABOB,
RIVERSIDE/RUBIDOUX/, CA. RNAV (GPS)-A,
ORIG...DISREGARD NOTE: VISIBILITY REDUCTION
BY HELICOPTERS NA. ADD NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1610141531-1705261531EST.

SACRAMENTO

Sacramento Intl

FDC 6/7208 SMF IAP SACRAMENTO INTL,
SACRAMENTO, CA. RNAV (RNP) Z RWY 16L, AMDT
1...RNP 0.30 DA 355/ HAT 328 ALL CATS, VISIBILITY
ALL CATS 1. TEMPORARY CRANES UP TO 317 MSL
BEGINNING 1.40NM SOUTHEAST OF RWY 16L
(2016-AWP-6564, 6565, 6566-OE).
1611141332-1706261332EST.

FDC 6/7207 SMF IAP SACRAMENTO INTL, SACRAMENTO, CA. RNAV (GPS) Y RWY 34R, AMDT 1A...LNAV/VNAV DA 530/ HAT 506 ALL CATS, VISIBILITY ALL CATS 1 5/8. LNAV MDA 620/ HAT 596 ALL CATS, VISIBILITY CATS C/D 1 3/4. CIRCLING CATS A/B/C MDA 620/ HAA 593. VDP NA. TEMPORARY CRANES UP TO 317 MSL BEGINNING 1880FT SOUTHEAST OF RWY 34R (2016-AWP-6564, 6565, 6566-OE). 1611141332-1706261332EST.

FDC 6/7206 SMF IAP SACRAMENTO INTL, SACRAMENTO, CA. RNAV (RNP) Z RWY 34R, AMDT 1...RNP 0.10 DA 483/ HAT 459 ALL CATS, VISIBILITY ALL CATS 1 1/2. RNP 0.30 DA 529/ HAT 505 ALL CATS, VISIBILITY ALL CATS 1 5/8. TEMPORARY CRANES UP TO 317 MSL BEGINNING 1880FT SOUTHEAST OF RWY 34R (2016-AWP-6564, 6565, 6566-OE). 1611141332-1706261332EST.

FDC 6/2512 SMF IAP SACRAMENTO INTL, SACRAMENTO, CA. ILS OR LOC RWY 34L, AMDT 7D...S-ILS 34L VISIBILITY RVR 2400 ALL CATS. NOTE: (ASTERISK) RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. 1611031726-1706151726EST.

Sacramento Mather

FDC 5/5118 MHR IAP SACRAMENTO MATHER, SACRAMENTO, CA. RNAV (GPS) RWY 22L, AMDT 2A...CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 MILE. 1508191450-1602151450EST.

SAN BERNARDINO

San Bernardino Intl

FDC 6/5132 SBD IAP SAN BERNARDINO INTL, SAN BERNARDINO, CA. ILS OR LOC Z RWY 6, AMDT 2B...S-LOC 6 VIS CAT C 1 5/8. CIRCLING CAT C MDA 1720/HAA 561. VIS CAT C 1 5/8. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO INTL ALTIMETER SETTING AND INCREASE ALL DA TO 1662 FEET AND ALL VISIBILITIES 1/4 MILE, INCREASE ALL MDA 80 FEET AND S-LOC CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C 1/8 MILE AND CAT D 1/2 MILE. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612272105-1708082105EST.

SAN CARLOS

San Carlos

FDC 6/9140 SQL STAR SAN CARLOS AIRPORT, SAN CARLOS, CA. POINT REYES TWO ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1611162330-1711152359EST.

FDC 6/3288 SQL IAP SAN CARLOS, SAN CARLOS, CA. RNAV (GPS) Y RWY 30, ORIG-A...CHANGE MISSED APPROACH TO READ: CLIMBING LEFT TURN TO 5100 DIRECT AMEBY, CONTINUE CLIMB-IN-HOLD TO 5100. 1609152222-1704272222EST.

SAN DIEGO

Montgomery-Gibbs Executive

FDC 6/7900 MYF ODP MONTGOMERY-GIBBS EXECUTIVE, SAN DIEGO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...DEPARTURE PROCEDURE CHANGE ALL AIRCRAFT TO READ: CLIMB DIRECT TO MZB VORTAC. AIRCRAFT DEPARTING MZB R-090 CW R-360 CLIMB ON COURSE. ALL OTHERS CLIMB IN MZB HOLDING PATTERN (HOLD W, RIGHT TURNS, 075 INBOUND) TO CROSS MZB VORTAC AT OR ABOVE 2300.. ALL OTHER DATA REMAINS AS PUBLISHED. 1612071359-1707191359EST.

FDC 6/6189 MYF IAP MONTGOMERY-GIBBS EXECUTIVE, SAN DIEGO, CA. ILS OR LOC RWY 28R, AMDT 4B...RNAV (GPS) RWY 28R, AMDT 1B...CIRCLING CATS A/B MDA 1020/ HAA 593. TEMPORARY CRANE 652 MSL 1.33 NM NORTHEAST OF MYF AIRPORT (2016-AWP-10045-OE).. 1612051339-1707171339EST.

San Diego Intl

FDC 6/5671 SAN SID SAN DIEGO INTL, SAN DIEGO, CA. POGGI FIVE DEPARTURE (RNAV)...DEPARTURE PROCEDURE NA. 1611100959-1706220959EST.

FDC 6/5628 SAN SID SAN DIEGO INTL. AIRPORT, SAN DIEGO, CA. LNSAY FIVE DEPARTURE: NOT AUTHORIZED 1611100800-1711092359.

FDC 6/5627 SAN STAR SAN DIEGO INTL. AIRPORT, SAN DIEGO, CA. LYNDI FOUR ARRIVAL: NOT AUTHORIZED 1611100800-1711092359.

FDC 6/2083 SAN ODP SAN DIEGO INTL, SAN DIEGO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 9...ADD NOTE: RWY 9, TEMPORARY CRANE 1666FT FROM DER, 744FT RIGHT OF CENTERLINE, 120FT AGL/ 157FT MSL (2016-AWP-8334-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1611221740-1707041740EST.

SAN DIEGO/EL CAJON

Gillespie Field

FDC 6/7442 SEE IAP GILLESPIE FIELD, SAN DIEGO/EL CAJON, CA. LOC-D, AMDT 11C...DISREGARD NOTE: NIGHT LANDING: RWY 9L, 17, 27L, 27R, 35 NA. NOTE: NIGHT LANDING: RWY 9L, 27L, 27R, 35 NA. 1609231856-1705051856EST.

SAN FRANCISCO

San Francisco Intl

FDC 7/2305 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, CA. OFFSHORE ONE DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2304 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, CA. MOLEN EIGHT DEPARTURE...TAKEOFF RUNWAYS 10L,10R,19L,19R: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS., PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/1363 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, CA. GAP SEVEN DEPARTURE...MOLEN EIGHT DEPARTURE...ADD TAKEOFF OBSTACLE NOTE: RWY 19R, TEMPORARY CRANE 935FT FROM DER, 609FT RIGHT OF CENTERLINE, 125FT AGL/ 135FT MSL (2016-AWP-2003-NRA). RWY 28R, TEMPORARY CRANES BEGINNING 3043FT FROM DER, 762FT RIGHT OF CENTERLINE, UP TO 120FT AGL/ 131FT MSL (2015-AWP-1790-NRA, 2015-AWP-1839 THROUGH 1842-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1702061537-1704301537EST.

FDC 7/1362 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, CA. AFIVA ONE DEPARTURE (RNAV)...GNNRR TWO DEPARTURE (RNAV)...NIITE THREE DEPARTURE (RNAV)...OFFSHORE ONE DEPARTURE...SAN FRANCISCO FOUR DEPARTURE...SNTNA TWO DEPARTURE (RNAV)...TRUKN TWO DEPARTURE (RNAV)...WESLA THREE DEPARTURE (RNAV)...ADD TAKEOFF OBSTACLE NOTE: RWY 28R, TEMPORARY CRANES BEGINNING 3043FT FROM DER, 762FT RIGHT OF CENTERLINE, UP TO 120FT AGL/ 131FT MSL (2015-AWP-1790-NRA, 2015-AWP-1839 THROUGH 1842-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1702061537-1704301537EST.

FDC 7/1361 SFO ODP SAN FRANCISCO INTL, SAN FRANCISCO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 9...ADD NOTE: RWY 19R, TEMPORARY CRANE 935FT FROM DER, 609FT RIGHT OF CENTERLINE, 125FT AGL/ 135FT MSL (2016-AWP-2003-NRA). RWY 28R, TEMPORARY CRANES BEGINNING 3043FT FROM DER, 762FT RIGHT OF CENTERLINE, UP TO 120FT AGL/ 131FT MSL (2015-AWP-1790-NRA, 2015-AWP-1839 THROUGH 1842-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1702061537-1704301537EST.

FDC 7/1360 SFO IAP SAN FRANCISCO INTL, SAN FRANCISCO, CA. RNAV (RNP) Z RWY 10R, AMDT 2A...RNP 0.20 DA 409/ HAT 399 ALL CATS. TEMPORARY CRANES UP TO 131 MSL BEGINNING 3980FT NORTHWEST OF RWY 10R (2015-AWP-1790-NRA, 2015-AWP-1839 THROUGH 1842-NRA). 1702061537-1704301537EST.

FDC 6/9115 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. POINT REYES TWO ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1611162030-1711152359EST.

FDC 6/9114 SFO STAR SAN FRANCISCO INTL, SAN FRANCISCO, RISTI FOUR ARRIVAL ADD NOTE TO READ: PROPS AND TURBO PROPS ONLY. 1611162030-1711152359.

FDC 6/7361 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. BIG SUR THREE ARRIVAL...FROM OVER BSR VORTAC TO CARME, THENCE FROM OVER CARME TO ANJEE INT REVISE MINIMUM EN ROUTE ALTITUDE TO READ: 11000FT. 1612061900-1712052359EST.

FDC 6/7354 SFO STAR SAN FRANCISCO INTL., SAN FRANCISCO, CA. BIG SUR THREE ARRIVAL...FROM OVER ANJEE INT CHANGE MINIMUM HOLDING ALTITUDE TO READ: 11000FT. 1612061900-1712052359EST.

FDC 6/6300 SFO SID SAN FRANCISCO INTL, SAN FRANCISCO, CA. OFFSHORE ONE DEPARTURE...FELLOWS TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FLW VORTAC OUT OF SERVICE. 1609211633-1705031632EST.

FDC 6/6121 SFO IAP SAN FRANCISCO INTL, SAN FRANCISCO, CA. ILS OR LOC RWY 28L, AMDT 25A...TERMINAL ROUTE ARCHI (IAF) TO PONKE/I-SFO 21.6 DME MINIMUM ALTITUDE 6000.. 1609011332-1704131332EST.

FDC 6/2791 SFO CA..SPECIAL NOTICE..SAN FRANCISCO INTERNATIONAL, CALIFORNIA, RWY STATUS LGTS ARE IN AN OPR TEST ON RWY 10L/28R, RWY 10R/28L, RWY 01L/19R, RWY 01R/19L AND MUST BE COMPLIED WITH. RWY STATUS LGT ARRAYS MAY BE OFFLINE INTERMITTENTLY THROUGHOUT THE TEST PHASE. RWY STATUS LGTS ARE RED IN-PAVEMENT LGTS THAT SERVE AS WARNING LGTS ON RWYS AND TWYS INDICATING THAT IT IS UNSAFE TO ENTER, CROSS, OR BEGIN TKOF ON A RWY. NOTE: RWY STATUS LGTS INDICATE RWY STATUS ONLY. THEY DO NOT INDICATE CLEARANCE. PILOTS AND VEHICLE OPRS MUST STILL RECEIVE A CLEARANCE FROM AIR TRAFFIC CONTROL BEFORE PROCEEDING. FOR ADDITIONAL INFORMATION VISIT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOGY/RWSL](http://www.faa.gov/air_traffic/technology/rwsl) 1611301600-1705311600.

SAN JOSE

Norman Y Mineta San Jose Intl

FDC 7/0416 SJC IAP NORMAN Y MINETA SAN JOSE INTL, SAN JOSE, CA. ILS RWY 30L (SA CAT II), AMDT 25...STRAIGHT-IN MINIMUMS NA 1701032139-1708152139EST.

FDC 6/9120 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE CA. POINT REYES TWO ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1611162030-1711152359EST.

FDC 6/7461 SJC IAP NORMAN Y MINETA SAN JOSE INTL, SAN JOSE, CA. RNAV (GPS) Y RWY 30R, AMDT 3A...LPV DA 760/ HAT 705 ALL CATS, VISIBILITY ALL CATS 2 1/2. LNAV/VNAV DA 689/ HAT 634 ALL CATS, VISIBILITY ALL CATS 2 1/4. TEMPORARY CRANE 368 MSL 1.29NM SOUTHEAST OF RWY 30R (2016-AWP-1614-OE). 1608031454-1703151454EST.

FDC 6/7016 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE CA. RAZRR THREE ARRIVAL (RNAV) HOLDING AT SCOPR NA. ALL OTHER DATA REMAINS AS PUBLISHED 1603171730-1703162359.

FDC 6/7015 SJC STAR NORMAN Y. MINETA, SAN JOSE INTL, SAN JOSE CA. SILCN THREE ARRIVAL (RNAV) HOLDING AT GSTEE NA. ALL OTHER DATA REMAINS AS PUBLISHED 1603171730-1703162359.

FDC 6/1701 SJC SID NORMAN Y MINETA SAN JOSE INTL, SAN JOSE, CA. ALMDN THREE DEPARTURE (RNAV)...TEXTUAL DEPARTURE PROCEDURE. CHANGE DEPARTURE ROUTE DESCRIPTION FROM;...ON (TRANSITION) MAINTAIN FL 190 OR LOWER FILED ALTITUDE TO READ;...ON (TRANSITION) MAINTAIN 15,000 OR LOWER FILED ALTITUDE, EXPECT HIGHER 10 MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611021944-1706141944EST.

Reid-Hillview Of Santa Clara County

FDC 6/9139 RHV STAR REID-HILLVIEW AIRPORT, REID-HILLVIEW, CA. POINT REYES TWO ARRIVAL SAC VORTAC TO POPES INT, MEA 5100. 1611162330-1711152359EST.

SAN LUIS OBISPO

San Luis County Rgnl

FDC 7/2057 SBP ODP SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6.TAKE-OFF MINIMUMS: RWY 29, STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 1700. NOTE: RWY 11, FENCE 14 FT FROM DER, 492 FT LEFT OF CENTERLINE, 6 FT AGL/214 FT MSL. TREE 295 FT FROM DER, 565 FT LEFT OF CENTERLINE, 27 FT AGL/235 FT MSL. RD 397 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 223 FT MSL. TREES BEGINNING 498 FT FROM DER, 383 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/240 FT MSL. RD 599 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 240 FT MSL. RD, BLDG, BEGINNING 621 FT FROM DER, 269 FT RIGHT OF CENTERLINE, UP TO 247 FT MSL. TREE, GRD BEGINNING 994 FT FROM DER, 596 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/262 FT MSL. TREES BEGINNING 1059 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/246 FT MSL. TREE 1060 FT FROM DER, 751 FT RIGHT OF CENTERLINE, 54 FT AGL/311 FT MSL. POLE, GRD BEGINNING 1101 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/253 FT MSL. TREE, POLE, TRAFFIC LIGHTS/SI, GRD, BLDG, RD BEGINNING 1106 FT FROM DER, ON CENTERLINE, UP TO 56 FT AGL/316 FT MSL. GRD 1696 FT FROM DER, 96 FT LEFT OF CENTERLINE, 256 FT MSL. GRD BEGINNING 1883 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 261 FT MSL. RD 1980 FT FROM DER, 561 FT LEFT OF CENTERLINE, 264 FT MSL. TREE, GRD ALL OTHER DATA REMAINS AS PUBLISHED. FDC 7/2057 SBP ODP SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. BEGINNING 1989 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/284 FT MSL. TREE, GRD, BLDG, POLE, RD, LT POLE BEGINNING 2099 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/290 FT MSL. BLDG, RD BEGINNING 2245 FT FROM DER, 592 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/291 FT MSL. EQUIP ON BLDG, RD BEGINNING 2400 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/294 FT MSL. NOTE: RWY 29, TREES BEGINNING 69 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/176 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072114-1709192114EST

FDC 7/2055 SBP SID SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. AVILA THREE DEPARTURE.NOTE: RWY 11, FENCE 14 FT FROM DER, 492 FT LEFT OF CENTERLINE, 6 FT AGL/214 FT MSL. TREE 295 FT FROM DER, 565 FT LEFT OF CENTERLINE, 27 FT AGL/235 FT MSL. RD 397 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 223 FT MSL. TREES BEGINNING 498 FT FROM DER, 383 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/240 FT MSL. RD 599 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 240 FT MSL. RD, BLDG. BEGINNING 621 FT FROM DER, 269 FT RIGHT OF CENTERLINE, UP TO 247 FT MSL. TREE, GRD BEGINNING 994 FT FROM DER, 596 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/262 FT MSL. TREES BEGINNING 1059 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/246 FT MSL. TREE 1060 FT FROM DER, 751 FT RIGHT OF CENTERLINE, 54 FT AGL/311 FT MSL. POLE, GRD BEGINNING 1101 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/253 FT MSL. TREE, POLE, TRAFFIC LIGHTS/SI, GRD, BLDG, RD BEGINNING 1106 FT FROM DER, ON CENTERLINE, UP TO 56 FT AGL/316 FT MSL. GRD 1696 FT FROM DER, 96 FT LEFT OF CENTERLINE, 256 FT MSL. GRD BEGINNING 1883 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 261 FT MSL. RD 1980 FT FROM DER, 561 FT LEFT OF CENTERLINE, 264 FT MSL. TREE, GRD BEGINNING 1989 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/284 FT MSL. TREE, GRD, BLDG, POLE, RD, LT POLE BEGINNING 2099 ALL OTHER DATA REMAINS AS PUBLISHED. FDC 7/2055 SBP SID SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/290 FT MSL. BLDG, RD BEGINNING 2245 FT FROM DER, 592 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/291 FT MSL. EQUIP ON BLDG, RD BEGINNING 2400 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/294 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072112-1709192112EST

FDC 7/2052 SBP IAP SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. RNAV (GPS) RWY 11, AMDT 1A...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 4500 DIRECT FABEG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500. 1702072111-1709192111EST.

FDC 6/7530 SBP SID SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. CREPE THREE DEPARTURE...NOTE: RWY 29, TREES BEGINNING 69 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/176 FT MSL. FENCE 2.2 NM FROM DER, 2713 FT RIGHT OF CENTERLINE, 3 FT AGL/565 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1608191115-1703311115EST.

FDC 6/6477 SBP SID SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. WYNNR THREE DEPARTURE.TAKE-OFF MINIMUMS: RWY 11, STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 3000. NOTE: RWY 11, FENCE 14 FT FROM DER, 492 FT LEFT OF CENTERLINE, 6 FT AGL/214 FT MSL. TREE 295 FT FROM DER, 565 FT LEFT OF CENTERLINE, 27 FT AGL/235 FT MSL. RD 397 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 223 FT MSL. TREES BEGINNING 498 FT FROM DER, 383 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/240 FT MSL. RD 599 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 240 FT MSL. RD, BLDG, BEGINNING 621 FT FROM DER, 269 FT RIGHT OF CENTERLINE, UP TO 247 FT MSL. TREE, GRD BEGINNING 994 FT FROM DER, 596 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/262 FT MSL. TREES BEGINNING 1059 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/246 FT MSL. TREE 1060 FT FROM DER, 751 FT RIGHT OF CENTERLINE, 54 FT AGL/311 FT MSL. POLE, GRD BEGINNING 1101 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/253 FT MSL. TREE, POLE, TRAFFIC LIGHTS/SI, GRD, BLDG, RD BEGINNING 1106 FT FROM DER, ON CENTERLINE, UP TO 56 FT AGL/316 FT MSL. GRD 1696 FT FROM DER, 96 FT LEFT OF CENTERLINE, 256 FT MSL. GRD BEGINNING 1883 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 261 FT MSL. RD 1980 FT FROM DER, 561 FT LEFT OF CENTERLINE, 264 FT MSL. TREE, GRD ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/6477 SBP SID SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. BEGINNING 1989 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/284 FT MSL. TREE, GRD, BLDG, POLE, RD, LT POLE BEGINNING 2099 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/290 FT MSL. BLDG, RD BEGINNING 2245 FT FROM DER, 592 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/291 FT MSL. EQUIP ON BLDG, RD BEGINNING 2400 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/294 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611102038-1706222037EST

FDC 6/4335 SBP IAP SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. ILS RWY 11, AMDT 2B...S-ILS 11 DA 550/ HAT 352 ALL CATS, VISIBILITY ALL CATS 3/4. TEMPORARY CRANES 469 MSL BEGINNING 3452FT SOUTHEAST OF RWY 11 (2016-AWP-845-NRA, 2016-AWP-988-NRA). 1609191421-1705011421EST.

FDC 6/4334 SBP IAP SAN LUIS COUNTY RGNL, SAN LUIS OBISPO, CA. RNAV (GPS) RWY 11, AMDT 1A...LPV DA 550/ HAT 352 ALL CATS, VISIBILITY ALL CATS 3/4. TEMPORARY CRANES 469 MSL BEGINNING 3452FT SOUTHEAST OF RWY 11 (2016-AWP-845-NRA, 2016-AWP-988-NRA). 1609191421-1705011421EST.

SANTA ANA

John Wayne Airport-Orange County

FDC 6/5619 SNA STAR JOHN WAYNE/ORANGE COUNTY AIRPORT, SANTA ANA, CA. TANDY FOUR ARRIVAL: FLW TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1611100800-1711092359.

FDC 6/2394 SNA IAP JOHN WAYNE AIRPORT-ORANGE COUNTY, SANTA ANA, CA. RNAV (RNP) Z RWY 20R, AMDT 2...RNP 0.11 DA 402/ HAT 347 ALL CATS, VISIBILITY ALL CATS RVR 5000. TEMPORARY CRANE 200 SML 1788FT NORTHWEST OF RWY 20R (2016-AWP-2458-OE) 1612151622-1707271622EST.

SANTA BARBARA

Santa Barbara Muni

FDC 6/5668 SBA ODP SANTA BARBARA MUNI, SANTA BARBARA, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...NOTE: RWY 25, NAVAID 2 FT FROM DER, 253 FT LEFT OF CENTERLINE, 13 FT MSL. TREE 13 FT FROM DER, 486 FT LEFT OF CENTERLINE, 12 FT AGL/21 FT MSL. VEHICLE ON ROAD, 489 FT FROM DER, 593 FT RIGHT OF CENTERLINE, 27 FT MSL. TREES BEGINNING 1612 FT FROM DER, 799 FT LEFT OF CENTERLINE, UP TO 65 FT MSL. TREES BEGINNING 2299 FT FROM DER, 312 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/88 FT MSL. TREE AND A POLE BEGINNING 2487 FT FROM DER, 128 FT RIGHT OF CENTERLINE, UP TO 100 FT MSL. TREES BEGINNING 3141 FT FROM DER, 183 FT RIGHT OF CENTERLINE, UP TO 110 FT MSL. TREE 3979 FT FROM DER, 1144 FT RIGHT OF CENTERLINE, 117 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1611100956-1706220956EST.

FDC 6/5644 SBA ODP SANTA BARBARA MUNI, SANTA BARBARA, CA. MISHN ONE (RNAV)...TAKEOFF MINIMUMS: RWY 33L/R - N/A, ATC. RWY 07, 15 L/R, 25 - STANDARD WITH A MINIMUM CLIMB OF 500 FT/NM TO 520. ALL OTHER DATA REMAINS AS PUBLISHED. 1611100924-1706220924EST.

FDC 6/5626 SBA STAR SANTA BARBARA MUNI. AIRPORT, SANTA BARBARA, CA. PITBL ONE ARRIVAL: NOT AUTHORIZED 1611100800-1704262359.

FDC 6/1684 SBA IAP SANTA BARBARA MUNI, SANTA BARBARA, CA. ILS OR LOC RWY 7, AMDT 5A...S-ILS 7 DA 274/HAT 263 ALL CATS. DISREGARD NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXNARD ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 100 FEET, AND S-ILS VISIBILITY TO RVR 4000, S-LOC CAT C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000. INCREASE CIRCLING CAT A VISIBILITY 1/4 MILE, CAT C VISIBILITY 1/2 MILE. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR WHEN USING OXNARD ALTIMETER SETTING, INCREASE S-ILS 7 ALL CATS VISIBILITY TO 1 1/4 SM. 1612141421-1707261420EST.

SANTA MARIA

Santa Maria Pub/Capt G Allan Hancock Fld

FDC 6/7791 SMX IAP SANTA MARIA PUB/CAPT G ALLAN HANCOCK FLD, SANTA MARIA, CA. RNAV (GPS) RWY 30, ORIG-C...NOTE: STRAIGHT-IN RWY 30 AND CIRCLING RWY 30 NA AT NIGHT. NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. 1609261147-1705081142EST.

SANTA MONICA

Santa Monica Muni

FDC 7/2518 SMO ODP SANTA MONICA MUNI, SANTA MONICA, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...DEPARTURE PROCEDURE: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

FDC 6/4855 SMO STAR SANTA MONICA MUNICIPAL AIRPORT, SANTA MONICA, CA. KIMMO3 ARRIVAL...LANDING SMO, FROM OVER DARTS INT, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE. 1609192100-1703302359.

FDC 6/0144 SMO IAP SANTA MONICA MUNI, SANTA MONICA, CA. VOR-A, AMDT 11...NOTE: CIRCLING RWY 3 NA AT NIGHT. NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1611172003-1706292003EST.

SANTA ROSA

Charles M Schulz - Sonoma County

FDC 7/2310 STS SID CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. FREES NINE DEPARTURE...MENDOCINO TRANSITION, POINT REYES TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2309 STS IAP CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. ILS OR LOC/DME RWY 32, AMDT 19A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2307 STS SID CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. CHARLIE FIVE DEPARTURE...DEPARTURE PROCEDURE LOST COMMUNICATIONS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 7/2306 STS IAP CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. VOR/DME RWY 14, AMDT 3B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PYE VOR OUT OF SERVICE. 1702081036-1703081036EST.

FDC 6/1843 STS IAP CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. ILS OR LOC/DME RWY 32, AMDT 19A...RNAV (GPS) RWY 2, ORIG-D...RNAV (GPS) RWY 32, AMDT 1B...NOTE: CIRCLING RWY 14, 20 NA AT NIGHT. 1610031339-1705151339EST.

FDC 6/1842 STS IAP CHARLES M SCHULZ - SONOMA COUNTY, SANTA ROSA, CA. RNAV (GPS) RWY 14, AMDT 2A...VOR/DME RWY 14, AMDT 3B...NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. NOTE: CIRCLING RWY 20 NA AT NIGHT. 1610031339-1705151339EST.

SOUTH LAKE TAHOE

Lake Tahoe

FDC 6/4093 TVL ODP LAKE TAHOE, SOUTH LAKE TAHOE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKE-OFF MINIMUMS: RWY 18, STANDARD WITH MINIMUM CLIMB OF 832 FEET PER NM TO 11500, OR 1700 - 3 WITH MINIMUM CLIMB OF 715 FEET PER NM TO 11500, 6200-6 FOR CLIMB IN VISUAL CONDITIONS. RWY 36, 300 - 2 OR STANDARD WITH MINIMUM OF 269 FEET PER NM TO 6500, 6200-6 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 18, CLIMB HEADING 177 TO 7900 THEN CLIMBING RIGHT TURN TO INTERCEPT SWR R-133 TO SWR VOR/DME...RWY 36, CLIMB HEADING 357 TO INTERCEPT SWR R-113 TO SWR VOR/DME.....THEN PROCEED ON COURSE. RWY 18,36, FOR CLIMB IN VISUAL CONDITIONS: REMAIN WITHIN 3NM, CROSS SOUTH LAKE TAHOE AIRPORT AT OR ABOVE 12400 FT MSL THEN PROCEED ON SWR R-127 TO SWR VOR/DME, INFORM ATC WHEN VCOA WILL BE FLOWN. ALL OTHER DATA REMAINS AS PUBLISHED. 1612202122-1708012122EST.

FDC 6/2829 TVL IAP LAKE TAHOE, SOUTH LAKE TAHOE, CA. LDA/DME 1 RWY 18, AMDT 7B...LDA/DME 2 RWY 18, AMDT 1B...S-18 VIS 6 ALL CATS. CIRCLING VIS 6 ALL CATS. FLY VISUAL 172 DEGREES - 4.5NM. 1611261514-1707081514EST.

FDC 6/2827 TVL IAP LAKE TAHOE, SOUTH LAKE TAHOE, CA. GPS RWY 18, ORIG-A...S-18 VIS 4 ALL CATS. CIRCLING VIS 4 ALL CATS. FLY VISUAL 172 DEGREES - 2.7 NM.. 1611261512-1707081512EST.

TORRANCE

Zamperini Field

FDC 7/2516 TOA IAP ZAMPERINI FIELD, TORRANCE, CA. VOR RWY 11L, AMDT 16...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SMO VOR/DME OUT OF SERVICE. 1702081741-1703101741EST.

UKIAH

Ukiah Muni

FDC 6/9449 UKI IAP UKIAH MUNI, UKIAH, CA. LOC RWY 15, AMDT 5C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, KEARN (UK) LOM OUT OF SERVICE. 1611171434-1706291434EST.

UPLAND

Cable

FDC 6/6693 CCB ODP CABLE, UPLAND, CA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY
6, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB
OF 325 FT PER NM TO 1900. ALL OTHER DATA
REMAINS AS PUBLISHED.
1611121441-1706241441EST.

VACAVILLE

Nut Tree

FDC 6/0377 VCB ODP NUT TREE, VACAVILLE, CA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 4...DEPARTURE PROCEDURE
NA. 1610141530-1705261530EST.

FDC 6/0348 VCB IAP NUT TREE, VACAVILLE, CA.
RNAV (GPS) Y RWY 20, ORIG-A...RNAV (GPS) Z RWY
20, ORIG-B...PROCEDURE NA.
1610141524-1705261524EST.

FDC 6/0340 VCB SID NUT TREE, VACAVILLE, CA.
SOKOY TWO DEPARTURE...DEPARTURE
PROCEDURE NA. 1610141523-1705261523EST.

VAN NUYS

Van Nuys

FDC 7/7090 VNY SID VAN NUYS, VAN NUYS, CA.
ADAMM TWO DEPARTURE...CANOGA TWO
DEPARTURE...NEWHALL NINE DEPARTURE...ADD
TAKEOFF OBSTACLE NOTE: RWY 16L, TEMPORARY
CRANE 528FT FROM DER, 533FT LEFT OF
CENTERLINE, 100FT AGL/ 869FT MSL
(2016-AWP-305-NRA). ALL OTHER DATA REMAINS
AS PUBLISHED. 1701261730-1702281730EST.

FDC 7/7089 VNY ODP VAN NUYS, VAN NUYS, CA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 6...ADD NOTE: RWY 16L,
TEMPORARY CRANE 528FT FROM DER, 533FT LEFT
OF CENTERLINE, 100FT AGL/ 869FT MSL
(2016-AWP-305-NRA). ALL OTHER DATA REMAINS
AS PUBLISHED. 1701261730-1702281730EST.

FDC 7/4029 VNY IAP VAN NUYS, VAN NUYS, CA. ILS
Y RWY 16R, AMDT 6...RADAR REQUIRED. SANTA
MONICA VOR/DME (SMO) 110.8/CHANNEL 45.
DISREGARD NOTE: AUTOPILOT COUPLED
APPROACH NA BELOW 1990.
1701122342-1708242342EST.

FDC 7/2526 VNY IAP VAN NUYS, VAN NUYS, CA. ILS
Y RWY 16R, AMDT 6...ILS Z RWY 16R, AMDT
1...PROCEDURE NA EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, SMO VOR/DME OUT OF SERVICE.
1702081741-1703101741EST.

FDC 7/2525 VNY IAP VAN NUYS, VAN NUYS, CA.
LDA-C, AMDT 3...MISSED APPROACH: CLIMB TO
4000 ON VNY VOR/DME R-101 TO AMTRA INT AND
HOLD, SMO VOR/DME OUT OF SERVICE.
1702081741-1703101741EST.

FDC 7/2519 VNY IAP VAN NUYS, VAN NUYS, CA.
VOR-A, AMDT 4C...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, SMO VOR/DME OUT OF
SERVICE. 1702081741-1703101741EST.

FDC 6/5669 VNY IAP VAN NUYS, VAN NUYS, CA.
VOR-B, AMDT 4...ALTERNATE MINIMUMS: CAT A/B
900-2, CAT C 900-2 1/2, CAT D 1000-3.
1611100957-1706220957EST.

FDC 6/3819 VNY STAR VAN NUYS AIRPORT, VAN
NUYS CA. JANNY TWO ARRIVAL: PROCEDURE NA.
1609161815-1709162359.

VICTORVILLE

Southern California Logistics

FDC 6/5582 VCV IAP SOUTHERN CALIFORNIA
LOGISTICS, VICTORVILLE, CA. VOR/DME RWY 17,
AMDT 1...PROCEDURE NA.. VICTORVILLE (VCV)
DME OUT OF SERVICE. 1610241619-1706051619EST.

VISALIA

Visalia Muni

FDC 6/3619 VIS IAP VISALIA MUNI, VISALIA, CA.
RNAV (GPS) RWY 30, AMDT 1A...LPV DA 545/HAT 250,
VIS 3/4 ALL CATS. LNAV/VNAV VIS 3/4 ALL CATS.
LNAV MDA 660/HAT 365, VIS 3/4 ALL CATS.
CIRCLING CAT A MDA 740/HAA 445. NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. NOTE:
INOPERATIVE DOES NOT APPLY TO LPV AND
LNAV/VNAV. CHANGE FOR INOPERATIVE MALSR,
INCREASE LNAV/VNAV ALL CATS NOTE TO READ:
FOR INOPERATIVE MALSR, INCREASE LNAV ALL
CATS VISIBILITY TO 1 MILE. CHANGE FOR
INOPERATIVE MALSR WHEN USING HANFORD
ALTIMETER SETTING NOTE TO READ: FOR
INOPERATIVE MALSR WHEN USING HANFORD
ALTIMETER SETTING, INCREASE LPV AND
LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE,
LNAV CAT A/B TO 1 MILE AND CAT C/D TO 1 1/8
MILE. 1610201159-1706011159EST.

FDC 6/3529 VIS IAP VISALIA MUNI, VISALIA, CA.
RNAV (GPS) RWY 12, AMDT 1B...CIRCLING CAT A
MDA 740/HAA 445. CHANGE LOCAL ALTIMETER
SETTING NOTE TO READ: WHEN LOCAL ALTIMETER
SETTING NOT RECEIVED, USE HANFORD
ALTIMETER SETTING: INCREASE ALL DA 34 FT AND
ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40
FT AND LNAV CAT C/D VISIBILITY 1/8 MILE.
1610192244-1705312244EST.

FDC 6/3526 VIS IAP VISALIA MUNI, VISALIA, CA. ILS OR LOC/DME RWY 30, AMDT 7A...S-ILS 30 DA 545/HAT 250, VIS 3/4 ALL CATS. S-LOC 30 MDA 640/HAT 345, VIS 3/4 ALL CATS. CIRCLING CAT A MDA 740/HAA 445. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 30. NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 30 ALL CATS VISIBILITY TO 1 MILE. NOTE: FOR INOPERATIVE MALSR WHEN USING HANFORD ALTIMETER SETTING, INCREASE S-ILS 30 ALL CATS VISIBILITY TO 7/8 MILE, S-LOC 30 CAT A/B TO 1 MILE AND CAT C/D TO 1 1/8 MILE. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HANFORD ALTIMETER SETTING AND INCREASE ALL DA 34 FT AND ALL MDA 40 FT. 1610192240-1705312240EST.

WATSONVILLE

Watsonville Muni

FDC 6/5703 WVI IAP WATSONVILLE MUNI, WATSONVILLE, CA. VOR/DME-A, AMDT 1...NOTE: RWY 9, 27 CIRCLING NA AT NIGHT. NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. 1612301732-1708111732EST.

FDC 6/5702 WVI IAP WATSONVILLE MUNI, WATSONVILLE, CA. LOC RWY 2, AMDT 4A...NOTE CIRCLING RWY 9, 27 NA AT NIGHT. NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DISREGARD NOTE: CIRCLING NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY BELOW 1 SM NOT AUTHORIZED.. 1612301732-1708111732EST.

FDC 6/5701 WVI IAP WATSONVILLE MUNI, WATSONVILLE, CA. RNAV (GPS) RWY 2, AMDT 1B...NOTE CIRCLING RWY 9, 27 NA AT NIGHT. NOTE: RWY 9, 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DISREGARD NOTE: CIRCLING NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY BELOW 1 SM NOT AUTHORIZED.. 1612301732-1708111732EST.

WILLITS

Ells Field-Willits Muni

FDC 7/6338 O28 IAP ELLS FIELD-WILLITS MUNI, WILLITS, CA. RNAV (GPS) RWY 34, AMDT 1B...STRAIGHT-IN MINIMUMS NA. 1701201832-1709011832EST.

COLORADO

AURORA

Buckley AFB

FDC 7/0979 BKF CHART BUCKLEY AFB, AURORA, CO. YELLOWSTONE ONE DEPARTURE (YELLOW.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051251-PERM.

COLORADO SPRINGS

City Of Colorado Springs Muni

FDC 6/1942 COS IAP CITY OF COLORADO SPRINGS MUNI, COLORADO SPRINGS, CO. ILS OR LOC RWY 17L, AMDT 3...RADAR REQUIRED FOR PROCEDURE ENTRY LCZR CRS UNUSABLE BYND I-LPI 18DME, BELOW 10000. 1611220241-1707040241EST.

CORTEZ

Cortez Muni

FDC 6/6159 CEZ IAP CORTEZ MUNI, CORTEZ, CO. VOR RWY 21, AMDT 5A...S-21 MDA 6660 /HAT 747 ALL CATS, VISIBILITY CAT B 1 1/4. CIRCLING MDA CATS A/B/C 6660 /HAA 742, VISIBILITY CAT B 1 1/4, CAT C 2 1/4. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609011441-1704131441EST.

CRAIG

Craig-Moffat

FDC 7/4272 CAG IAP CRAIG-MOFFAT, CRAIG, CO. VOR/DME RWY 7, AMDT 2C...CIRCLING CAT A MDA 7220/HAA 1022, CAT B MDA 7320/HAA 1122, CAT C/D MDA 7420/HAA 1222. AIRPORT ELEVATION 6198. NOTE: CIRCLING RWY 25 NA AT NIGHT. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701132058-1708252058EST.

FDC 7/4270 CAG IAP CRAIG-MOFFAT, CRAIG, CO. GPS RWY 7, ORIG...S-7 MDA 6940/HAT 747 ALL CATS. CIRCLING CAT A MDA 7220/HAA 1022, CAT B MDA 7320/HAA 1122, CAT C/D MDA 7420/HAA 1222. AIRPORT ELEVATION 6198. TDZE 6193. NOTE: CIRCLING RWY 25 NA AT NIGHT. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701132057-1708252057EST.

FDC 7/4268 CAG IAP CRAIG-MOFFAT, CRAIG, CO. GPS RWY 25, ORIG...S-25 MDA 7380/HAT 1182 ALL CATS, CIRCLING CATS A/B MDA 7380/HAA 1182, CATS C/D MDA 7420/HAA 1222. AIRPORT ELEVATION 6198. TDZE 6198. NOTE: STRAIGHT-IN RWY 25 NA AT NIGHT, CIRCLING RWY 25 NA AT NIGHT. NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701132054-1708252054EST.

FDC 7/4266 CAG IAP CRAIG-MOFFAT, CRAIG, CO. VOR RWY 25, AMDT 3A...S-25 MDA 7820/HAT 1622 ALL CATS, CIRCLING MDA 7820/HAA 1622 ALL CATS. DME MINIMA: S-25 MDA 7380/HAT 1182 ALL CATS. CIRCLING CATS A/B MDA 7380/HAA 1182, CATS C/D MDA 7420/HAA 1222.. AIRPORT ELEVATION 6198. TDZE 6198. NOTE: STRAIGHT-IN RWY 25 NA AT NIGHT, CIRCLING RWY 25 NA AT NIGHT. NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701132051-1708252051EST.

DENVER

Centennial

FDC 7/8043 APA IAP CENTENNIAL, DENVER, CO. RNAV (GPS) RWY 28, AMDT 1B...LNAV/VNAV DA 6258/ HAT 445 ALL CATS, VISIBILITY ALL CATS 1 1/2. LNAV MDA 6360/ HAT 547 ALL CATS, VISIBILITY CATS C/D 1 5/8. CIRCLING CATS A/B/C MDA 6400/ HAA 515. VDP NA. TEMPORARY CRANE 6045 MSL 3585FT SOUTHWEST OF RWY 28 (2016-ANM-2462-OE), TOWER 6012 MSL 2.50NM EAST OF RWY 28 (2013-ANM-2875-OE). 1701261500-1704111500EST.

FDC 7/0980 APA CHART CENTENNIAL, DENVER, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051254-PERM.

FDC 6/3307 APA IAP CENTENNIAL, DENVER, CO. ILS OR LOC/DME RWY 35R, AMDT 10...CHANGE MISSED APPROACH TO READ: CLIMB TO 7400 THEN CLIMBING RIGHT TURN TO 9200 ON HEADING 160 AND FQF R-197 TO HOHUM INT/BJC R-146.80 AND HOLD. 1610051230-1705171230EST.

FDC 5/4041 APA IAP CENTENNIAL, DENVER, CO. ILS OR LOC/DME RWY 35R, AMDT 10...CHANGE GLIDESLOPE FROM 3.00/TCH 53 TO 3.10/TCH 58. S-LOC 35R MINIMUMS NA. SIDESTEP 35L MINIMUMS NA. CIRCLING MINIMUMS NA. LECET FIX MINIMUMS (DME REQUIRED) NA. 1509021703-1602291703EST.

FDC 5/0400 APA IAP CENTENNIAL, DENVER, CO. RNAV (GPS) Y RWY 35R, AMDT 2...RNAV (GPS) Z RWY 35R, AMDT 1...LPV DA 6972/ HAT 1087 ALL CATS, VISIBILITY ALL CATS 3. ADD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. 1508271410-1602231410EST.

Denver Intl

FDC 7/7823 DEN SID DENVER INTL, DENVER, CO. JMPRS TWO DEPARTURE (RNAV)...PROCEDURE NA. 1701251918-1709061918EST.

FDC 7/0973 DEN CHART DENVER INTL, DENVER, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051246-PERM.

FDC 6/3749 DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 25, ORIG-B...RNP 0.30 DA 5792/HAT 437 ALL CATS.. 1610201307-1706011307EST.

Front Range

FDC 7/0997 FTG CHART FRONT RANGE, DENVER, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051257-PERM.

Rocky Mountain Metropolitan

FDC 7/0976 BJC CHART ROCKY MOUNTAIN METROPOLITAN, DENVER, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051249-PERM.

EAGLE

Eagle County Rgnl

FDC 6/6167 EGE SPECIAL EAGLE COUNTY RGNL, EAGLE, CO. RNAV-E, AMDT 1...NOTE: NIGHT LANDING RWY 7 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609011444-1704131444EST.

FDC 6/0391 EGE SPECIAL EAGLE COUNTY RGNL, EAGLE, CO. ILS OR LOC/DME RWY 25, ORIG...DISREGARD FIX NAME ZUXAS. MISSED APPROACH POINT I-EGE 1.5 DME OR RWY 25 THRESHOLD
3938.670N-10654.007W....1610141536-1705261536EST.

FORT COLLINS/LOVELAND

Fort Collins-Loveland Muni

FDC 7/1000 FNL CHART FORT COLLINS-LOVELAND MUNI, FORT COLLINS/LOVELAND, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051301-PERM.

FDC 6/9761 FNL IAP FORT COLLINS-LOVELAND MUNI, FORT COLLINS/LOVELAND, CO. RNAV (GPS) RWY 33, AMDT 1A...CIRCLING CAT A MDA 5580/ HAA 564. TEMPORARY CRANE 5223 MSL 3591FT SOUTHEAST OF FNL AIRPORT (2016-ANM-1778-OE). 1611181700-1703111700EST.

FDC 6/9759 FNL IAP FORT COLLINS-LOVELAND MUNI, FORT COLLINS/LOVELAND, CO. ILS OR LOC RWY 33, AMDT 6B...RNAV (GPS) RWY 15, ORIG...VOR/DME-A, AMDT 7...CIRCLING CATS A/B/C MDA 5580/ HAA 564. TEMPORARY CRANE 5223 MSL 3591FT SOUTHEAST OF FNL AIRPORT (2016-ANM-1778-OE). 1611181700-1703111700EST.

FORT MORGAN

Fort Morgan Muni

FDC 6/2656 FMM IAP FORT MORGAN MUNI, FORT MORGAN, CO. RNAV (GPS) RWY 14, AMDT 1...LNAV MDA NA. 1611232114-1707052113EST.

GRAND JUNCTION

Grand Junction Regional

FDC 7/5632 GJT SID GRAND JUNCTION REGIONAL, GRAND JUNCTION, CO. GRAND JUNCTION SEVEN DEPARTURE...DISREGARD NOTE: TOP ALTITUDE: 6000. NOTE: TOP ALTITUDE: 14000. ALL OTHER DATA REMAINS AS PUBLISHED.
1701181941-1708301941EST.

FDC 6/6690 GJT IAP GRAND JUNCTION REGIONAL, GRAND JUNCTION, CO. ILS OR LOC RWY 11, AMDT 16B...LDA/DME RWY 29, ORIG-C...NOTE: ALTERNATE MINIMUMS: NA WHEN CONTROL TOWER CLOSED.
1611121439-1706241439EST.

GREELEY

Greeley-Weld County

FDC 7/0999 GXY CHART GREELEY-WELD COUNTY, GREELEY, CO. YELLOWSTONE ONE DEPARTURE (YELLO1.DEN)...CORRECT PLANVIEW: CHANGE NOTE TO READ THE 8000 MOCA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION INSTEAD OF THE 8000 MOCHA ON THE DEN VOR/DME TO YOKES SEGMENT APPLIES ONLY TO THE HANKI TRANSITION. 1701051259-PERM.

FDC 6/0420 GXY IAP GREELEY-WELD COUNTY, GREELEY, CO. ILS OR LOC/DME RWY 35, AMDT 3...RNAV (GPS) RWY 10, AMDT 1A...RNAV (GPS) RWY 17, AMDT 1...RNAV (GPS) RWY 28, AMDT 1...RNAV (GPS) RWY 35, AMDT 1...CIRCLING CATS B/C MDA 5320/ HAA 623, VISIBILITY CAT C 1 3/4. TEMPORARY CRANE 4954 MSL 2.33NM SOUTHWEST OF GXY AIRPORT (2016-ANM-1583-OE). 1611181300-1706301300EST.

FDC 6/0418 GXY IAP GREELEY-WELD COUNTY, GREELEY, CO. VOR-A, AMDT 10...CIRCLING CATS B/C MDA 5320/ HAA 623. WESAR FIX MINIMUMS (DME OR RADAR REQUIRED) CIRCLING CATS B/C MDA 5320/ HAA 623, VISIBILITY CAT C 1 3/4. TEMPORARY CRANE 4954 MSL 2.33NM SOUTHWEST OF GXY AIRPORT (2016-ANM-1583-OE). 1611181300-1706301300EST.

GUNNISON

Gunnison-Crested Butte Rgnl

FDC 6/6156 GUC SPECIAL GUNNISON-CRESTED BUTTE RGNL, GUNNISON, CO. ILS/DME (FMS) RWY 6, ORIG...CHANGE KEEZR FROM I-GUC 15.8 DME TO I-GUC 16.11 DME. CHANGE PLATO FROM I-GUC 7.7 DME TO I-GUC 7.89 DME. TERMINAL ROUTE FROM I-GUC 20.9 DME TO KEEZR: MINIMUM ALTITUDE 11400. TERMINAL ROUTE FROM KEEZR TO GS INCPT: MINIMUM ALTITUDE 10300. MIN GS INCPT 10300. TCH 49 FT. S-LOC 6 NA.
1609011439-1704131439EST.

HAYDEN

Yampa Valley

FDC 7/0824 HDN IAP YAMPA VALLEY, HAYDEN, CO. RNAV (GPS) RWY 28, AMDT 3...PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.35 DEGREES. DISREGARD PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.46 DEGREES.
1701042339-1708162339EST.

FDC 5/5129 HDN IAP YAMPA VALLEY, HAYDEN, CO. RNAV (GPS) RWY 28, AMDT 2B...DESCENT ANGLE 3.60/55 TCH NA. 1508191455-1602151455EST.

MONTE VISTA

Monte Vista Muni

FDC 6/6688 MVI ODP MONTE VISTA MUNI, MONTE VISTA, CO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...CHANGE DEPARTURE PROCEDURE TO READ: RWY 2, CLIMBING RIGHT TURN, THENCE...RWY 20, CLIMBING LEFT TURN, THENCE.....DIRECT ALS VORTAC. CONTINUE CLIMB IN ALS VORTAC HOLDING PATTERN (SE, RIGHT TURNS, 301 INBOUND) TO DEPART ALS VORTAC AT AIRWAY MEA/MCA, ALL OTHERS CLIMB TO 16000.ALL OTHER DATA REMAINS AS PUBLISHED. 1611121437-1706241437EST.

RIFLE

Garfield County Rgnl

FDC 6/6147 RIL IAP GARFIELD COUNTY RGNL, RIFLE, CO. RNAV (RNP) Z RWY 8, AMDT 1A...RNP 0.10 DA* NA. 1609011432-1704131432EST.

STEAMBOAT SPRINGS

Steamboat Springs/Bob Adams Field

FDC 5/6363 SBS IAP STEAMBOAT SPRINGS/BOB ADAMS FIELD, STEAMBOAT SPRINGS, CO. RNAV (GPS)-E, ORIG...CIRCLING MDA 8240/HAA 1358 ALL CATS. 1508201859-1602161859EST.

WRAY

Wray Muni

FDC 7/6420 2V5 IAP WRAY MUNI, WRAY, CO. RNAV (GPS) RWY 17, AMDT 1A...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 44.6)... 1701202116-1709011211EST.

CONNECTICUT

BRIDGEPORT

Igor I Sikorsky Memorial

FDC 7/2131 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. RNAV (GPS) RWY 24, ORIG-A...LNAV MDA NA. NOTE: NIGHT LANDING: RWY 24 NA. 1702072243-1709192243EST.

FDC 6/5489 BDR IAP IGOR I SIKORSKY MEMORIAL, BRIDGEPORT, CT. VOR RWY 24, AMDT 16...TERMINAL ROUTE FROM CMK VOR/DME TO BDR VOR/DME NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. NOTE: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. NOTE: STRAIGHT-IN RWY 24 NA AT NIGHT. 1612011946-1704271946EST.

DANBURY

Danbury Muni

FDC 7/4041 DXR ODP DANBURY MUNI, DANBURY, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 8, BUILDINGS BEGINNING 1910 FT FROM DER, 872 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/665 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122353-1708242353EST.

HARTFORD

Hartford-Brainard

FDC 7/6250 HFD IAP HARTFORD-BRAINARD, HARTFORD, CT. LDA RWY 2, AMDT 2B...DANNS FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) CIRCLING CATS A/B MDA 660/HAT 642. TEMP CRANE 298 MSL 5788 FT NE OF RWY 20 (2016-ANE-4419-OE). 1701201251-1709011251EST.

FDC 7/6249 HFD IAP HARTFORD-BRAINARD, HARTFORD, CT. RNAV (GPS) RWY 2, ORIG-B...CIRCLING CATS A/B MDA 660/HAT 642. TEMP CRANE 298 MSL 5788 FT NE OF RWY 20 (2016-ANE-4419-OE). 1701201251-1709011251EST.

FDC 7/0813 HFD IAP HARTFORD-BRAINARD, HARTFORD, CT. VOR-A, AMDT 10A...PROCEDURE NA. 1701042211-1708162211EST.

FDC 6/3993 HFD SID HARTFORD-BRAINARD, HARTFORD, CT. COASTAL SIX DEPARTURE...TAKEOFF OBSTACLES NOTES: RWY 20: TEMP CRANES BEGINNING 221 FT FROM DER, 377 FT RIGHT OF CENTERLINE, UP TO 116 FT AGL/127 FT MSL (2015-ANE-1742 THRU 1752/1802 THRU 1811/2027 THRU 2037-OE, 2016-ANE-167 THRU 177-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610201427-1706011427EST.

FDC 6/3992 HFD ODP HARTFORD-BRAINARD, HARTFORD, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 20, TEMP CRANES BEGINNING 221 FT FROM DER, 377 FT RIGHT OF CENTERLINE, UP TO 116 FT AGL/127 FT MSL (2015-ANE-1742 THRU 1752/1802 THRU 1811/2027 THRU 2037-OE, 2016-ANE-167 THRU 177-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1610201427-1706011427EST.

OXFORD

Waterbury-Oxford

FDC 6/4621 OXC IAP WATERBURY-OXFORD, OXFORD, CT. ILS OR LOC RWY 36, AMDT 14A...CIRCLING MDA 1420/694 ALL CATS. VIS CAT C 2, CAT D 2 1/4. HUMOM FIX MINIMUMS CIRCLING MDA 1420/694 ALL CATS. VIS CAT C 2, CAT D 2 1/4. TEMP CRANE 1110 MSL 4267 FT E OF RWY 18 (2016-ANE-2664-OE). 1610210405-1706020405EST.

FDC 6/4620 OXC IAP WATERBURY-OXFORD, OXFORD, CT. RNAV (GPS) RWY 18, AMDT 2...LNAV/VNAV DA 1223/HAT 498, VIS 1 3/4 ALL CATS. LNAV MDA 1320/HAT 595 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING MDA 1420/694 ALL CATS. VIS CAT C 2, CAT D 2 1/4. VDP 1.72 NM TO RWY 18. TEMP CRANE 1110 MSL 4267 FT E OF RWY 18 (2016-ANE-2664-OE). 1610210405-1706020405EST.

FDC 6/4615 OXC IAP WATERBURY-OXFORD, OXFORD, CT. RNAV (GPS) RWY 36, AMDT 2A...LNAV/VNAV DA 1115/HAT 429, VIS 1 3/8 ALL CATS. LNAV MDA 1220/HAT 534 ALL CATS. VIS CATS C/D 1 1/2. CIRCLING MDA 1420/694 ALL CATS. VIS CAT C 2, CAT D 2 1/4. VDP NA. TEMP CRANE 1110 MSL 4267 FT E OF RWY 18 (2016-ANE-2664-OE). 1610210405-1706020405EST.

WILLIMANTIC

Windham

FDC 7/4444 IJD IAP WINDHAM, WILLIMANTIC, CT. RNAV (GPS) RWY 9, AMDT 1A...PROCEDURE NA AT NIGHT DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 27 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 09, 18, 36 NA AT NIGHT..
1701141841-1708261841EST.

WINDSOR LOCKS

Bradley Intl

FDC 6/9952 BDL ODP BRADLEY INTL, WINDSOR LOCKS, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 19 NA. DEPARTURE PROCEDURES: RWY 33, ADD NOTE: WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.. ALL OTHER DATA REMAINS AS PUBLISHED.
1610312035-1706122035EST.

DELAWARE

DOVER/CHESWOLD

Delaware Airpark

FDC 7/0777 33N IAP DELAWARE AIRPARK, DOVER/CHESWOLD, DE. RNAV (GPS) RWY 9, AMDT 2A...LNAV MDA 520/HAT 465 ALL CATS. VISIBILITY CAT C 1 3/8. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701042042-1708162042EST.

MIDDLETOWN

Summit

FDC 6/0948 EVY ODP SUMMIT, MIDDLETOWN, DE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 35, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB GRADIENT OF 298 FT PER NM TO 400. ALL OTHER DATA REMAINS AS PUBLISHED.
1611191843-1707011843EST.

WILMINGTON

New Castle

FDC 7/9412 ILG IAP NEW CASTLE, WILMINGTON, DE. VOR RWY 27, AMDT 4B...WIROL FIX MINIMUMS (DME REQUIRED) S-27 MDA 680/HAT 608 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING MDA 720/HAA 640 ALL CATS. VIS CAT C 1 3/4. TEMP CRANE 364 MSL 1.20 NM NE OF RWY 27 (2016-AEA-4169-OE).
1701311948-1709121948EST.

FDC 7/9411 ILG IAP NEW CASTLE, WILMINGTON, DE. RNAV (GPS) RWY 1, ORIG...RNAV (GPS) RWY 19, ORIG...RNAV (GPS) RWY 9, ORIG-A...CIRCLING MDA 720/HAA 640 ALL CATS. VIS CAT C 1 3/4. TEMP CRANE 364 MSL 1.20 NM NE OF RWY 27 (2016-AEA-4169-OE). 1701311948-1709121948EST.

FDC 7/9410 ILG IAP NEW CASTLE, WILMINGTON, DE. RNAV (GPS) RWY 27, ORIG-B...LNAV/VNAV DA 774/HAT 702, VIS 2 1/4 ALL CATS. LNAV MDA 680/HAT 608 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING MDA 720/HAA 640 ALL CATS. VIS CAT C 1 3/4. TEMP CRANE 364 MSL 1.20 NM NE OF RWY 27 (2016-AEA-4169-OE). 1701311948-1709121948EST.

FDC 7/1667 ILG IAP NEW CASTLE, WILMINGTON, DE. ILS OR LOC RWY 1, AMDT 23B...VOR RWY 27, AMDT 4B...VOR RWY 9, AMDT 7A...ALTERNATE MINIMUMS NA, DQO VORTAC UNMONITORED. 1702071456-1705011455EST.

FDC 6/4413 ILG IAP NEW CASTLE, WILMINGTON, DE. VOR RWY 9, AMDT 7A...S-9 MDA 860/HAT 780 ALL CATS. VIS CATS C/D 2 1/2. CIRCLING MDA 860/HAA 780 ALL CATS. VIS CAT C 2 1/4, CAT D 2 1/2. QWOTE FIX MINIMUMS NA. DISREGARD MINIMUM ALTITUDE AT QUOTE *620. DISREGARD *620 WHEN USING PHILADELPHIA INTL ALTIMETER SETTING. ALTERNATE MINIMUMS: CATS C/D 800-2 1/2. 1610201743-1706011743EST.

FDC 6/1755 ILG STAR NEW CASTLE, WILMINGTON, DE., CEDAR LAKE 8 ARRIVAL MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FR 1900FT MSL TO 2100FT MSL. 1605101755-PERM.

FDC 4/0374 ILG STAR NEWCASTLE, WILMINGTON, DE. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

DISTRICT OF COLUMBIA

WASHINGTON

Manassas Rgnl/Harry P Davis Field

FDC 7/7463 HEF IAP MANASSAS RGNL/HARRY P DAVIS FIELD, WASHINGTON, DC. ILS OR LOC RWY 16L, ORIG-A...S-LOC 16L MDA 760/ HAT 568 ALL CATS, VISIBILITY CATS A/B 3/4, CATS C/D 1 1/4. CIRCLING CATS A/B MDA 760/ HAA 568. TEMPORARY CRANE 455 MSL 3.29 NM NORTHWEST OF RWY 16L (2016-AEA-10926-OE, 2016-AEA-10926-OE). 1701261200-1705271200EST.

FDC 6/3359 HEF IAP MANASSAS RGNL/HARRY P DAVIS FIELD, WASHINGTON, DC. RNAV (GPS) RWY 34R, AMDT 2A...LNAV MDA 800/ HAT 622 ALL CATS, VISIBILITY CATS C/D 1 3/4. CIRCLING CATS A/B MDA 800/ HAA 608. VDP NA. TEMPORARY CRANE 489 MSL 2671FT NORTHEAST OF RWY 34R (2016-AEA-7456-OE). 1609160946-1704280946EST.

Ronald Reagan Washington National

FDC 6/9723 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. LDA Z RWY 19, AMDT 3A...S-LDA 19 MDA 800/HAT 787 ALL CATS. VIS CATS A/B RVR 6000, CATS C/D 2 1/2. TEMP CRANE 543 MSL 2.45 NM NW OF RWY 15 (2015-AEA-2479-OE). 1609101555-1705131555EST.

FDC 6/9722 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. RNAV (GPS) RWY 15, ORIG...LNAV/VNAV DA 897/HAT 883, VIS 3 ALL CATS. TEMP CRANE 543 MSL 2.45 NM NW OF RWY 15 (2015-AEA-2479-OE). 1609101555-1705131555EST.

FDC 6/9716 DCA ODP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...TAKEOFF MINIMUMS: RWY 4, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 500. RWY 33, STANDARD WITH MINIMUM CLIMB OF 286 FT PER NM TO 800. NOTE: RWY 4, TEMP CRANE 1.35 NM FROM DER, 2683 FT RIGHT OF CENTERLINE, 300 FT AGL/319 FT MSL (2015-AEA-6081/6082-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1609101555-1705131555EST.

FDC 6/8317 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. LDA Y RWY 19, ORIG-A...LDA Z RWY 19, AMDT 3A...NOTE: CIRCLING RWY 4 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING RWY 4, 15 NA.. 1609262032-1705082031EST.

FDC 6/8312 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. ILS OR LOC/DME RWY 1, AMDT 41B...ILS RWY 1 (SA CAT I), AMDT 41B...ILS RWY 1 (CAT II), AMDT 41B.. NOTE: CIRCLING RWY 4 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING RWY 4, 15 NA.. MISSED APPROACH: CLIMB TO 420 THEN CLIMBING LEFT TURN TO 2200 ON DCA VOR/DME R-325 TO GTN NDB/INT/DCA 5.9 DME AND HOLD. 1609262023-1705082021EST.

FDC 6/3055 DCA IAP RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. RNAV (RNP) RWY 1, AMDT 1A...RNP 0.30 DA 651/HAT 637, VIS 1 3/4 ALL CATS. MISSED APPROACH: CLIMB TO 2200 LEFT TURN TO FIVUD AND ON TRACK 325 TO HESLO AND ON TRACK 325 TO GTN NDB AND HOLD. NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 1/2 MILES. 1610191656-1705311656EST.

Washington Dulles Intl

FDC 7/2327 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. RNAV (GPS) Y RWY 19C, AMDT 3C...LNAV/VNAV DA 842/HAT 573, VIS 1 1/2 ALL CATS. LNAV MDA 780/HAT 511 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D RVR 5500. VDP 1.37 NM TO RWY 19C. TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA). 1701091920-1702091920EST.

FDC 7/2326 IAD ODP WASHINGTON DULLES INTL, WASHINGTON, DC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 1C, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 362 FT PER NM TO 600. RWY 1L, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 243 FT PER NM TO 500. NOTE: RWY 1C, TEMP CRANE 5018 FT FROM DER, 1267 FT RIGHT OF CENTERLINE, 187 FT AGL/448 FT MSL (2016-AEA-362-NRA). TEMP CRANE 1.21 NM FROM DER, 24 FT RIGHT OF CENTERLINE, 187 FT AGL/464 FT MSL (2016-AEA-363-NRA). RWY 01L, TEMP CRANES BEGINNING 4147 FT FROM FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 137 FT AGL/400 FT MSL (2015-AEA-808-NRA) (2015-AEA-1031/1032/1033/1034/1035-NRA). TEMP CRANE 5230 FT FROM DER, 1640 FT RIGHT OF CENTERLINE, 170 FT AGL/439 FT MSL (2016-AEA-946-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1701091920-1702091920EST.

FDC 7/2325 IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC. CAPITAL NINE DEPARTURE...TAKEOFF MINIMUMS: RWY 1C, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 362 FT PER NM TO 600. TAKE-OFF OBSTACLES NOTES: RWY 1C: TEMP CRANE 5018 FT FROM DER, 1267 FT RIGHT OF CENTERLINE, 187 FT AGL/448 FT MSL (2016-AEA-362-NRA). TEMP CRANE 1.21 NM FROM DER, 24 FT RIGHT OF CENTERLINE, 187 FT AGL/464 FT MSL (2016-AEA-363-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1701091920-1702091920EST.

FDC 7/2324 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. RNAV (RNP) Z RWY 19C, ORIG-D...RNP 0.30 DA 802/HAT 530, VIS 1 3/8 ALL CATS. TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA). 1701091920-1702091920EST.

FDC 7/2323 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. ILS OR LOC/DME RWY 19C, AMDT 25A...S-LOC MDA 780/HAT 511 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D RVR 5500. TEMP CRANE 464 MSL 1.22 NM N OF RWY 19C (2016-AEA-362/363-NRA). 1701091920-1702091920EST.

FDC 7/2133 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. ILS OR LOC RWY 1R, AMDT 24B...S-LOC 1R MDA 820/HAT 508 ALL CATS. VIS CATS C/D RVR 5500. VDP 1.13 DME FROM I-IAD OR 1.37 NM TO RW01R. TOWER 514 MSL 5.20 NM SOUTH OF RWY 1R. 1702072244-1709192244EST.

FDC 7/1199 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. RNAV (GPS) Y RWY 19C, AMDT 3C...LNAV MDA 760/ HAT 488 ALL CATS, VISIBILITY CAT C RVR 5000. VDP 1.31NM TO RW19C. CHANGE INOP NOTE TO READ: FOR INOPERATIVE ALSF-2, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 MILE. TEMPORARY CRANE 460 MSL 5641FT NORTHWEST OF RWY 19C (2016-AEA-2061-NRA). 1701051608-1708171608EST.

FDC 6/9402 IAD IAP WASHINGTON DULLES INTL, WASHINGTON, DC. ILS OR LOC/DME RWY 1L, AMDT 1B...S-LOC 1L MDA 680/HAT 384 ALL CATS, VIS CATS A/B 1/2, CATS C/D 5/8. VDP: 2.70 DME FROM OIU LOC. TEMP CRANES 478 MSL 4.12 NM S OF RWY 1L (2016-AEA-6216/6219-OE). 1610311242-1706121242EST.

FDC 6/4399 IAD SID WASHINGTON DULLES INTL, WASHINGTON, DC. BUNZZ THREE DEPARTURE (RNAV)...CAPITAL NINE DEPARTURE...JCOBY THREE DEPARTURE (RNAV)...JERES TWO DEPARTURE (RNAV)...MCRAY TWO DEPARTURE (RNAV)...RNLDI FOUR DEPARTURE (RNAV)...TAKEOFF OBSTACLE NOTES: RWY 01L, TEMP CRANES BEGINNING 4147 FT FROM FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 137 FT AGL/400 FT MSL, (2015-AEA-808-NRA) (2015-AEA-1031/1032/1033/1034/1035-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1610201738-1706011738EST.

FLORIDA

BOCA RATON

Boca Raton

FDC 7/4448 BCT IAP BOCA RATON, BOCA RATON, FL. RNAV (GPS) Y RWY 23, AMDT 1...CHANGE TERMINAL ROUTE TO READ: FROM MRLIN (IAF) (NOPT) TO KISEC (IF/IAF) . CHANGE TERMINAL ROUTE TO READ: FROM SOBPO (IAF) (NOPT) TO KISEC (IF/IAF). 1701141845-1708261845EST.

CROSS CITY

Cross City

FDC 6/6617 CTY IAP CROSS CITY, CROSS CITY, FL. VOR RWY 31, AMDT 19A...PROCEDURE NA. 1610111338-1705231338EST.

DAYTONA BEACH

Spruce Creek

FDC 7/1187 7FL6 SPECIAL SPRUCE CREEK, DAYTONA BEACH, FL. RNAV (GPS) RWY 05, AMDT 1...CIRCLING CAT A MDA 580/HAA 556. 1701051606-1708171606EST.

DEFUNIAK SPRINGS

Defuniak Springs

FDC 6/4071 54J ODP DEFUNIAK SPRINGS, DEFUNIAK SPRINGS, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 254 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1608301244-1704111244EST.

DELAND

Deland Muni-Sidney H Taylor Field

FDC 7/2681 DED ODP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 23, 300-1. NOTE: RWY 23, TEMP CRANES BEGINNING 2817 FT FROM DER, 497 FT LEFT OF CENTERLINE, UP TO 165 FT AGL/251 FT MSL (2016-ASO-27220/22/23/25-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1702082053-1707212053EST.

FDC 6/2822 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. VOR/DME RWY 23, ORIG-A...NOTE: STRAIGHT-IN RWY 23 NA AT NIGHT. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 23 AND CIRCLING TO RWY 12 NA AT NIGHT. 1612152218-1707272217EST.

FDC 6/2815 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 23, ORIG...CIRCLING CAT A/B/C MDA 600/HAA 520. CHANGE WHEN LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH INTL ALTIMETER SETTING AND INCREASE ALL DA 38 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 1612152213-1707272213EST.

FDC 6/2813 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 12, ORIG...LNAV MDA 600/HAT 526 ALL CATS, VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CAT A/B/C MDA 600/HAA 520. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHANGE IF LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH INTL ALTIMETER SETTING AND INCREASE ALL DAS 38 FEET AND ALL MDAS 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE. 1612152213-1707272213EST.

FDC 6/2811 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 30, ORIG...LPV DA NA. LNAV/VNAV DA NA. CIRCLING CAT A/B/C MDA 600/HAA 520. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). 1612152213-1707272213EST.

FDC 6/2807 DED IAP DELAND MUNI-SIDNEY H TAYLOR FIELD, DELAND, FL. RNAV (GPS) RWY 5, ORIG-A...CIRCLING CAT A/B/C MDA 600/HAA 520. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE BARO-VNAV NA BELOW NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 5 NA AT NIGHT. 1612152213-1707272213EST.

FORT LAUDERDALE

Fort Lauderdale Executive

FDC 6/5804 FXE STAR FT. LAUDERDALE EXECUTIVE, FT. LAUDERDALE, FLORIDA BLUF1 THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5800 FXE STAR FT. LAUDERDALE EXECUTIVE AIRPORT, FT. LAUDERDALE, FLORIDA GISSH FOUR ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

Fort Lauderdale/Hollywood Intl

FDC 6/9983 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. RNAV (RNP) Y RWY 10L, AMDT 1A...RNP 0.15 DA 359/HAT 353 ALL CATS. TEMPORARY CRANES 357 MSL 1379 FT S OF RWY 28R (2015-ASO-1558/1560/1561/1562/1563-NRA). 1610312056-1706122056EST.

FDC 6/8990 FLL IAP FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 10R, ORIG-A...CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D MDA 900/HAA 835. VIS CAT C 2 1/2, CAT D 2 3/4. ZALAL FIX MINIMUMS NA. TEMP CRANE 355 MSL 1381 FT SE OF RWY 28R. TEMP CRANES 595 MSL NM 2.5 NM N OF RWY 28R (2014-ASO-12468/12469-OE). STACK 364 MSL 5298 FT NE OF RWY 28R. 1608051530-1703171530EST.

FDC 6/8989 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. ILS OR LOC RWY 10L, AMDT
24...CIRCLING CATS A/B MDA 680/HAA 615, CATS C/D
MDA 900/HAA 835. VIS CAT C 2 1/2, CAT D 2 3/4.
PAKEE FIX MINIMUMS NA. TEMP CRANE 355 MSL
1381 FT SE OF RWY 28R. TEMP CRANES 595 MSL NM
2.5 NM N OF RWY 28R (2014-ASO-12468/12469-OE).
STACK 364 MSL 5298 FT NE OF RWY 28R.
1608051530-1703171530EST.

FDC 6/8988 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. ILS OR LOC RWY 28L,
ORIG-A...RNAV (GPS) RWY 10R, ORIG-A...RNAV (GPS)
Z RWY 10L, AMDT 4...CIRCLING CATS A/B MDA
680/HAA 615, CATS C/D MDA 900/HAA 835. VIS CAT C
2 1/2, CAT D 2 3/4. TEMP CRANE 355 MSL 1381 FT SE
OF RWY 28R (2015-ASO-1564-NRA). TEMP CRANES
595 MSL NM 2.5 NM N OF RWY 28R
(2014-ASO-12468/12469-OE). STACK 364 MSL 5298 FT
NE OF RWY 28R. 1608051530-1703171530EST.

FDC 6/8987 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. RNAV (GPS) RWY 28L,
ORIG-A...LNAV/VNAV DA 566/HAT 501, VIS 1 3/8 ALL
CATS. LNAV MDA 660/HAT 655 ALL CATS. VIS CATS
C/D 1 3/8. CIRCLING CATS A/B MDA 680/HAA 615,
CATS C/D MDA 900/HAA 835. VIS CAT C 2 1/2, CAT D 2
3/4. VDP 1.65 NM TO RW28L. TEMP CRANE 355 MSL
1381 FT SE OF RWY 28R (2015-ASO-1564-NRA). TEMP
CRANES 595 MSL NM 2.5 NM N OF RWY 28R
(2014-ASO-12468/12469-OE). STACK 364 MSL 5298 FT
NE OF RWY 28R. 1608051530-1703171530EST.

FDC 6/8986 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. RNAV (GPS) Y RWY 28R, AMDT
4...LPV DA 624/HAT 619, VIS 1 5/8 ALL CATS. LNAV
MDA 660/HAT 655 ALL CATS. VIS CATS A/B RVR 4000,
CATS C/D 1 3/8. CIRCLING CATS A/B MDA 680/HAA
615, CATS C/D MDA 900/HAA 835. VIS CAT C 2 1/2,
CAT D 2 3/4. VDP 1.83 NM TO RW28R. TEMP CRANE
355 MSL 1381 FT SE OF RWY 28R
(2015-ASO-1564-NRA). TEMP CRANES 595 MSL NM
2.5 NM N OF RWY 28R (2014-ASO-12468/12469-OE).
STACK 364 MSL 5298 FT NE OF RWY 28R.
1608051530-1703171530EST.

FDC 6/8985 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. RNAV (RNP) Z RWY 28R, AMDT
1A...RNP 0.15 DA 527/HAT 522 ALL CATS. TEMP
CRANE 355 MSL 1381 FT SE OF RWY 28R
(2015-ASO-1564-NRA). 1608051530-1703171530EST.

FDC 6/8984 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. ILS OR LOC RWY 28R, AMDT
11...S-ILS 28R DA 570/HAT 565, VIS 1 1/2 ALL CATS.
S-LOC 28R MDA 680/HAT 675 ALL CATS. VIS CATS
A/B RVR 4000, CATS C/D 1 1/2. CIRCLING CATS A/B
MDA 680/HAA 615, CATS C/D MDA 900/HAA 835. VIS
CAT C 2 1/2, CAT D 2 3/4. VDP 3.32 DME OR 1.89 NM
FROM RWY 28R. TEMP CRANE 355 MSL 1381 FT SE
OF RWY 28R (2015-ASO-1564-NRA). TEMP CRANES
595 MSL NM 2.5 NM N OF RWY 28R
(2014-ASO-12468/12469-OE). STACK 364 MSL 5298 FT
NE OF RWY 28R. 1608051530-1703171530EST.

FDC 6/5803 FLL STAR FT. LAUDERDALE INTL, FT.

LAUDERDALE, FLORIDA BLUFI THREE
ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC
U/S 1601221600-PERM.

FDC 6/5798 FLL STAR FT. LAUDERDALE INTL, FT.

LAUDERDALE, FLORIDA GISSH FOUR
ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC
U/S 1601221600-PERM.

FDC 6/2598 FLL IAP FORT

LAUDERDALE/HOLLYWOOD INTL, FORT
LAUDERDALE, FL. ILS OR LOC RWY 28L,
ORIG-A...CHANGE SIMULTANEOUS
AUTHORIZATION NOTE TO READ: SIMULTANEOUS
APPROACH AUTHORIZED WITH ILS OR LOC RWY
28R, RNAV (GPS) Y RWY 28R.
1611232055-1707052055EST.

FORT MYERS

Southwest Florida Intl

FDC 7/2119 RSW IAP SOUTHWEST FLORIDA INTL,
FORT MYERS, FL. ILS OR LOC/DME RWY 6, AMDT
7A...AUTO COUPLED APPROACH NA.
1702072235-1709192234EST.

FDC 6/9037 RSW IAP SOUTHWEST FLORIDA INTL,
FORT MYERS, FL. VOR/DME OR TACAN RWY 24,
AMDT 2B...VOR/DME PORTION NA.
1610282254-1706092254EST.

FDC 6/6254 RSW IAP SOUTHWEST FLORIDA INTL,
FORT MYERS, FL. ILS OR LOC/DME RWY 6, AMDT
7A...RNAV (GPS) RWY 6, AMDT 1B...CIRCLING CATS
A/B/C MDA 520/HAA 490. TEMP CRANES 156 MSL
1.31 NM E OF RWY 24
(2015-ASO-15536/15538/15540/15542-OE).
1609011625-1704131625EST.

FDC 6/6253 RSW IAP SOUTHWEST FLORIDA INTL,
FORT MYERS, FL. VOR/DME OR TACAN RWY 24,
AMDT 2B...CIRCLING CATS A/B/C MDA 520/HAA 490.
TEMP CRANES 156 MSL 1.31 NM E OF RWY 24
(2015-ASO-15536/15538/15540/15542-OE).
1609011625-1704131625EST.

HOLLYWOOD

North Perry

FDC 7/8771 HWO SID NORTH PERRY, HOLLYWOOD, FL. MIAMI FIVE DEPARTURE...DISREGARD NOTE: TURBOJETS ACCELERATE TO 250K AS RAPIDLY AS FEASIBLE UNTIL REACHING 10000 MSL, UNLESS REQUESTED BY ATC TO DO OTHERWISE.
1701291537-1709101537EST.

FDC 6/8697 HWO IAP NORTH PERRY, HOLLYWOOD, FL. RNAV (GPS) RWY 10R, ORIG-B...STRAIGHT IN MINIMUMS NA AT NIGHT..
1612072310-1707192310EST.

FDC 6/5806 HWO STAR NORTH PERRY AIRPORT, HOLLYWOOD, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

FDC 6/5801 HWO STAR NORTH PERRY AIRPORT, HOLLYWOOD, FLORIDA GISSH FOUR ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

HOMESTEAD

Homestead Arb

FDC 6/5807 HST STAR HOMESTEAD AIR RESERVE BASE, HOMESTEAD, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5795 HST STAR HOMESTEAD AIR RESERVE BASE, HOMESTEAD, FLORIDA ANNEY THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

Homestead General Aviation

FDC 6/5810 X51 STAR HOMESTEAD GENERAL AVIATION AIRPORT, HOMESTEAD, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5796 X51 STAR HOMESTEAD GENERAL AVIATION AIRPORT, HOMESTEAD, FL ANNEY THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

IMMOKALEE

Immokalee Rgnl

FDC 6/4514 IMM IAP IMMOKALEE RGNL, IMMOKALEE, FL. RNAV (GPS) RWY 27, ORIG-B...RNAV (GPS) RWY 9, ORIG-B...PROCEDURE NA. 1609191705-1705011705EST.

FDC 6/1742 IMM IAP IMMOKALEE RGNL, IMMOKALEE, FL. RNAV (GPS) RWY 18, ORIG-B...PROCEDURE NA.
1612141612-1707261612EST.

FDC 6/1741 IMM ODP IMMOKALEE RGNL, IMMOKALEE, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWY 09,18,27 NA. ALL OTHER DATA REMAINS AS PUBLISHED.
1612141612-1707261612EST.

JACKSONVILLE

Cecil

FDC 7/0408 VQQ IAP CECIL, JACKSONVILLE, FL. TACAN RWY 9R, ORIG-A...PROCEDURE NA.
1701032131-1708152131EST.

FDC 6/0413 VQQ IAP CECIL, JACKSONVILLE, FL. ILS OR LOC RWY 36R, AMDT 3A...LOCALIZER UNSABLE BEYOND 25 DEGREES RIGHT OF CENTERLINE..
1608091814-1703211814EST.

Jacksonville Intl

FDC 6/6035 JAX IAP JACKSONVILLE INTL, JACKSONVILLE, FL. RNAV (GPS) Z RWY 32, AMDT 2D...LNAV MDA 520/HAT 496 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B/C MDA 580/HAA 551. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE). 1610251242-1706061242EST.

FDC 6/6032 JAX IAP JACKSONVILLE INTL, JACKSONVILLE, FL. ILS OR LOC RWY 8, AMDT 13A...RNAV (GPS) Z RWY 14, AMDT 2B...RNAV (GPS) Z RWY 26, AMDT 2B...RNAV (GPS) Z RWY 8, AMDT 2...VOR/DME RWY 32, AMDT 2B...CIRCLING CATS A/B/C MDA 580/HAA 551. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE).
1610251242-1706061242EST.

FDC 6/6031 JAX IAP JACKSONVILLE INTL, JACKSONVILLE, FL. RNAV (RNP) Y RWY 32, AMDT 1A...RNP 0.30 DA 486/HAT 462, VIS 1 1/2 ALL CATS. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE). 1610251242-1706061242EST.

FDC 6/6026 JAX IAP U.S. DOD JACKSONVILLE INTL, JACKSONVILLE, FL. HI - ILS OR LOC RWY 8, AMDT 5...CIRCLING CAT C MDA 580/HAA 551. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE).
1610251242-1706061242EST.

FDC 6/6025 JAX IAP JACKSONVILLE INTL, JACKSONVILLE, FL. ILS OR LOC RWY 26, AMDT 2A...CIRCLING CATS A/B/C MDA 580/HAA 551. ZETRI FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 26 MDA 400/HAT 373 ALL CATS. VIS CAT C/D RVR 3500. CIRCLING CATS A/B/C MDA 580/HAA 551. CHANGE FOR INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE S-LOC 26 CATS C/D VISIBILITY TO 1 3/8 MILE, ZETRI FIX MINIMUMS INCREASE S-LOC 26 CATS C/D VISIBILITY TO RVR 5500. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE). 1610251242-1706061242EST.

FDC 6/6024 JAX IAP U.S. DOD JACKSONVILLE INTL, JACKSONVILLE, FL. HI - ILS OR LOC RWY 26, AMDT 2...S-LOC 26 MDA 400/HAT 374, VIS RVR 3500 ALL CATS. CIRCLING CAT C MDA 580/HAA 551. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE). 1610251242-1706061242EST.

FDC 6/6022 JAX IAP U.S. DOD JACKSONVILLE INTL, JACKSONVILLE, FL. HI - TACAN RWY 14, AMDT 4...S-14 MDA 400/HAT 373 ALL CATS. CIRCLING CAT C MDA 580/HAA 551. TEMP CRANE 212 MSL 3954 FT S OF RWY 32 (2016-ASO-20166-OE). 1610251242-1706061242EST.

JUPITER

William P Gwinn

FDC 7/4550 06FA SPECIAL WILLIAM P GWINN, JUPITER, FL. COPTER GPS 095, ORIG...PROCEDURE NA. 1701142036-1708262036EST.

FDC 7/4517 06FA SPECIAL WILLIAM P GWINN, JUPITER, FL. ILS OR LOC/DME RWY 9, ORIG...AUTOPILOT COUPLED APPROACH NA BELOW 690. 1701141945-1708261945EST.

FDC 6/7951 06FA SPECIAL WILLIAM P GWINN, JUPITER, FL. TAKEOFF MINIMUMS AND OBSTACLE (ODP) DEPARTURE PROCEDURE...PROCEDURE NA 1609261418-1705081418EST.

KEY LARGO

Ocean Reef Club

FDC 6/5808 07FA STAR OCEAN REEF CLUB AIRPORT, KEY LARGO, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5797 07FA STAR OCEAN REEF CLUB AIRPORT, KEY LARGO, FLORIDA ANNEY THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

LAKE WALES

Lake Wales Muni

FDC 7/0680 X07 IAP LAKE WALES MUNI, LAKE WALES, FL. RNAV (GPS) RWY 6, ORIG-A...LP HAT 373 ALL CATS. LNAV HAT 393 ALL CATS. CHART TDZE 127, DELETE THRE 126. CHART NOTE: RWY 6, 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 6, ORIG-B. 1702022025-PERM.

FDC 7/0679 X07 IAP LAKE WALES MUNI, LAKE WALES, FL. RNAV (GPS) RWY 24, ORIG...LP HAT 453 ALL CATS. LNAV HAT 453 ALL CATS. CHART TDZE 127, DELETE THRE 122. CHART NOTE: RWY 6, 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1702022025-PERM.

LAKELAND

Lakeland Linder Rgnl

FDC 6/9026 LAL IAP LAKELAND LINDER RGNL, LAKELAND, FL. RNAV (GPS) RWY 27, AMDT 2A...LNAV/VNAV DA 455/HAT 313, VIS 1 ALL CATS. LNAV MDA 560/HAT 418 ALL CATS, VIS CAT C/D 1 1/8. NOTE: CIRCLING RWY 8, 26 NA. 1612081519-1707201519EST.

FDC 6/9025 LAL IAP LAKELAND LINDER RGNL, LAKELAND, FL. ILS OR LOC/DME RWY 9, ORIG-A...VOR RWY 27, AMDT 7F...VOR RWY 9, AMDT 4C...NOTE: CIRCLING RWY 8, 26 NA. MSA FROM LAKELAND (LAL) VORTAC 310 - 080 MINIMUM ALTITUDE 2200, 080 - 310 MINIMUM ALTITUDE 2700. 1612081519-1707201519EST.

FDC 6/9023 LAL IAP LAKELAND LINDER RGNL, LAKELAND, FL. RNAV (GPS) RWY 23, ORIG-B...RNAV (GPS) RWY 5, ORIG-D...RNAV (GPS) RWY 9, AMDT 2B...NOTE: CIRCLING RWY 8, 26 NA. 1612081519-1707201519EST.

LEESBURG

Leesburg Intl

FDC 6/5831 LEE STAR LEESBURG INTERNATIONAL AIRPORT, LEESBURG, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

MELBOURNE

Melbourne Intl

FDC 7/1367 MLB IAP MELBOURNE INTL, MELBOURNE, FL. LOC BC RWY 27L, AMDT 10A...RNAV (GPS) RWY 27L, AMDT 1A...RNAV (GPS) RWY 27R, AMDT 1A...RNAV (GPS) RWY 9L, AMDT 1A...CIRCLING CATS A/B/C MDA 600/HAA 567. TEMP CRANE 237 MSL 3600 FT W OF RWY 5 (2016-ASO-2987-NRA). 1701051738-1708171738EST.

FDC 7/1366 MLB IAP MELBOURNE INTL, MELBOURNE, FL. VOR RWY 9R, AMDT 21A...CIRCLING CATS A/B/C MDA 600/HAA 567. JEMDO FIX MINIMUMS CIRCLING CATS A/B/C MDA 600/HAA 567. TEMP CRANE 237 MSL 3600 FT W OF RWY 5 (2016-ASO-2987-NRA). 1701051738-1708171738EST.

FDC 7/1365 MLB IAP MELBOURNE INTL, MELBOURNE, FL. RNAV (GPS) RWY 9R, AMDT 1A...LPV DA 282/HAT 250, VIS RVR 4000 ALL CATS. LNAV MDA 460/HAT 428, VIS RVR 4000 ALL CATS. CIRCLING CATS A/B/C MDA 600/HAA 567. VDP 1.08 NM TO RWY 9R. TEMP CRANE 156 MSL 964 FT S OF RWY 9R (2016-ASO-306-NRA). TEMP CRANE 237 MSL 3600 FT W OF RWY 5 (2016-ASO-2987-NRA). 1701051738-1708171738EST.

FDC 7/0456 MLB IAP MELBOURNE INTL, MELBOURNE, FL. ILS OR LOC RWY 9R, AMDT 12A...S-ILS 9R DA 282/HAT 250, VIS RVR 4000 ALL CATS. S-LOC 9R MDA 420/HAT 388, VIS RVR 4000 ALL CATS. CIRCLING CATS A/B/C MDA 600/HAA 567. NOTE: RWY 09R HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. TEMP CRANE 237 MSL 3600 FT W OF RWY 5 (2016-ASO-2987-NRA). 1701032239-1703012236EST.

MERRITT ISLAND

Merritt Island

FDC 6/5828 COI STAR MERRITT ISLAND AIRPORT, MERRITT ISLAND, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

MIAMI

Dade-Collier Training And Transition

FDC 7/4155 TNT IAP DADE-COLLIER TRAINING AND TRANSITION, MIAMI, FL. ILS OR LOC RWY 9, AMDT 15A...S-LOC 9: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 1800 ON HEADING 240 AND DHP VORTAC R-284 TO WORPP/DHP 34.30 DME AND HOLD (DME REQUIRED). MONRY (TN) LOM OUT OF SERVICE. 1701131532-1708251532EST.

Miami Executive

FDC 6/5811 TMB STAR MIAMI EXECUTIVE, MIAMI, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

FDC 6/5794 TMB STAR MIAMI EXECUTIVE AIRPORT, MIAMI, FLORIDA ANNEY THREE ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

Miami Intl

FDC 7/6827 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) RWY 9, AMDT 1A...LNAV MDA 500/HAT 493 ALL CATS. VIS CATS C/D RVR 5000. TEMP CRANES 191 MSL 1.32 NM W OF RWY 9 (2016-ASO-11728/11729/11730/11731-OE). 1701231901-1709041901EST.

FDC 6/9689 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (RNP) Y RWY 27, AMDT 2...RNP 0.30 DA 452/HAT 444, VIS RVR 5000 ALL CATS. TEMP CRANE 145 MSL 3887 FT SE OF RWY 26L (2016-ASO-21117-OE). 1609101050-1704221050EST.

FDC 6/5825 MIA STAR MIAMI INTL, MIAMI, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5792 MIA STAR MIAMI INTL AIRPORT, MIAMI, FLORIDA ANNEY THREE ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

FDC 6/4533 MIA IAP MIAMI INTL, MIAMI, FL. ILS OR LOC RWY 9, AMDT 10...MISSED APPROACH: ALTERNATE MISSED APPROACH NA. 1611081459-1706201459EST.

FDC 6/3446 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (RNP) Y RWY 26L, AMDT 1...RNP 0.20 DA 442/HAT 434, VIS RVR 6000 ALL CATS. RNP 0.30 DA 468/HAT 460 ALL CATS. TEMP CRANE 206 MSL 5803 FT E OF RWY 26L (2016-ASO-15645-OE). 1608121907-1703241907EST.

FDC 6/3324 MIA SID MIAMI INTL, MIAMI, FL. BSTER TWO DEPARTURE (RNAV)...DEEEP TWO DEPARTURE (RNAV)...EONNS TWO DEPARTURE (RNAV)...HEDLY TWO DEPARTURE (RNAV)...HITAG TWO DEPARTURE (RNAV)...JONZI TWO DEPARTURE (RNAV)...MNATE TWO DEPARTURE (RNAV)...PADUS TWO DEPARTURE (RNAV)...SKIPS TWO DEPARTURE (RNAV)...VALLY TWO DEPARTURE (RNAV)...WINCO TWO DEPARTURE (RNAV)...TAKEOFF OBSTACLE NOTES: RWY 27: TEMP CRANES BEGINNING 1.14 NM FROM DER, 873 FT LEFT OF CENTERLINE, UP TO 180 FT AGL/191 FT MSL (2016-ASO-11728/11729/11730/11731-OE). RWY 8R: TEMP CRANE 4381 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 151 FT AGL/158 FT MSL (2016-ASO-24569-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612162216-1707282215EST.

FDC 6/3322 MIA ODP MIAMI INTL, MIAMI, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 17A...TAKEOFF MINIMUMS: RWY 8L, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 382 FT PER NM TO 1100. RWY 9, STANDARD WITH MINIMUM CLIMB OF 286 FT PER NM TO 1400. RWY 27, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 400. DEPARTURE PROCEDURE: RWY 8R CLIMB HEADING 092 TO 1200 BEFORE TURNING RIGHT. RWY 8L, CLIMB HEADING 092 TO 1100 BEFORE TURNING RIGHT. NOTE: RWY 8L, TEMP CRANE 1.20 NM FROM DER, 1249 FT LEFT OF CENTERLINE, 197 FT AGL/206 FT MSL (2016-ASO-15645-OE). RWY 27, TEMP CRANES BEGINNING 1.14 NM FROM DER, 873 FT LEFT OF CENTERLINE, UP TO 180 FT AGL/191 FT MSL (2016-ASO-11728/11729/11730/11731-OE). RWY 8R, TEMP CRANE 4381 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 151 FT AGL/158 FT MSL (2016-ASO-24569-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612162213-1707282210EST.

FDC 6/3320 MIA SID MIAMI INTL, MIAMI, FL. MIAMI FIVE DEPARTURE...TAKEOFF MINIMUMS: RWY 27: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 400. TAKEOFF OBSTACLE NOTES: RWY 27: TEMP CRANES BEGINNING 1.14 NM FROM DER, 873 FT LEFT OF CENTERLINE, UP TO 180 FT AGL/191 FT MSL (2016-ASO-11728/11729/11730/11731-OE). RWY 8R: TEMP CRANE 4381 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 151 FT AGL/158 FT MSL (2016-ASO-24569-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612162206-1707282204EST.

FDC 6/3318 MIA SID MIAMI INTL, MIAMI, FL. POTTR SIX DEPARTURE...SOUBY FIVE DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 8R: TEMP CRANE 4381 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 151 FT AGL/158 FT MSL (2016-ASO-24569-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612162203-1707282202EST.

FDC 6/1444 MIA IAP MIAMI INTL, MIAMI, FL. RNAV (GPS) Z RWY 26L, AMDT 2...LPV DA NA. LNAV/VNAV DA 506/HAT 498, VIS 1 3/4 ALL CATS. 1611021553-1706141553EST.

Opa-Locka Executive

FDC 6/5824 OPF STAR OPA LOCKA EXECUTIVE AIRPORT, MIAMI, FLORIDA BLUFI THREE ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

FDC 6/5799 OPF STAR OPA-LOCKA EXECUTIVE AIRPORT, MIAMI, FLORIDA GISSH FOUR ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

NAPLES

Naples Muni

FDC 7/4252 APF CHART NAPLES MUNI, NAPLES, FL. RNAV (GPS) RWY 5, AMDT 2...CORRECT PLANVIEW: ADD TEXT 20 NM TO FEVSI TO FEVSI TAA BETWEEN 137 DEGREES AND 227 DEGREES FOR THE 2100 ALTITUDE AREA. 1701131924-PERM.

NEW SMYRNA BEACH

Massey Ranch Airpark

FDC 7/6577 X50 IAP MASSEY RANCH AIRPARK, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 36, ORIG...LNAV MINIMUMS: NA. 1701222039-1709032039EST.

FDC 7/6575 X50 IAP MASSEY RANCH AIRPARK, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 18, ORIG...LP MINIMUMS: NA. LNAV MINIMUMS: NA. 1701222037-1709032037EST.

New Smyrna Beach Muni

FDC 7/6331 EVB IAP NEW SMYRNA BEACH MUNI, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 29, ORIG-A...NOTE: CIRCLING RWY 7, 11, 20, 25 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 29 CATS C AND D, 7, 11, 25 NA. 1701201819-1709011819EST.

FDC 7/6330 EVB IAP NEW SMYRNA BEACH MUNI, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 25, ORIG-A...NOTE: STRAIGHT-IN RWY 25 NA AT NIGHT. NOTE: CIRCLING RWY 7,11, 20 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 7, 11, 25 NA. 1701201819-1709011819EST.

FDC 7/6329 EVB IAP NEW SMYRNA BEACH MUNI, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 7, ORIG-A...NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT. NOTE: CIRCLING RWY 11, 20, 25 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 7, 11, 25 NA. 1701201819-1709011819EST.

FDC 7/6328 EVB IAP NEW SMYRNA BEACH MUNI, NEW SMYRNA BEACH, FL. RNAV (GPS) RWY 2, ORIG-A...DISREGARD NOTE: NIGHT LANDING: RWY 2 CATS C AND D, 7, 11, 25 NA. NOTE: CIRCLING RWY 7, 11, 20, 25 NA AT NIGHT. 1701201819-1709011819EST.

ORLANDO

Executive

FDC 6/5827 ORL STAR ORLANDO EXECUTIVE AIRPORT, ORLANDO, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

Kissimmee Gateway

FDC 6/5832 ISM STAR KISSIMMEE GATEWAY AIRPORT, ORLANDO, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

Orlando Intl

FDC 7/9152 MCO SID ORLANDO INTL, ORLANDO, FL. CITRUS EIGHT DEPARTURE...JAGUAR FIVE DEPARTURE...MCCOY ONE DEPARTURE...TAKEOFF MINIMUMS: RWY 35L: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 402 FT PER NM TO 400. TAKEOFF OBSTACLE NOTES: RWY 35L: TEMP CRANE 4808 FT FROM DER, 1554 FT RIGHT OF CENTERLINE, 180 FT AGL/275 FT MSL (2016-ASO-2386-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1701310600-1702172155EST.

FDC 7/9150 MCO ODP ORLANDO INTL, ORLANDO, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 35L, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 402 FT PER NM TO 400. NOTE: RWY 35L, TEMP CRANE 4808 FT FROM DER, 1554 FT RIGHT OF CENTERLINE, 180 FT AGL/275 FT MSL (2016-ASO-2386-NRA). ALL OTHER DATA REMAINS AS PUBLISHED. 1701310600-1702172152EST.

FDC 7/9148 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 17L, AMDT 1...LNAV MDA 580/HAT 490 ALL CATS. VIS CATS CATS C/D RVR 5000. TEMP CRANE 275 MSL 3344 FT NW OF RWY 17L (2016-ASO-2386-NRA). 1701310600-1702172141EST.

FDC 7/0803 MCO SID ORLANDO INTL, ORLANDO, FL. JAGUAR FIVE DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, VQQ VOR OUT OF SERVICE. 1701042151-1704232149EST.

FDC 6/7226 MCO SID ORLANDO INTL, ORLANDO, FL. JAGUAR FIVE DEPARTURE...CHANGE NOTE TO READ CECIL TRANSITION FOR ATL AND ATL TERMINAL AREA ARRIVALS OR AS ASSIGNED BY ATC. 1611150900-PERM.

FDC 6/5833 MCO STAR ORLANDO INTL, ORLANDO, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/3121 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 36L, AMDT 1...LNAV/VNAV DA 536/HAT 443, VIS 1 1/2 ALL CATS. LNAV MDA 580/HAT 487 ALL CATS. VIS CATS C/D 1 3/8. VDP 1.32 NM TO RWY 36L. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 1608262015-1704072015EST.

FDC 6/3120 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 36R, AMDT 1...LNAV/VNAV DA 583/HAT 491, VIS 1 1/8 ALL CATS. LNAV MDA 680/HAT 588 ALL CATS. VIS CATS A/B 1, CATS C/D 1 1/4. VDP 1.62 NM TO RWY 36R. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 1608262015-1704072015EST.

FDC 6/3119 MCO IAP ORLANDO INTL, ORLANDO, FL. RNAV (GPS) RWY 35L, AMDT 1...LNAV MDA 680/HAT 592 ALL CATS. VIS CATS C/D 1 1/4. DISREGARD LNAV ONLY AMICI AND ALTITUDE 540. DISREGARD INOP TABLE NOTE. TEMP CRANES 372 MSL 3713 FT SE OF RWY 36R THRU 1 NM NE OF RWY 36R (2014-ASO-3057/58/59/60-NRA). 1608262015-1704072015EST.

FDC 5/9788 MCO STAR ORLANDO INTL, ORLANDO, FL. PIGLT FOUR STAR...HKUNA VERTICAL PALNNG INFORMATION...CHANGE TO READ: EXPECT FL290. 1511062000-PERM.

Orlando Sanford Intl

FDC 6/5830 SFB STAR ORLANDO SANFORD INTERNATIONAL AIRPORT, ORLANDO, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

ORMOND BEACH

Ormond Beach Muni

FDC 6/7426 OMN ODP ORMOND BEACH MUNI, ORMOND BEACH, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 8, STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER. 1610121239-1705241239EST.

PALM COAST

Flagler Executive

FDC 6/9773 FIN IAP FLAGLER EXECUTIVE, PALM COAST, FL. RNAV (GPS) RWY 24, ORIG-E...RNAV (GPS) RWY 6, AMDT 1D...CIRCLING CAT A MDA 560/HAA 527. TEMP CRANE 200 MSL 1343 FT N OF RWY 24 (2016-ASO-581-NRA). 1608081721-1703201721EST.

FDC 6/2830 FIN IAP FLAGLER EXECUTIVE, PALM COAST, FL. RNAV (GPS) RWY 11, AMDT 1C...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: NIGHT LANDING: RWY 11 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1612152246-1707272245EST.

PENSACOLA

Pensacola Intl

FDC 6/4036 PNS IAP PENSACOLA INTL, PENSACOLA, FL. RNAV (GPS) RWY 26, AMDT 2C...LNAV/VNAV DA 430/ HAT 316 ALL CATS, VISIBILITY ALL CATS 1. CIRCLING CAT A MDA 660/ HAA 539. TEMPORARY CRANES UP TO 295 MSL BEGINNING 4111FT NORTHWEST OF RWY 26 (2016-ASO 4338-NRA THROUGH 2016-ASO-4361-NRA). 1612201834-1708011834EST.

FDC 6/4035 PNS IAP PENSACOLA INTL, PENSACOLA, FL. ILS OR LOC RWY 17, AMDT 14B...S-ILS 17 DA 425/ HAT 304 ALL CATS, VISIBILITY ALL CATS RVR 2400. ALICO FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) CIRCLING CAT A MDA 660/ HAA 539. TEMPORARY CRANES UP TO 295 MSL BEGINNING 1194FT EAST OF RWY 17 (2016-ASO 4338-NRA THROUGH 2016-ASO-4361-NRA). 1612201834-1708011834EST.

FDC 6/4033 PNS IAP PENSACOLA INTL, PENSACOLA, FL. RNAV (GPS) RWY 17, AMDT 2C...LPV DA 425/ HAT 304 ALL CATS. LNAV/VNAV DA 506/ HAT 385 ALL CATS, VISIBILITY ALL CATS RVR 4500. LNAV MDA 600/ HAT 479 ALL CATS, VISIBILITY CATS C/D RVR 4500. CIRCLING CAT A MDA 660/ HAA 539. VDP 1.35NM TO RW17. CHANGE INOP NOTE TO READ: FOR INOP MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE, AND LNAV CATS C/D VISIBILITY TO 1 3/8 MILE. TEMPORARY CRANES UP TO 295 MSL BEGINNING 1194FT EAST OF RWY 17 (2016-ASO 4338-NRA THROUGH 2016-ASO-4361-NRA). 1612201834-1708011834EST.

FDC 6/4032 PNS IAP PENSACOLA INTL, PENSACOLA, FL. LOC RWY 26, AMDT 1A...NDB RWY 35, AMDT 17B...RNAV (GPS) RWY 35, AMDT 2C...RNAV (GPS) RWY 8, AMDT 2C...CIRCLING CAT A MDA 660/ HAA 539. TEMPORARY CRANES UP TO 295 MSL BEGINNING 2705FT NORTH OF PNS AIRPORT (2016-ASO 4338-NRA THROUGH 2016-ASO-4361-NRA). 1612201834-1708011834EST.

POMPANO BEACH

Pompano Beach Airpark

FDC 6/5805 PMP STAR POMPANO BEACH AIRPARK, POMPANO BEACH, FLORIDA BLUF I THREE ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

FDC 6/5802 PMP STAR POMPANO BEACH AIRPARK, POMPANO BEACH, FLORIDA GISSH FOUR ARRIVAL...MLB TRANSITION UNUSBL MLB VORTAC U/S 1601221600-PERM.

SARASOTA/BRADENTON

Sarasota/Bradenton Intl

FDC 7/9368 SRQ IAP SARASOTA/BRADENTON INTL, SARASOTA/BRADENTON, FL. RNAV (GPS) RWY 4, AMDT 2B...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA 440/HAT 417 ALL CATS. VIS CATS C/D 1 1/2. TEMP CRANE 133 MSL 2431 FT S OF RWY 4 (2016-ASO-11978-OE). 1701311814-1703281814EST.

FDC 7/9367 SRQ SID SARASOTA/BRADENTON INTL, SARASOTA/BRADENTON, FL. SRKUS TWO DEPARTURE (RNAV)...TAKEOFF OBSTACLE NOTES: RWY 22, TEMP CRANE 2204 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 110 FT AGL/133 FT MSL (2016-ASO-11978-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701311814-1703281814EST.

FDC 7/9366 SRQ ODP SARASOTA/BRADENTON INTL, SARASOTA/BRADENTON, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...NOTE: RWY 22, TEMP CRANE 2204 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 110 FT AGL/133 FT MSL (2016-ASO-11978-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1701311814-1703281814EST.

SEBASTIAN

Sebastian Muni

FDC 6/6599 X26 ODP SEBASTIAN MUNI, SEBASTIAN, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 10, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 285 FEET PER NM TO 300. NOTE: RWY 10, ANTENNA 5232 FEET FROM DER, 1708 FEET LEFT OF CENTERLINE, 187 FEET AGL/212 FEET MSL.. ALL OTHER DATA REMAINS AS PUBLISHED.
1610111313-1705231313EST.

ST AUGUSTINE

Northeast Florida Rgnl

FDC 5/8965 SGJ IAP NORTHEAST FLORIDA RGNL, ST AUGUSTINE, FL. VOR RWY 31, ORIG-A...S-31 MINIMUMS NA. CIRCLING CAT A MDA 560/HAA 550, CATS B/C/D MDA 580/HAT 570. DME MINIMUMS S-31 NA. CIRCLING CAT A MDA 560/HAA 550, CATS B/C/D MDA 580/HAT 570. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSONVILLE NAS (TOWERS FLD) ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. DISREGARD NOTES: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 PROCEDURE NA AT NIGHT. CIRCLING TO RWY 2/20 AND RWY 6/24 NA AT NIGHT. VISIBILITY REDUCTION BY HELICOPTERS NA. TEMPORARY CRANE 192 MSL 3635 FT SE OF RWY 13.
1511301325-1605281325EST.

ST PETERSBURG

Albert Whitted

FDC 7/9069 SPG IAP ALBERT WHITTED, ST PETERSBURG, FL. RNAV (GPS) RWY 36, AMDT 1...CIRCLING CATS A/B MDA 900/HAA 893. VIS CATS A/B 1 1/4. TEMP CRANE 585 MSL 3387 FT W OF RWY 18 (2016-ASO-3905-OE). 1701301655-1709301655EST.

FDC 7/9067 SPG IAP ALBERT WHITTED, ST PETERSBURG, FL. RNAV (GPS) RWY 18, ORIG-D...LNAV CATS A/B MDA 840/HAT 835. VIS CAT B 1 1/4. CIRCLING CATS A/B MDA 900/HAA 893. VIS CATS A/B 1 1/4. VDP NA. NOTE: DESCENT ANGLE 4.00/TCH 37 NA. TEMP CRANE 585 MSL 3387 FT W OF RWY 18 (2016-ASO-3905-OE).
1701301654-1709301653EST.

FDC 7/9065 SPG ODP ALBERT WHITTED, ST PETERSBURG, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE: RWY 36, CLIMB HEADING TO 700. ALL OTHER DATA REMAINS AS PUBLISHED. 1701301653-1709301652EST.

FDC 7/9062 SPG IAP ALBERT WHITTED, ST PETERSBURG, FL. VOR RWY 18, AMDT 9A...S-18 CATS A/B MDA 1000/HAT 995. VIS CAT A 1 1/4, CAT B 1 1/2. CIRCLING CATS A/B MDA 1000/HAA 993. VIS CAT B 1 1/2. VDP NA. WUXUT FIX MINIMUMS (DME REQUIRED) NA. TEMP CRANE 585 MSL 3387 FT W OF RWY 18 (2016-ASO-3905-OE).
1701301651-1709301651EST.

FDC 6/5571 SPG STAR ALBERT WHITTED, ST PETERSBURG, FL. DARBS THREE ARRIVAL...ARRIVAL PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS. PIE VORTAC R-336 UNUSABLE BEYOND 40 NM. 1607141200-PERM.

FDC 6/2691 SPG IAP ALBERT WHITTED, ST PETERSBURG, FL. RNAV (GPS) RWY 7, AMDT 3D...CIRCLING CATS A/B/C MDA 900/HAA 893. VIS CATS A/B 1 1/4. TEMP CRANE 585 MSL 3387 FT W OF RWY 18 (2016-ASO-3905-OE).
1609151450-1704271450EST.

ST PETERSBURG-CLEARWATER

St Pete-Clearwater Intl

FDC 7/6398 PIE IAP ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL. ILS OR LOC RWY 36, ORIG...DISREGARD NOTE: PROCEDURE NA WHEN CONTROL TOWER CLOSED.
1701202057-1709012057EST.

FDC 7/6394 PIE IAP ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL. ILS OR LOC RWY 18, ORIG...DISREGARD NOTE: S-ILS 18 NA WHEN CONTROL TOWER CLOSED.
1701202053-1709012053EST.

FDC 7/4364 PIE VFP ST PETE-CLEARWATER INTL, ST PETERSBURG-CLEARWATER, FL. NORTH BAY VISUAL RWY 18L, AMDT 5...CHANGE ALL REFERENCES FROM RWY 18L TO READ RWY 18. CHANGE REFERENCE FROM RWY 36R TO RWY 36. ALL OTHER DATA REMAINS AS PUBLISHED.
1701132226-1708252226EST.

FDC 6/5563 PIE STAR ST PETE CLEARWATER INTL, ST PETERSBURG CLEARWATER FL. DARBS THREE ARRIVAL...ARRIVAL PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS. PIE VORTAC R-336 UNUSABLE BEYOND 40 NM. 1607141200-PERM.

TAMPA

Macdill AFB

FDC 6/5562 MCF STAR MACDILL AIR FORCE BASE, TAMPA, FL. DARBS THREE ARRIVAL...ARRIVAL PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS. PIE VORTAC R-336 UNUSABLE BEYOND 40 NM. 1607141200-PERM.

Peter O Knight

FDC 7/9928 TPF ODP PETER O KNIGHT, TAMPA, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7. NOTE: RWY 18, SIGN 19 FT FROM DEPARTURE END OF RWY, 104 FT RIGHT OF CENTERLINE, 8 FT MSL. BLDG, POLE, BUSH BEGINNING 35 FT FROM DEPARTURE END OF RWY, 189 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/37 FT MSL. SIGN 62 FT FROM DEPARTURE END OF RWY, 161 FT LEFT OF CENTERLINE, 15 FT MSL. TREE 100 FT FROM DEPARTURE END OF RWY, 217 FT LEFT OF CENTERLINE, 27 FT MSL. TREE, POLE, BUSH BEGINNING 103 FT FROM DEPARTURE END OF RWY, 93 FT LEFT OF CENTERLINE, UP TO 28 FT MSL. SMALL BOATS BEGINNING 250 FT FROM DEPARTURE END OF RWY, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT MSL. TREE 926 FT FROM DEPARTURE END OF RWY, 334 FT LEFT OF CENTERLINE, 33 FT MSL. TREE 1050 FT FROM DEPARTURE END OF RWY, 293 FT LEFT OF CENTERLINE, 36 FT MSL. TREES BEGINNING 1695 FT FROM DEPARTURE END OF RWY, 531 FT RIGHT OF CENTERLINE, UP TO 52 FT MSL. TREE 1792 FT FROM DEPARTURE END OF RWY, 969 FT RIGHT OF CENTERLINE, 62 FT MSL. NOTE: RWY 22, FENCE 4 FT FROM DEPARTURE END OF RWY, 460 FT RIGHT OF CENTERLINE, 7 FT AGL/12 FT MSL. SIGNS BEGINNING 21 FT FROM DEPARTURE END OF RWY, 120 FT LEFT OF CENTERLINE, UP TO 9 FT MSL. POLE, RD (N), TREE BEGINNING 105 FT FROM DEPARTURE END OF RWY, 274 FT LEFT OF CENTERLINE, UP TO 33 FT MSL. TREE, BLDG BEGINNING 288 FT FROM DEPARTURE END OF RWY, 260 FT RIGHT OF CENTERLINE, UP TO 37 FT MSL. SMALL BOATS BEGINNING 450 FT FROM DEPARTURE END OF RWY, 380 FT LEFT OF CENTERLINE, UP TO 30 MSL. TREE 585 FT FROM DEPARTURE END OF RWY, 379 FT RIGHT OF CENTERLINE, 42 FT MSL. TREE, POLE BEGINNING 628 FT FROM DEPARTURE END OF RWY, 444 FT RIGHT OF CENTERLINE, UP TO 48 FT MSL. TREE, BLDG BEGINNING 646 FT FROM DEPARTURE END OF RWY, 220 FT RIGHT OF CENTERLINE, UP TO 52 FT MSL. TREE, BLDG, POLE BEGINNING 676 FT FROM DEPARTURE END OF RWY, 211 FT RIGHT OF CENTERLINE, UP TO 56 FT MSL. TREE, BLDG, POLE BEGINNING 854 FT FROM DEPARTURE END OF RWY, 294 FT ALL OTHER DATA REMAINS AS PUBLISHED. 17020119

FDC 6/5573 TPF STAR PETER O KNIGHT, TAMPA, FL. DARBS THREE ARRIVAL...ARRIVAL PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS. PIE VORTAC R-336 UNUSABLE BEYOND 40 NM. 1607141200-PERM.

Tampa Executive

FDC 7/1359 VDF IAP TAMPA EXECUTIVE, TAMPA, FL. ILS OR LOC RWY 23, AMDT 1C...RNAV (GPS) RWY 18, AMDT 1A...RNAV (GPS) RWY 23, AMDT 1C...CIRCLING CAT A MDA 660/HAA 639. TEMP CRANE 309 MSL 1.64 NM SW OF RWY 5 (2017-ASO-487-OE). 1702061532-1703101532EST.

FDC 7/1358 VDF ODP TAMPA EXECUTIVE, TAMPA, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 23, 400-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 281 FT PER NM TO 500. NOTE: RWY 23, TEMP CRANE 1.62 NM FROM DER, 1376 FT RIGHT OF CENTERLINE, 275 FT AGL/309 FT MSL (2017-ASO-487-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1702061532-1703101532EST.

FDC 7/1357 VDF IAP TAMPA EXECUTIVE, TAMPA, FL. RNAV (GPS) RWY 5, ORIG-C...LNAV/VNAV CATS A/B/C DA 658/HAT 637, VIS CATS A/B/C 2 1/4. LNAV CATS A/B/C MDA 620/HAT 599, VIS CAT C 1 3/4. CIRCLING CAT A MDA 660/HAA 639. VDP NA. TEMP CRANE 309 MSL 1.64 NM SW OF RWY 5 (2017-ASO-487-OE). 1702061532-1703101532EST.

Tampa Intl

FDC 6/5302 TPA STAR TAMPA INTL, TAMPA, FL. DARBS THREE ARRIVAL...ARRIVAL PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS. PIE VORTAC R-336 UNUSABLE BEYOND 40NM. 1607132000-PERM.

FDC 6/0647 TPA IAP TAMPA INTL, TAMPA, FL. ILS OR LOC RWY 19L, AMDT 40C...ILS RWY 19L (SA CAT I), AMDT 40C...ILS RWY 19L (CAT II), AMDT 40C...MISSED APPROACH: CLIMB TO 3000 ON SRQ VORTAC R-007 TO CARIR INT/SRQ 16.8 DME AND HOLD. 1610141749-1705261749EST.

TITUSVILLE

Arthur Dunn Air Park

FDC 6/2221 X21 IAP ARTHUR DUNN AIR PARK, TITUSVILLE, FL. RNAV (GPS) RWY 15, ORIG-B...RNAV (GPS) RWY 33, ORIG-B...LNAV MDA NA. 1611222115-1707042115EST.

Nasa Shuttle Landing Facility

FDC 7/0684 TTS IAP NASA SHUTTLE LANDING FACILITY, TITUSVILLE, FL. RNAV (GPS) RWY 15, AMDT 1...CHART TDZE 8, DELETE THRE 8. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1702022033-PERM.

Space Coast Rgnl

FDC 6/5829 TIX STAR SPACE COAST REGIONAL AIRPORT, TITUSVILLE, FLORIDA GOOFY SIX ARRIVAL...MLB TRANSITION UNUSABLE MLB VORTAC U/S 1601221600-PERM.

FDC 6/4702 TIX IAP SPACE COAST RGNL, TITUSVILLE, FL. RNAV (GPS) RWY 9, AMDT 1...LNAV/VNAV DA 346/HAT 314, VIS 1 ALL CATS. LNAV MDA 420/HAT 388 ALL CATS. VIS CATS C/D 1 1/8. VDP 1.07 NM TO RW09. 1609191805-1705011805EST.

UMATILLA

Umatilla Muni

FDC 6/8979 X23 IAP UMATILLA MUNI, UMATILLA, FL. RNAV (GPS) RWY 19, ORIG-B...LP MDA NA. LNAV MDA NA. 1611161852-1706281852EST.

FDC 6/8978 X23 IAP UMATILLA MUNI, UMATILLA, FL. RNAV (GPS) RWY 1, ORIG-A...LNAV MDA NA. 1611161852-1706281852EST.

VENICE

Venice Muni

FDC 6/1151 VNC ODP VENICE MUNI, VENICE, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 5, 300-1. NOTE: RWY 5, TEMP CRANE 1138 FT FROM DER, 747 FT RIGHT OF CENTERLINE, 160 FT AGL/177 FT MSL (2016-ASO-27008-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1611021325-1706141325EST.

VERO BEACH

Vero Beach Muni

FDC 6/2139 VRB IAP VERO BEACH MUNI, VERO BEACH, FL. VOR RWY 12R, AMDT 14C...PROCEDURE NA. 1611031430-1706151430EST.

WEST PALM BEACH

North Palm Beach County General Aviation

FDC 6/8895 F45 IAP NORTH PALM BEACH COUNTY GENERAL AVIATION, WEST PALM BEACH, FL. VOR RWY 8R, AMDT 1B...NOTE: NIGHT LANDING: RWY 26R NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. 1610131337-1705251337EST.

Palm Beach Intl

FDC 7/1263 PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. ILS OR LOC RWY 10L, AMDT 27...CIRCLING CAT C MDA 760/HAA 740. VIS CAT C 2. PASTE DME FIX MINIMUMS CIRCLING CAT C MDA 760/HAA 740. VIS CAT C 2. TEMP CRANE 407 MSL 2.11 NM NE OF RWY 28R (2016-ASO-25684-OE). 1701051647-1708171647EST.

FDC 6/2673 PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. RNAV (RNP) Z RWY 10L, AMDT 1A...RNP 0.11 DA 342/HAT 322, RVR 3000. RNP 0.30 DA 440/HAT 420, RVR 5000. FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 5000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/8 SM. 1611232125-1707052125EST.

FDC 6/0299 PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. ILS OR LOC RWY 28R, AMDT 3A...RNAV (GPS) Y RWY 10L, AMDT 3A...RNAV (GPS) Y RWY 28R, AMDT 2A...RNAV (GPS) Y RWY 32, AMDT 2A...CIRCLING CATS C/D MDA 760/HAA 740. VIS CAT C 2. TEMP CRANE 407 MSL 2.11 NM NE OF RWY 28R (2016-ASO-25684-OE). 1611011145-1706131145EST.

WINTER HAVEN

Winter Haven's Gilbert

FDC 7/8879 GIF ODP WINTER HAVEN S GILBERT, WINTER HAVEN, FL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 29, BUILDING 20 FT FROM DER, 500 FT LEFT OF CENTERLINE, 20 FT AGL/158 FT MSL (2016-ASO-12755-OE). LIGHT POLE 920 FT FROM DER, 308 FT RIGHT OF CENTERLINE, 25 FT AGL/170 FT MSL (2016-ASO-12738-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701292150-1709102150EST.

ZEPHYRHILLS

Zephyrhills Muni

FDC 6/6748 ZPH IAP ZEPHYRHILLS MUNI, ZEPHYRHILLS, FL. RNAV (GPS) RWY 19, AMDT 1...LNAV MDA 480/HAT 390 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610111431-1705231431EST.

FDC 6/6633 ZPH IAP ZEPHYRHILLS MUNI, ZEPHYRHILLS, FL. RNAV (GPS) RWY 1, AMDT 1...LNAV MDA 460/HAT 373 ALL CATS. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610111343-1705231342EST.

GEORGIA

ADEL

Cook County

FDC 7/8629 15J IAP COOK COUNTY, ADEL, GA. RNAV (GPS) RWY 23, AMDT 1...CHART TDZE 235, DELETE THRE 235. CHART NOTE: RWY 15, 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 23, AMDT 1A. 1701272055-PERM.

FDC 7/8628 15J IAP COOK COUNTY, ADEL, GA. RNAV (GPS) RWY 5, AMDT 1...LPV DA 536. LNAV/VNAV DA 720. LNAV HAT 605 ALL CATS. CHART TDZE 235, DELETE THRE 233. CHART NOTE: RWY 15, 33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, AMDT 1A. 1701272055-PERM.

ALBANY

Southwest Georgia Rgnl

FDC 7/1793 ABY IAP SOUTHWEST GEORGIA RGNL, ALBANY, GA. ILS OR LOC RWY 4, AMDT 12...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2200 DIRECT PUTNY LOM/I-7.15 DME AND HOLD SW, RT, 044.00 INBOUND. (ADF REQUIRED). ALTERNATE MINIMUMS NA. PZD VORTAC OUT OF SERVICE AND PUTNY LOM UNMONITORED.. 1701061630-1708181630EST.

FDC 6/3996 ABY IAP SOUTHWEST GEORGIA RGNL, ALBANY, GA. LOC BC RWY 22, AMDT 8A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PZD VORTAC OUT OF SERVICE. 1612201514-1708011514EST.

AMERICUS

Jimmy Carter Rgnl

FDC 6/4437 ACJ IAP JIMMY CARTER RGNL, AMERICUS, GA. RNAV (GPS) RWY 5, AMDT 1A...DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 5 NA AT NIGHT. 1612211931-1708021931EST.

FDC 6/4435 ACJ IAP JIMMY CARTER RGNL, AMERICUS, GA. RNAV (GPS) RWY 23, AMDT 1A...DISREGARD NOTE: CIRCLING RWY 5 NA AT NIGHT. 1612211931-1708021931EST.

FDC 6/4433 ACJ IAP JIMMY CARTER RGNL, AMERICUS, GA. ILS OR LOC RWY 23, AMDT 1B...DISREGARD NOTE: NIGHT LANDING RWY 5 NA. 1612211931-1708021931EST.

ATLANTA

Atlanta Rgnl Falcon Field

FDC 6/7186 FFC STAR ATLANTA REGIONAL AIRPORT-FALCON FIELD, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/5763 FFC IAP ATLANTA RGNL FALCON FIELD, ATLANTA, GA. NDB RWY 31, AMDT 3B...NOTE; CIRCLING RWY 13 NA AT NIGHT. 1610242020-1706052020EST.

FDC 6/5757 FFC IAP ATLANTA RGNL FALCON FIELD, ATLANTA, GA. ILS OR LOC RWY 31, AMDT 2B...AGEHO FIX MINIMUMS: CIRCLING CAT A/B/C MDA 1340/HAA 532. NOTE: CIRCLING RWY 13 NA AT NIGHT. 1610242011-1706052011EST.

FDC 6/5745 FFC IAP ATLANTA RGNL FALCON FIELD, ATLANTA, GA. RNAV (GPS) RWY 13, AMDT 2A...LPV AND LNAV/VNAV DA NA. CIRCLING CAT A/B/C MDA 1340/HAA 532. NOTE: STRAIGHT-IN RWY 13 NA AT NIGHT.. NOTE: CIRCLING RWY 13 NA AT NIGHT. 1610242002-1706052002EST.

FDC 6/5737 FFC IAP ATLANTA RGNL FALCON FIELD, ATLANTA, GA. RNAV (GPS) RWY 31, AMDT 2B...LNAV/VNAV DA 1189/HAT 381 ALL CATS. CIRCLING CAT A/B/C MDA 1340/HAA 532. NOTE: CIRCLING RWY 13 NA AT NIGHT. 1610241957-1706051957EST.

Cobb County Intl-Mccollum Field

FDC 6/8129 RYY STAR COBB COUNTY INTERNATIONAL AIRPORT-MCCOLLUM FIELD, ATLANTA, GA. DIFFI THREE ARRIVAL TURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/8115 RYY STAR COBB COUNTY INTERNATIONAL AIRPORT-MCCOLLUM FIELD, ATLANTA, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/7189 RYY STAR COBB COUNTY INTERNATIONAL AIRPORT-MCCOLLUM FIELD, ATLANTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/7173 RYY STAR COBB COUNTY INTERNATIONAL AIRPORT-MCCOLLUM FIELD, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/7165 RYY STAR COBB COUNTY INTERNATIONAL AIRPORT-MCCOLLUM FIELD, ATLANTA, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

Covington Muni

FDC 6/7202 CVC STAR COVINGTON MUNICIPAL AIRPORT, ATLANTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7184 CVC STAR COVINGTON MUNICIPAL AIRPORT, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

Dekalb-Peachtree

FDC 6/8263 PDK STAR DEKALB-PEACHTREE AIRPORT, ATLANTA, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000 OR 5000. 1611152000-1711150900.

FDC 6/8156 PDK STAR DEKALB-PEACHTREE AIRPORT, ATLANTA, GA. DIFFI THREE ARRIVAL TURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/7195 PDK STAR DEKALB-PEACHTREE AIRPORT, ATLANTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7178 PDK STAR DEKALB-PEACHTREE AIRPORT, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7168 PDK STAR DEKALB-PEACHTREE AIRPORT, ATLANTA, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

Fulton County Airport-Brown Field

FDC 6/8891 FTY ODP FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKE-OFF MINIMUMS: RWY 8, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 326 FT PER NM TO 1300. RWY 9, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 296 FT PER NM TO 1300. RWY 26, 500-3 WITH MINIMUM CLIMB OF 203 FT PER NM TO 1500 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1400. ALL OTHER DATA REMAINS AS PUBLISHED.
1610131333-1705251333EST.

FDC 6/8157 FTY STAR FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. DIFFI THREE ARRIVAL TURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/8120 FTY STAR FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/7199 FTY STAR FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7180 FTY STAR FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7169 FTY STAR FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/5097 FTY ODP FULTON COUNTY AIRPORT-BROWN FIELD, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...NOTE: RWY 9, TEMP CRANE 799 FT FROM DER, 380 FT LEFT OF CENTERLINE, 100 FT AGL/900 FT MSL (2016-ASO-4028/4238-NRA). ALL OTHER DATA REMAINS AS PUBLISHED.
1612281300-1708081710EST.

Hartsfield - Jackson Atlanta Intl

FDC 6/7161 ATL STAR HARTSFIELD JACKSON ATLANTA INTERNATIONAL AIRPORT, ATLANTA, GA. KOLTT ONE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7158 ATL STAR HARTSFIELD JACKSON ATLANTA INTERNATIONAL AIRPORT, ATLANTA, GA. ONYON ONE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7157 ATL STAR HARTSFIELD JACKSON ATLANTA INTERNATIONAL AIRPORT, ATLANTA, GA. WARRR ONE ARRIVAL... ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7155 ATL STAR HARTSFIELD JACKSON ATLANTA INTERNATIONAL AIRPORT, ATLANTA, GA. DIRTY THREE ARRIVAL ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/4607 ATL STAR HARTSFIELD JACKSON ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA. VYPPR ONE ARRIVAL : DISREGARD ALL PUBLISHED SPEEDS AND ALTITUDES INCLUDING THE MACH TO AIRSPEED TRANSITION.. ATC WILL ISSUE SPEEDS AND ALTITUDES, EFFECTIVE
1612231000-1708171000.

FDC 6/4606 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
RAGGZ ONE ARRIVAL : DISREGARD ALL
PUBLISHED SPEEDS AND ALTITUDES INCLUDING
THE MACH TO AIRSPEED TRANSITION.. ATC WILL
ISSUE SPEEDS AND ALTITUDES.
1612231000-1708171000.

FDC 6/4605 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
SMOOV ONE ARRIVAL : DISREGARD ALL
PUBLISHED SPEEDS AND ALTITUDES INCLUDING
THE MACH TO AIRSPEED TRANSITION.. ATC WILL
ISSUE SPEEDS AND ALTITUDES. EFFECTIVE
1612231000-1708171000.

FDC 6/4604 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
CHOPI ONE ARRIVAL: DISREGARD ALL PUBLISHED
SPEEDS AND ALTITUDES INCLUDING THE MACH TO
AIRSPEED TRANSITION. ATC WILL ISSUE SPEEDS
AND ALTITUDES. 1612231000-1708171000.

FDC 6/4603 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
WINNG ONE ARRIVAL : DISREGARD ALL
PUBLISHED SPEEDS AND ALTITUDES INCLUDING
THE MACH TO AIRSPEED TRANSITION. ATC WILL
ISSUE SPEEDS AND ALTITUDES. EFFECTIVE
1612231000-1708171000.

FDC 6/4601 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
PECHY ONE ARRIVAL : DISREGARD ALL PUBLISHED
SPEEDS AND ALTITUDES INCLUDING THE MACH TO
AIRSPEED TRANSITION. ATC WILL ISSUE SPEEDS
AND ALTITUDES. 1612231000-1708171000.

FDC 6/4598 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
STOWL ONE ARRIVAL : DISREGARD ALL
PUBLISHED SPEEDS AND ALTITUDES INCLUDING
THE MACH TO AIRSPEED TRANSITION. ATC WILL
ISSUE SPEEDS AND ALTITUDES. EFFECTIVE
1612231000-1708171000.

FDC 6/4595 ATL STAR HARTSFIELD JACKSON
ATLANTA INTERNATIONAL AIRPORT, ATLANTA GA.
DRMMM ONE ARRIVAL: DISREGARD ALL
PUBLISHED SPEEDS AND ALTITUDES INCLUDING
THE MACH TO AIRSPEED TRANSITION. ATC WILL
ISSUE SPEEDS AND ALTITUDES.
1612231000-1708171000.

FDC 6/3876 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) PRM
RWY 8R (SIMULTANEOUS CLOSE PARALLEL),
ORIG...RNAV (GPS) RWY 8R, AMDT 4...LNAV/VNAV
DA 1440 / HAT 416 VISIBILITY 1 3/8 ALL CATS.
1612192035-1707312035EST.

FDC 6/3038 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) Y RWY
08L, AMDT 4...LNAV/VNAV DA 1417/HAT 402 ALL
CATS. LNAV MDA 1520/HAT 505 ALL CATS. VIS CATS
C/D RVR 5500. VDP 1.36 NM TO RW08L. TEMPORARY
CRANE 1256 MSL 2271 FT SE OF RWY 8R
(2015-ASO-594-NRA). 1610191650-1705311650EST.

FDC 6/3034 ATL IAP HARTSFIELD - JACKSON
ATLANTA INTL, ATLANTA, GA. RNAV (GPS) PRM Y
RWY 8L (SIMULTANEOUS CLOSE PARALLEL),
ORIG...LNAV/VNAV DA 1417/HAT 402 ALL CATS.
TEMPORARY CRANE 1256 MSL 2271 FT SE OF RWY
8R (2015-ASO-594-NRA). 1610191648-1705311647EST.

FDC 6/2008 ATL STAR HARTSFIELD-JACKSON
ATLANTA INTL, ATLANTA, GA. RPTOR THREE
ARRIVAL NOTE: EXPECT RWY 09R
1609150901-1709150900.

Newnan Coweta County

FDC 6/7185 CCO STAR NEWNAN COWETA COUNTY
AIRPORT, ATLANTA, GA. AWSON THREE
ARRIVALATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/0111 CCO IAP NEWNAN COWETA COUNTY,
ATLANTA, GA. ILS OR LOC/NDB RWY 32,
ORIG...S-ILS 32 VIS 3/4. S-LOC 32 VIS 3/4 ALL CATS.
CIRCLING CATS A/B MDA 1420/HAA 450. CHANGE
ALL REFERENCE OF MALSR TO MALSF. CHANGE
NOTE TO READ: WHEN LOCAL ALTIMETER SETTING
NOT RECEIVED, USE ATLANTA RGNL FALCON
FIELD ALTIMETER SETTING AND INCREASE DA TO
1249 AND ALL MDA 60 FEET, INCREASE CIRCLING
CATS C/D VISIBILITY 1/4 MILE. DISREGARD NOTE:
NIGHT LANDING: RWY 32 NA. CHANGE
HELICOPTER VISIBILITY REDUCTION NOTE TO
READ: HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED.
1610312131-1706122131EST.

Paulding Northwest Atlanta

FDC 7/2129 PUJ IAP PAULDING NORTHWEST
ATLANTA, ATLANTA, GA. RNAV (GPS) RWY 13,
AMDT 1...LPV DA NA LNAV/VNAV DA NA LNAV MDA
NA. 1702072241-1709192241EST.

FDC 6/8128 PUJ STAR PAULDING NORTHWEST
ATLANTA AIRPORT, ATLANTA, GA. DIFFI THREE
ARRIVALTURBO PROPS EXPECT TO CROSS BUZZ
AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO
CROSS BUZZ AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/8113 PUJ STAR PAULDING NORTHWEST
ATLANTA AIRPORT, ATLANTA, GA. BOKRT ONE
ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT
AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO
CROSS BOKRT AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/7188 PUJ STAR PAULDING NORTHWEST
ATLANTA AIRPORT, ATLANTA, GA. BUNNI FOUR
ARRIVAL... ATC ASSIGNED ONLY.
1611150901-1711150900EST.

FDC 6/7172 PUJ STAR PAULDING NORTHWEST
ATLANTA AIRPORT, ATLANTA, GA. AWSON THREE
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7164 PUJ STAR PAULDING NORTHWEST
ATLANTA AIRPORT, ATLANTA, GA. JRAMS FOUR
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

AUGUSTA

Augusta Rgnl At Bush Field

FDC 7/0402 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. RADAR-1 RWY 17, AMDT
8...RADAR-1 RWY 35, AMDT 8...PROCEDURE NA.
1701032127-1708152127EST.

FDC 6/3717 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. RNAV (GPS) RWY 35, AMDT
2A...LPV DA 386/HAT 250 ALL CATS.
1609161645-1704121645EST.

FDC 6/3716 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. ILS OR LOC RWY 35, AMDT
28B...S-ILS 35 DA 386/HAT 250 ALL CATS.
1609161645-1704121645EST.

FDC 6/3715 AGS IAP AUGUSTA RGNL AT BUSH
FIELD, AUGUSTA, GA. RNAV (GPS) Z RWY 8,
ORIG-A...LPV DA 672/HAT 535. CHANGE LOCAL
ALTIMETER SETTING NOTE TO READ: WHEN
LOCAL ALTIMETER SETTING NOT RECEIVED, USE
DANIEL ALTIMETER SETTING: INCREASE LPV DA
TO 727 AND LNAV/VNAV DA TO 829 AND ALL MDA
60 FEET; INCREASE LPV ALL CATS VISIBILITY AND
LNAV/VNAV ALL CATS VISIBILITY AND CIRCLING
CATS C/D VISIBILITY 1/4 MILE AND LNAV CATS C/D
VISIBILITY 1/8 MILE. 1609161645-1704121645EST.

Daniel Field

FDC 7/0412 DNL IAP DANIEL FIELD, AUGUSTA, GA.
RADAR-1 ASR 11, AMDT 7C...RADAR-1 ASR 29,
AMDT 7C...PROCEDURE NA.
1701032134-1708152134EST.

BLAKELY

Early County

FDC 6/4107 BIJ IAP EARLY COUNTY, BLAKELY, GA.
RNAV (GPS) RWY 23, AMDT 2...TAA FROM 143/30 CW
323/30 (NOPT) TO PARGE 3000. TAA FROM 323/30 CW
053/30 TO STRKE 3000. TAA FROM 053/30 CW 143/30
TO VIPRR 3000. MINIMUM ALTITUDE FIX VIPRR,
PARGE, STRKE 3000. NOTE: NIGHT LANDING: RWY
23 NA. CHANGE HELICOPTER RESTRICTION NOTE
TO READ: VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. 1612202129-1708012129EST.

FDC 6/4080 BIJ IAP EARLY COUNTY, BLAKELY, GA.
RNAV (GPS) RWY 5, AMDT 2...MISSED APPROACH:
CLIMB TO 3000 DIRECT PARGE AND HOLD.. NOTE:
NIGHT LANDING: RWY 5 NA. CHANGE HELICOPTER
RESTRICTION NOTE TO READ: VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1612202114-1708012114EST.

FDC 6/3995 BIJ IAP EARLY COUNTY, BLAKELY, GA.
LOC/NDB RWY 23, AMDT 1B...RADAR REQUIRED
FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, PZD VORTAC OUT OF SERVICE.
1612201514-1708011514EST.

BRUNSWICK

Brunswick Golden Isles

FDC 7/5416 BQK IAP BRUNSWICK GOLDEN ISLES,
BRUNSWICK, GA. VOR/DME-B, AMDT
9...PROCEDURE NA EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, SSI TACAN OUT OF SERVICE.
1701181433-1703011433EST.

CALHOUN

Gordon Hospital

FDC 7/4522 GE02 SPECIAL GORDON HOSPITAL,
CALHOUN, GA. COPTER RNAV (GPS) 139,
ORIG...PROCEDURE NA. 1701141950-1708261950EST.

CANTON

Cherokee County

FDC 7/4479 CNI IAP CHEROKEE COUNTY, CANTON,
GA. RNAV (GPS) RWY 23, AMDT 1A...PROCEDURE NA
AT NIGHT. DISREGARD NOTE:
STRAIGHT-IN/CIRCLING RWY 23.
1701141909-1708261909EST.

FDC 6/8125 CNI STAR CHEROKEE COUNTY
AIRPORT, CANTON, GA. DIFFI THREE
ARRIVALTURBO PROPS EXPECT TO CROSS BUZZ
AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO
CROSS BUZZ AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/8108 CNI STAR CHEROKEE COUNTY AIRPORT, CANTON, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/7162 CNI STAR CHEROKEE COUNTY AIRPORT, CANTON, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

CARROLLTON

West Georgia Rgnl - O V Gray Field

FDC 6/7181 CTJ STAR WEST GEORGIA REGIONAL AIRPORT-O V GRAY FIELD, CARROLLTON, GA. AWSON THREE ARRIVALATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/2239 CTJ ODP WEST GEORGIA RGNL - O V GRAY FIELD, CARROLLTON, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 35, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 276 FT PER NM TO 1700. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031513-1706151513EST.

CARTERSVILLE

Cartersville

FDC 7/2203 VPC IAP CARTERSVILLE, CARTERSVILLE, GA. RNAV (GPS) RWY 1, AMDT 1A...DISREGARD NOTE: CIRCLING TO RWY 19 NA AT NIGHT. DISREGARD NOTE: WHEN VGS1 INOP, STRAIGHT-IN/CIRCLING RWY 1 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1702072316-1709192316EST.

FDC 7/2201 VPC IAP CARTERSVILLE, CARTERSVILLE, GA. LOC RWY 19, AMDT 3A...RNAV (GPS) RWY 19, AMDT 1A...CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: RWY 19 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. 1702072315-1709192315EST.

FDC 7/2199 VPC IAP CARTERSVILLE, CARTERSVILLE, GA. VOR/DME-A, AMDT 2B...DISREGARD NOTE: CIRCLING TO RWY 19 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1702072314-1709192314EST.

FDC 6/8126 VPC STAR CARTERSVILLE AIRPORT, CARTERSVILLE, GA. DIFFI THREE ARRIVALTURBO PROPS EXPECT TO CROSS BUUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUUZZ AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/8109 VPC STAR CARTERSVILLE AIRPORT, CARTERSVILLE, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/7171 VPC STAR CARTERSVILLE AIRPORT, CARTERSVILLE, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/7163 VPC STAR CARTERSVILLE AIRPORT, CARTERSVILLE, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

CLAXTON

Claxton-Evans County

FDC 6/0552 CWV IAP CLAXTON-EVANS COUNTY, CLAXTON, GA. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, AMDT 1...CIRCLING CATS B/C MDA 660/HAA 548. DISREGARD VISIBILITY REDUCTION BY HELICOPTERS NA NOTE. 1609291541-1705111541EST.

FDC 6/0529 CWV IAP CLAXTON-EVANS COUNTY, CLAXTON, GA. NDB RWY 9, ORIG...S-9 MDA 780/HAT 668 ALL CATS. VIS CAT C 1 7/8. CIRCLING CATS A, B, C MDA 780/HAA 668. VIS CAT C 1 7/8. STRAIGHT-IN MINIMUMS NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1609291539-1705111538EST.

COLUMBUS

Columbus

FDC 7/2103 CSG IAP COLUMBUS, COLUMBUS, GA. RNAV (GPS) RWY 6, ORIG-A...VOR-A, AMDT 23A...DISREGARD NOTE: CIRCLING TO RWY 13/24/31 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 13, 31 NA. 1702072148-1709192147EST.

FDC 6/9561 CSG IAP COLUMBUS, COLUMBUS, GA. ILS OR LOC RWY 6, AMDT 25C...MISSED APPROACH: CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2500 DIRECT FENIX LOM AND HOLD (ADF REQUIRED). CSG VOR OUT OF SERVICE. 1608081342-1703201342EST.

CORDELE

Crisp County-Cordele

FDC 7/7639 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. VOR/DME RWY 23, AMDT 11...ALTERNATE MINIMUMS NA, VNA VORTAC UNMONITORED. 1701251527-1703251527EST.

FDC 6/9811 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. RNAV (GPS) RWY 23, ORIG...RNAV MDA 720/HAT 413 ALL CATS. CIRCLING CAT A MDA 820/HAA 510. VDP 1.15 NM TO RWY 23. NOTE: NIGHT LANDING: RWY 28 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. TEMP CRANE 417 MSL 3451 FT N OF RWY 23. TEMP CRANE 463 MSL 1.13 NM E OF RWY 28 (2016-ASO-21526-OE). 1610311904-1706121904EST.

FDC 6/9806 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. RNAV (GPS) RWY 10, ORIG...RNAV (GPS) RWY 5, ORIG...VOR/DME RWY 23, AMDT 11...NOTE: NIGHT LANDING: RWY 28 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610311903-1706121902EST.

FDC 6/6946 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. RNAV (GPS) RWY 28, ORIG...NOTE: STRAIGHT-IN AND CIRCLING RWY 28 NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612061517-1707181517EST.

FDC 6/4733 CKF IAP CRISP COUNTY-CORDELE, CORDELE, GA. LOC RWY 10, ORIG-D...CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610211307-1706021307EST.

CORNELIA

Habersham County

FDC 7/0995 AJR IAP HABERSHAM COUNTY, CORNELIA, GA. VOR/DME RWY 6, AMDT 6A...CHART NOTE: CIRCLING RWY 24 NA AT NIGHT. CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: DME REQUIRED. THIS IS VOR RWY 6, AMDT 6B 1702032055-PERM.

FDC 7/0994 AJR IAP HABERSHAM COUNTY, CORNELIA, GA. RNAV (GPS) RWY 24, AMDT 1...LPV DA 1852. LNAV/VNAV DA 2154. LNAV HAT 612 ALL CATS. CHART TDZE 1448, DELETE THRE 1447. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 24, AMDT 1A. 1702032055-PERM.

FDC 7/0993 AJR IAP HABERSHAM COUNTY, CORNELIA, GA. RNAV (GPS) RWY 6, AMDT 1...LPV DA 1740. LNAV/VNAV DA 1798. LNAV HAT 394 ALL CATS. CHART TDZE 1446, DELETE THRE 1408. CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 24 NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 6, AMDT 1A. 1702032055-PERM.

DALTON

Dalton Muni

FDC 7/6434 DNN IAP DALTON MUNI, DALTON, GA. RNAV (GPS) RWY 14, ORIG-B...LNAV/VNAV DA 1173/HAT 464. 1701202129-1709012129EST.

FDC 7/6432 DNN IAP DALTON MUNI, DALTON, GA. ILS OR LOC RWY 14, ORIG-C...S-ILS 14 DA 1078/HAT 369. 1701202127-1709012127EST.

FDC 6/4539 DNN IAP DALTON MUNI, DALTON, GA. ILS OR LOC RWY 14, ORIG-C...AUTOPILOT COUPLED APPROACH NA BELOW 1200 MSL. 1612221706-1708031706EST.

EASTMAN

Heart Of Georgia Rgnl

FDC 7/7640 EZM IAP HEART OF GEORGIA RGNL, EASTMAN, GA. ILS OR LOC RWY 2, AMDT 2A...ALTERNATE MINIMUMS NA, VNA VORTAC UNMONITORED. 1701251527-1703251527EST.

FDC 7/0700 EZM IAP HEART OF GEORGIA RGNL, EASTMAN, GA. RNAV (GPS) RWY 20, AMDT 2...LPV DA 602. LNAV/VNAV DA 722. LNAV HAT 417 ALL CATS. DELETE THRE 298. CHART TDZE 303. THIS IS RNAV (GPS) RWY 20, AMDT 2A. 1702022101-PERM.

FITZGERALD

Fitzgerald Muni

FDC 6/5767 FZG IAP FITZGERALD MUNI, FITZGERALD, GA. RNAV (GPS) RWY 2, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 2 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY BELOW 3/4 SM NOT AUTHORIZED. 1610242048-1706052048EST.

FDC 6/0174 FZG IAP FITZGERALD MUNI, FITZGERALD, GA. LOC RWY 2, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 2 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609121333-1704241333EST.

FORT STEWART(HINESVILLE)

Wright AAF (Fort Stewart)/Midcoast Rgnl

FDC 7/8553 LHW IAP WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL, FORT STEWART(HINESVILLE), GA. NDB RWY 33R, ORIG-B...RNAV (GPS) RWY 33R, ORIG-B...CIRCLING RWY 6L / 24R NOT AUTHORIZED AT NIGHT. 1701271842-1709081842EST.

FDC 7/8552 LHW IAP WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL, FORT STEWART(HINESVILLE), GA. RNAV (GPS) RWY 6L, ORIG-C...LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. 1701271842-1709081842EST.

GAINESVILLE

Lee Gilmer Memorial

FDC 6/8121 GVL STAR LEE GILMER MEMORIAL AIRPORT, GAINESVILLE, GA. DIFFI THREE ARRIVALTURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/8104 GVL STAR LEE GILMER MEMORIAL AIRPORT, GAINESVILLE, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT. 1611151810-1711150900.

GREENSBORO

Greene County Rgnl

FDC 7/5412 3J7 IAP GREENE COUNTY RGNL, GREENSBORO, GA. RNAV (GPS) RWY 25, AMDT 2...NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHANGE VGSI AND RNAV GLIDEPATH NOT COINCIDENT PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.00}/TCH {30}). 1701181429-1708301429EST.

FDC 7/5408 3J7 IAP GREENE COUNTY RGNL, GREENSBORO, GA. LOC RWY 25, AMDT 3C...NOTE: CIRCLING RWY 7 NA AT NIGHT. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: RWY 25 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.50/TCH 26.1). 1701181425-1708301425EST.

FDC 7/5397 3J7 IAP GREENE COUNTY RGNL, GREENSBORO, GA. VOR-B, AMDT 3...NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701181417-1708301417EST.

FDC 7/5218 3J7 IAP GREENE COUNTY RGNL, GREENSBORO, GA. RNAV (GPS) RWY 7, AMDT 1C...NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701172154-1708292154EST.

GRIFFIN

Griffin-Spalding County

FDC 7/4265 6A2 IAP GRIFFIN-SPALDING COUNTY, GRIFFIN, GA. RNAV (GPS) RWY 14, ORIG-D...NOTE: RWY 14 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. 1701132021-1708252021EST.

FDC 6/7179 6A2 STAR GRIFFIN-SPALDING COUNTY AIRPORT, GRIFFIN, GA. AWSON THREE ARRIVALATC ASSIGNED ONLY. 1611150901-1711150900.

HAMPTON

Henry County Airport

FDC 6/7183 HMP STAR HENRY COUNTY AIRPORT, HAMPTON, GA. AWSON THREE ARRIVALATC ASSIGNED ONLY. 1611150901-1711150900.

HAZLEHURST

Hazlehurst

FDC 6/4508 AZE IAP HAZLEHURST, HAZLEHURST, GA. NDB RWY 14, AMDT 4...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
1609191703-1705011702EST.

JEKYLL ISLAND

Jekyll Island

FDC 6/9017 09J ODP JEKYLL ISLAND, JEKYLL ISLAND, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 18 . NA.
1610131404-1705251404EST.

FDC 6/2661 09J IAP JEKYLL ISLAND, JEKYLL ISLAND, GA. RNAV (GPS) RWY 18, ORIG-A...NOTE: NIGHT LANDING: RWY 36 NA AT NIGHT. DISREGARD NOTE: WHEN VGS I INOP, CIRCLING RWY 36 NA AT NIGHT. 1611031843-1706151843EST.

FDC 6/2659 09J IAP JEKYLL ISLAND, JEKYLL ISLAND, GA. RNAV (GPS) RWY 36, AMDT 1A...VOR-A, AMDT 10A...PROCEDURE NA.
1611031840-1706151838EST.

LAGRANGE

Lagrange-Callaway

FDC 6/9563 LGC IAP LAGRANGE-CALLAWAY, LAGRANGE, GA. ILS OR LOC RWY 31, AMDT 2A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CSG VOR OUT OF SERVICE.
1608081342-1703201342EST.

FDC 6/2738 LGC IAP LAGRANGE-CALLAWAY, LAGRANGE, GA. ILS OR LOC RWY 31, AMDT 2A...VGS I AND ILS GLIDEPATH NOT COINCIDENT.
1610041429-1705161429EST.

LAWRENCEVILLE

Gwinnett County - Briscoe Field

FDC 6/8131 LZU STAR GWINNETT COUNTY AIRPORT-BRISCOE FIELD, ATLANTA, GA. DIFFI THREE ARRIVAL TURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/8117 LZU STAR GWINNETT COUNTY AIRPORT-BRISCOE FIELD, ATLANTA, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT.
1611151810-1711150900.

FDC 6/7190 LZU STAR GWINNETT COUNTY AIRPORT-BRISCOE FIELD, ATLANTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7174 LZU STAR GWINNETT COUNTY AIRPORT-BRISCOE FIELD, ATLANTA, GA. AWSON THREE ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7166 LZU STAR GWINNETT COUNTY AIRPORT-BRISCOE FIELD, ATLANTA, GA. JRAMS FOUR ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/4301 LZU IAP GWINNETT COUNTY - BRISCOE FIELD, LAWRENCEVILLE, GA. ILS OR LOC RWY 25, AMDT 2B...DISREGARD NOTE: CIRCLING TO RWY 7 NA AT NIGHT. 1608301422-1704111422EST.

MACON

Middle Georgia Rgnl

FDC 6/0590 MCN IAP MIDDLE GEORGIA RGNL, MACON, GA. RNAV (GPS) RWY 32, AMDT 1D...LP MDA 800/HAT 449 ALL CATS. LNAV MDA 800/HAT 449 ALL CATS. TEMP CRANE 484 MSL 2524 FT SE OF RWY 32 (2016-ASO-23957-OE).
1611190200-1706301604EST.

FDC 6/0589 MCN ODP MIDDLE GEORGIA RGNL, MACON, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...NOTE: RWY 14, TEMP CRANE 2436 FT FROM DER, 660 FT RIGHT OF CENTERLINE, 125 FT AGL/484 FT MSL (2016-ASO-23957-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1611190200-1706301604EST.

MARIETTA

Dobbins Air Reserve Base

FDC 6/8155 MGE STAR DOBBINS AIR RESERVE BASE, MARIETTA, GA. DIFFI THREE ARRIVAL TURBO PROPS EXPECT TO CROSS BUZZ AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BUZZ AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/8119 MGE STAR DOBBINS AIR RESERVE BASE, MARIETTA, GA. BOKRT ONE ARRIVAL TURBOPROPS EXPECT TO CROSS BOKRT AT 9000FT OR 7000FT; RECIPROCATING EXPECT TO CROSS BOKRT AT 7000FT OR 5000FT. 1611151810-1711150900.

FDC 6/7191 MGE STAR DOBBINS AIR RESERVE BASE, MARIETTA, GA. BUNNI FOUR ARRIVAL...ATC ASSIGNED ONLY. 1611150901-1711150900.

FDC 6/7177 MGE STAR DOBBINS AIR RESERVE
BASE, MARIETTA, GA. AWSON THREE
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7167 MGE STAR DOBBINS AIR RESERVE
BASE, MARIETTA, GA. JRAMS FOUR ARRIVAL...ATC
ASSIGNED ONLY. 1611150901-1711150900.

MC RAE

Telfair-Wheeler

FDC 6/6555 MQW IAP TELFAIR-WHEELER, MC RAE,
GA. NDB RWY 21, AMDT 10...NOTE: NIGHT
LANDING: RWY 21 NA. CHANGE HELICOPTER
VISIBILITY REDUCTION NOTE TO READ:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. 1610111215-1705231215EST.

FDC 6/6547 MQW IAP TELFAIR-WHEELER, MC RAE,
GA. RNAV (GPS) RWY 3, ORIG...NOTE: PROCEDURE
NA AT NIGHT. CHANGE HELICOPTER VISIBILITY
NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
1610111156-1705231156EST.

METTER

Metter Muni

FDC 6/6641 MHP IAP METTER MUNI, METTER, GA.
RNAV (GPS) RWY 28, AMDT 1...MSA RW28 25 NM
2600. 1610111344-1705231344EST.

FDC 6/6470 MHP ODP METTER MUNI, METTER, GA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES ORIG...NOTE: RWY 10, LIGHT POLES
BEGINNING 741 FT FROM DER, 48 FT LEFT OF
CENTERLINE, UP TO 33 FT AGL/244 FT MSL. LIGHT
POLES BEGINNING 844 FT FROM DER, 78 FT RIGHT
OF CENTERLINE, UP TO 53 FT AGL/245 FT MSL. ALL
OTHER DATA REMAINS AS PUBLISHED.
1609011958-1704131958EST.

MILLEDGEVILLE

Baldwin County

FDC 7/6631 MLJ IAP BALDWIN COUNTY,
MILLEDGEVILLE, GA. RNAV (GPS) RWY 10, AMDT
1...LNAV MDA 1000/HAT 615 ALL CATS. CIRCLING
MDA 1000/HAA 615 ALL CATS CHANGE VISIBILITY
REDUCTION BY HELICOPTERS NA NOTE TO READ:
RWY 10 HELICOPTER VISIBILITY REDUCTION
BELOW 3/4 SM NOT AUTHORIZED.
1701222116-1709032116EST.

FDC 7/6629 MLJ IAP BALDWIN COUNTY,
MILLEDGEVILLE, GA. RNAV (GPS) RWY 28, AMDT
1...LPV DA 673/HAT 294 ALL CATS. CHANGE
VISIBILITY REDUCTION BY HELICOPTERS NA NOTE
TO READ: RWY 28 HELICOPTER VISIBILITY
REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHANGE WHEN LOCAL ALTIMETER SETTING NOT
RECEIVED NOTE TO READ: WHEN LOCAL
ALTIMETER SETTING NOT RECEIVED, USE MIDDLE
GEORGIA RGNL ALTIMETER SETTING: INCREASE
LPV DA TO 757 AND LNAV/VNAV DA TO 1081 AND
ALL MDA 100 FEET; INCREASE LPV ALL CATS
VISIBILITY 3/8 SM AND LNAV/VNAV ALL CATS
VISIBILITY 1/4 SM. 1701222115-1709032115EST.

MONROE

Monroe-Walton County

FDC 7/0969 D73 IAP MONROE-WALTON COUNTY,
MONROE, GA. RNAV (GPS) RWY 3, AMDT
2A...CHART TDZE 875, DELETE THRE 875. CHART
NOTE: RWY 3, 21 HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
DELETE NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT
ANGLES NOT COINCIDENT (VGSI {4.00}/TCH {51}).
DELETE PROFILE NOTE VGSI AND DESCENT
ANGLES NOT COINCIDENT. THIS IS RNAV (GPS)
RWY 3, AMDT 2B. 1702031937-PERM.

FDC 6/7200 D73 STAR MONROE-WALTON COUNTY
AIRPORT, MONROE, GA. BUNNI FOUR
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7182 D73 STAR MONROE-WALTON COUNTY
AIRPORT, MONROE, GA. AWSON THREE
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/7170 D73 STAR MONROE-WALTON COUNTY
AIRPORT, MONROE, GA. JRAMS FOUR
ARRIVAL...ATC ASSIGNED ONLY.
1611150901-1711150900.

FDC 6/3739 D73 ODP MONROE-WALTON COUNTY,
MONROE, GA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...NOTE: RWY 3, TRANSMISSION LINE BEGINNING
1900 FT FROM DER, 92 FT RIGHT OF CENTERLINE,
UP TO 83 FT AGL/917 FT MSL. TRANSMISSION LINE
BEGINNING 2435 FT FROM DER, 91 FT LEFT OF
CENTERLINE, UP TO 83 FT AGL/917 FT MSL. ALL
OTHER DATA REMAINS AS PUBLISHED.
1610201302-1706011302EST.

PINE MOUNTAIN

Harris County

FDC 6/9562 PIM IAP HARRIS COUNTY, PINE MOUNTAIN, GA. VOR-A, AMDT 5A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CSG VOR OUT OF SERVICE. 1608081342-1703201342EST.

ROME

Richard B Russell Regional - J H Towers Field

FDC 6/7860 RMG ODP RICHARD B RUSSELL REGIONAL - J H TOWERS FIELD, ROME, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 7, STANDARD WITH A MINIMUM CLIMB OF 225 FEET PER NM TO 1400. ALL OTHER DATA REMAINS AS PUBLISHED. 1610121507-1705241507EST.

SAVANNAH

Savannah/Hilton Head Intl

FDC 7/9350 SAV IAP U.S. DOD SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. HI - ILS OR LOC RWY 10, AMDT 7A...PROCEDURE NA. 1701311726-1709121726EST.

FDC 7/4534 SAV ODP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKE-OFF MINIMUMS: RWY 10, 400 - 2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 600. NOTE: RWY 10: CRANES 2.32 NM FROM DER, FROM 1661 FT LEFT OF CENTERLINE TO 2832 FT LEFT OF CENTERLINE, UP TO 394 FT AGL/405 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701142012-1708262012EST.

FDC 7/3974 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. RNAV (GPS) Z RWY 28, AMDT 2A...LNAV MDA 720/HAT 670 ALL CATS, VIS CAT C/D 1 7/8. CIRCLING MDA 720/HAA 670 ALL CATS, VIS CAT C 1 7/8. VDP AT 1.94 NM TO RWY 28*. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HILTON HEAD ISLAND, SC ALTIMETER SETTING: INCREASE LPV ALL CATS DA TO 372 FEET, LNAV/VNAV ALL CATS DA TO 496 FEET, LNAV/VNAV ALL CATS VISIBILITY 1/4 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY CATS B/C/D 1/2 SM. 1701122250-1708242250EST.

FDC 6/8643 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. RNAV (GPS) RWY 1, AMDT 2...LNAV MDA 520/HAT 491 ALL CATS. VIS CATS A/B RVR 5500, CATS C/D 1 3/8. VDP 1.31 NM TO RWY 01. 1612072237-1707192237EST.

FDC 6/8636 SAV IAP SAVANNAH/HILTON HEAD INTL, SAVANNAH, GA. VOR/DME OR TACAN RWY 1, ORIG-C...S-1 MDA 520/HAT 491 ALL CATS. VIS CATS A/B RVR 5500, CAT C 1 3/8. VDP: 3.09 DME FROM SAV VORTAC OR 1.31 NM TO RWY 01. 1612072232-1707192232EST.

THOMASTON

Thomaston-Upson County

FDC 7/5896 OPN IAP THOMASTON-UPSON COUNTY, THOMASTON, GA. ILS OR LOC RWY 30, AMDT 2A...CIRCLING CATS A/B/C MDA 1300 /HAA 502. 1701191454-1708311449EST.

THOMASVILLE

Thomasville Rgnl

FDC 6/8583 TVI IAP THOMASVILLE RGNL, THOMASVILLE, GA. ILS OR LOC RWY 22, ORIG-B...NDB RWY 22, AMDT 6A...RNAV (GPS) RWY 22, ORIG-A...NIGHT LANDING: RWY 4, 14, 32 NA. 1612072204-1707192204EST.

THOMSON

Thomson-Mcduffie County

FDC 6/7550 HQU IAP THOMSON-MCDUFFIE COUNTY, THOMSON, GA. RNAV (GPS) RWY 28, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. 1608031531-1703151531EST.

TIFTON

Henry Tift Myers

FDC 7/4019 TMA IAP HENRY TIFT MYERS, TIFTON, GA. ILS OR LOC RWY 33, AMDT 2...RNAV (GPS) RWY 33, AMDT 1...CHANGE ALL REFERENCE FROM RWY 15/33 TO RWY 16/34. 1701122334-1708242334EST.

FDC 7/4017 TMA ODP HENRY TIFT MYERS, TIFTON, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...CHANGE ALL REFERENCE FROM RWY 15/33 TO RWY 16/34. TAKEOFF MINIMUMS: RWY 3, 21, NA RWY CLOSED. NOTE: RWY 16, NUMEROUS TREES AND POLE BEGINNING 50 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/403 FT MSL. TREE 1072 FT FROM DER, 765 FT LEFT OF CENTERLINE, 55 FT AGL/374 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122332-1708242332EST.

VALDOSTA

Valdosta Rgnl

FDC 7/6415 VLD IAP VALDOSTA RGNL, VALDOSTA, GA. RNAV (GPS) RWY 4, AMDT 1A...LNAV HAT 358 ALL CATS. CHART TDZE 202. DELETE THRE 199. CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: CIRCLING RWY 13, 31 NA AT NIGHT. DELETE NOTE: RWY 4 STRAIGHT-IN AND CIRCLING AND CIRCLING RWY 13/31 NA AT NIGHT. CHART NOTE: STRAIGHT-IN RWY 4 NA AT NIGHT. THIS IS RNAV (GPS) RWY 4, AMDT 1B. 1701202111-PERM.

VILLA RICA

Earl L Small Jr Field/Stockmar

FDC 6/2366 20GA IAP EARL L SMALL JR FIELD/STOCKMAR, VILLA RICA, GA. RNAV (GPS) RWY 10, ORIG...DESCENT ANGLE 3.08/TCH 40 NA. 1611031625-1706151625EST.

WASHINGTON

Washington-Wilkes County

FDC 6/7574 IY IAP WASHINGTON-WILKES COUNTY, WASHINGTON, GA. VOR/DME RWY 13, AMDT 3A...S-13 CATS A/B/C MDA 1200/HAT 555, VIS CAT C 1 5/8 . CIRCLING CATS A/B/C MDA 1200/HAA 555, VIS CAT C 1 5/8. 1612062220-1707182220EST.

HAWAII

HILO

Hilo Intl

FDC 6/5877 ITO IAP HILO INTL, HILO, HI. ILS OR LOC RWY 26, AMDT 13A...RNAV (GPS) RWY 21, ORIG-B...RNAV (GPS) RWY 26, ORIG-D...VOR-B, ORIG-C...VOR/DME OR TACAN RWY 26, AMDT 5D...VOR/DME OR TACAN-A, AMDT 7C...CIRCLING CATS A/B/C MDA 560/ HAA 522. TEMPORARY CRANE 195 MSL 3877 FEET NORTHWEST OF PHTO AIRPORT (2015-AWP-9039-OE). 1611101249-1706221249EST.

HONOLULU

Honolulu Intl

FDC 7/1008 HNL SID HONOLULU INTL, HONOLULU, HI. KEOLA TWO DEPARTURE...MOLOKAI FOUR DEPARTURE...OPIHI TWO DEPARTURE...PALAY TWO DEPARTURE...TAKEOFF MINIMUMS: RWYS 8L/8R, 400-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 300FT PER NM TO 500. ADD TAKEOFF OBSTACLE NOTE: RWY 8R, CRANES BEGINNING 1.36 NM FROM DER, 954FT LEFT OF CENTERLINE, UP TO 309FT AGL/ 317FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702032119-1709152119EST.

FDC 7/1007 HNL ODP HONOLULU INTL, HONOLULU, HI. HONOLULU ONE DEPARTURE...TAKEOFF MINIMUMS: RWY 8R, 400-2 1/2 WITH A MINIMUM CLIMB OF 270FT PER NM TO 1000, OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ADD TAKEOFF OBSTACLE NOTE: RWY 8R, CRANES BEGINNING 1.36NM FROM DER, 954FT LEFT OF CENTERLINE, UP TO 309FT AGL/ 317FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702032119-1709152119EST.

FDC 6/8581 HNL IAP HONOLULU INTL, HONOLULU, HI. VOR/DME OR TACAN OR GPS-B, AMDT 2A...ALTERNATE MINIMUMS: CAT D 800 - 2 1/2. 1612072203-1707192203EST.

FDC 6/8579 HNL IAP HONOLULU INTL, HONOLULU, HI. LDA/DME RWY 26L, AMDT 5A...VOR OR TACAN OR GPS-A, AMDT 1A...NOTE: CIRCLING CAT E NA NORTH OF RWY 26L. ALTERNATE MINIMUMS: CAT D 800 - 2 1/2. 1612072201-1707192201EST.

FDC 6/8576 HNL IAP HONOLULU INTL, HONOLULU, HI. LOC/DME RWY 4R, AMDT 1A...RNAV (GPS) Y RWY 4R, AMDT 2A...NOTE: CIRCLING CAT E NA. 1612072159-1707192159EST.

FDC 6/8554 HNL IAP HONOLULU INTL, HONOLULU, HI. RNAV (GPS) RWY 4L, ORIG...RNAV (GPS) RWY 8R, ORIG...NOTE: CIRCLING CAT E NA NORTH OF RWY 26L. 1612072148-1707192148EST.

FDC 4/3255 HNL STAR HONOLULU INTL, HONOLULU, HI. REEF FOUR ARRIVAL (RNAV): NA 1407212200-PERM.

FDC 4/3252 HNL STAR HONOLULU INTL, HONOLULU, HI. FRTZI TWO ARRIVAL (RNAV): NA 1407212200-PERM.

FDC 4/3251 HNL STAR HONOLULU INTL, HONOLULU, HI. HAABR ONE ARRIVAL (RNAV): NA 1407212200-PERM.

KALAUPAPA

Kalaupapa

FDC 6/0398 LUP IAP KALAUPAPA, KALAUPAPA, HI. RNAV (GPS)-A, ORIG...MISSED APPROACH: CLIMBING RIGHT TURN TO 5000 DIRECT WEPGU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. 1610141538-1705261538EST.

LIHUE

Lihue

FDC 7/4532 LIH IAP LIHUE, LIHUE, HI. ILS OR LOC RWY 35, AMDT 6A...I-LIH LOCALIZER UNUSABLE BEYOND 20 LEFT OF CENTERLINE. I-LIH DME UNUSABLE BEYOND 20 LEFT OF CENTERLINE. 1701142007-1708262007EST.

FDC 6/1407 LIH ODP LIHUE, LIHUE, HI. DIANE ONE DEPARTURE...DEPARTURE PROCEDURE NA. 1611201941-1707021941EST.

FDC 6/1405 LIH ODP LIHUE, LIHUE, HI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...DEPARTURE PROCEDURE RWY 21, NA. 1611201939-1707021939EST.

FDC 6/1395 LIH SID LIHUE, LIHUE, HI. LIHUE FIVE DEPARTURE...NOTE: RADAR REQUIRED. 1611201932-1707021932EST.

FDC 6/1379 LIH SID LIHUE, LIHUE, HI. RICHE TWO DEPARTURE...DEPARTURE PROCEDURE RWY 21 NA. NOTE: RADAR REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED.. 1611201931-1707021931EST.

IDAHO

BOISE

Boise Air Terminal/Gowen Fld

FDC 7/2591 BOI IAP BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. ILS OR LOC/DME RWY 28R, ORIG...S-ILS 28R VIS 3/4 ALL CATS, S-LOC 28R VIS CAT A/B 1 1/4, C/D 2 1/2. 1701101444-1708221444EST.

FDC 7/2588 BOI IAP BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. RNAV (GPS) Y RWY 28R, AMDT 6...LPV VIS 3/4 ALL CATS, LNAV/VNAV VIS 1 ALL CATS, LNAV VIS CATS A/B 1 1/4, C/D 2 1/2. 1701101441-1708221441EST.

BONNERS FERRY

Boundary County

FDC 7/2225 65S ODP BOUNDARY COUNTY, BONNERS FERRY, ID. KARPS ONE DEPARTURE (RNAV)...NOTE: RWY 20: TERRAIN 138 FT FROM DER, 356 FT RIGHT OF CENTERLINE, 2324 FT MSL. BUILDING 582 FT FROM DER, 522 FT RIGHT OF CENTERLINE, 52 FT AGL/2362 FT MSL. TREE 741 FT FROM DER, 267 FT LEFT OF CENTERLINE, UP TO 111 FT AGL/2417 FT MSL. CRANE 854 FT FROM DER, 585 FT RIGHT OF CENTERLINE, 61 FT AGL/2368 FT MSL. CRANE 860 FT FROM DER, 712 FT RIGHT OF CENTERLINE, 72 FT AGL/2377 FT MSL. TREE 930 FT FROM DER, 459 FT RIGHT OF CENTERLINE, 92 FT AGL/2397 FT MSL. TREE 2023 FT FROM DER, 1 FT RIGHT OF CENTERLINE, 107 FT AGL/2399 FT MSL. TREE 2174 FT FROM DER, 181 FT RIGHT OF CENTERLINE, 113 FT AGL/2403 FT MSL. TREES AND POLE BEGINNING 2227 FT FROM DER, 267 FT LEFT OF CENTERLINE, 2404 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072334-1709192334EST.

FDC 7/0434 65S IAP BOUNDARY COUNTY, BONNERS FERRY, ID. RNAV (GPS) RWY 2, ORIG-E...CHANGE MISSED APPROACH CLIMB GRADIENT NOTE TO READ: * MISSED APPROACH REQUIRES MINIMUM CLIMB OF 415 FEET PER NM TO 6700. # MISSED APPROACH REQUIRES MINIMUM CLIMB OF 315 FEET PER NM TO 6500...1701032152-1708152151EST.

BURLEY

Burley Muni

FDC 6/6294 BYI IAP BURLEY MUNI, BURLEY, ID. VOR-A, AMDT 4D...NOTE: PROCEDURE TURN NA. 1612051548-1707171548EST.

COEUR D'ALENE

Coeur D'Alene - Pappy Boyington Field

FDC 6/5980 COE IAP COEUR D ALENE - PAPPY BOYINGTON FIELD, COEUR D ALENE, ID. ILS OR LOC/DME RWY 6, AMDT 5D...CHANGE AUTOPILOT COUPLED APPROACH NOTE TO READ: AUTOPILOT COUPLED APPROACH NA BELOW 2840. 1610080248-1705200248EST.

HAILEY

Friedman Memorial

FDC 5/7809 SUN SPECIAL FRIEDMAN MEMORIAL, HAILEY, ID. RNAV Z RWY 31, AMDT 1...PROCEDURE NA. 1508241746-1602201746EST.

LEWISTON

Lewiston-Nez Perce County

FDC 6/5177 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (RNP) Z RWY 26, ORIG-A...RNP 0.20 DA 1806/HAT 364, VIS 3/4 ALL CATS. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY ALL CATS TO 1 7/8 SM. 1612272218-1708082217EST.

FDC 6/5173 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (GPS) Y RWY 26, ORIG-A...LNAV CAT A/B MDA 1940/HAT 498, VIS CAT C 1. CIRCLING CAT A/B MDA 1940/HAA 498. DISREGARD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. 1612272215-1708082215EST.

FDC 6/5171 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (GPS) Y RWY 8, AMDT 2A...CIRCLING CAT A MDA 1920/HAA 478. DISREGARD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. 1612272213-1708082213EST.

FDC 6/2129 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (RNP) RWY 30, ORIG-B...RNP 0.30 DA 1778/336 HAT, VIS 1 1/8 ALL CATS.. 1611221904-1707041904EST.

FDC 5/5094 LWS IAP LEWISTON-NEZ PERCE COUNTY, LEWISTON, ID. RNAV (RNP) RWY 30, ORIG-B...RNP 0.30 DA 1778/336 HAT, VIS 1 1/8 ALL CATS.. 1508191448-1602151448EST.

NAMPA

Nampa Muni

FDC 6/5488 MAN ODP NAMPA MUNI, NAMPA, ID. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF OBSTACLE NOTES: NOTE: RWY 11, TREE, FENCE, BLDG, POLE, VEHICLE ON ROAD, BEGINNING 77 FT FROM DEP END OF RWY, 81 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/2611 FT MSL. POLE 477 FT FROM DEP END OF RWY, 298 FT RIGHT OF CENTERLINE, 27 FT AGL/2548 FT MSL. POLE 1042 FT FROM DEP END OF RWY, 341 FT RIGHT OF CENTERLINE, 35 FT AGL/2557 FT MSL. NOTE: RWY 29, POLE 38 FT FROM DEP END OF RWY, 298 FT LEFT OF CENTERLINE, 32 FT AGL/2561 FT MSL. BLDG, VEHICLE ON ROAD BEGINNING 83 FT FROM DEP END OF RWY, 289 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/2561 FT MSL. POLE BEGINNING 212 FT FROM DEP END OF RWY, 270 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/2565 FT MSL. TREE, POLE BEGINNING 560 FT FROM DEP END OF RWY, 456 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/2592 FT MSL. BLDG, POLE BEGINNING 1050 FT FROM DEP END OF RWY, 154 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/2575 FT MSL. TREE 1209 FT FROM DEP END OF RWY, 372 FT LEFT OF CENTERLINE, 72 FT AGL/2600 FT MSL. TREE 1721 FT FROM DEP END OF RWY, 454 FT RIGHT OF CENTERLINE, 68 FT AGL/2599 FT MSL. ELEVATOR, HOPPER BEGINNING 1875 FT FROM DEP END OF RWY, 328 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/2602 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610241447-1706051447EST.

FDC 6/5487 MAN IAP NAMPA MUNI, NAMPA, ID. RNAV (GPS) RWY 11, AMDT 2A...LNAV MDA 2880/HAT 343 ALL CATS. CHANGE VGSI NOTE TO READ: WHEN CIRCLING TO RWY 29 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. CHANGE HELICOPTER NOTE TO READ: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610241447-1706051447EST.

REXBURG

Rexburg-Madison County

FDC 6/8658 RXE IAP REXBURG-MADISON COUNTY, REXBURG, ID. VOR RWY 35, AMDT 4A...APT ELEV: 4862. TDZE: 4862. S-35 MDA 5680/HAT 818 ALL CATS, CAT C VIS 2 1/2. CIRCLING CAT A-C HAA 782, CAT C VIS 2 1/2, CAT D MDA 5680/HAA 818. 1610131204-1705251204EST.

FDC 6/8656 RXE IAP REXBURG-MADISON COUNTY, REXBURG, ID. RNAV (GPS) RWY 35, AMDT 1B...APT ELEV: 4862. TDZE: 4862. LNAV HAT 398, CAT C/D VIS 1 1/8 CIRCLING CAT A HAA 518, CAT B-C HAA 718, CAT D MDA 5680/HAA 818. 1610131202-1705251202EST.

ILLINOIS

ALTON/ST LOUIS

St Louis Rgnl

FDC 6/8339 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. RNAV (GPS) RWY 35, AMDT 1A...DESCENT ANGLE 3.00 / TCH 43 NA. 1610121939-1705241939EST.

FDC 6/4242 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. ILS OR LOC RWY 29, AMDT 12A...RNAV (GPS) RWY 11, AMDT 2A...RNAV (GPS) RWY 29, AMDT 1A...CIRCLING CAT A MDA 1000/HAA 455. 1610201637-1706011637EST.

FDC 6/2362 ALN STAR ST. LOUIS REGIONAL, ALTON/ST. LOUIS, ILLINOIS, FARMR TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112230-PERM.

FDC 6/2347 ALN STAR ST. LOUIS REGIONAL ALTON/ST. LOUIS, MISSOURI, DELMA TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/0989 ALN IAP ST LOUIS RGNL, ALTON/ST LOUIS, IL. RNAV (GPS) RWY 17, AMDT 1A...LNAV MDA 940/HAT 397 ALL CATS. CIRCLING CAT A MDA 1000/HAA 455. 1611012215-1706132215EST.

BELLEVILLE

Scott AFB/Midamerica

FDC 6/2357 BLV STAR SCOTT AFB/MIDAMERICA, BELLEVILLE, ILLINOIS, DIXEE TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/2354 BLV STAR SCOTT AFB/MIDAMERICA, BELLEVILLE, ILLINOIS, FARMR TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/2349 BLV STAR SCOTT AFB/MIDAMERICA, BELLEVILLE, ILLINOIS, DELMA TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/0029 BLV SID SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. GATEWAY SIX DEPARTURE...TAKEOFF MINIMUMS: RWY 32L: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FEET PER NM TO 800. DISREGARD NOTE: FOR TURBOJET AIRCRAFT ONLY. ALL OTHER DATA REMAINS AS PUBLISHED. 1610141315-1705261315EST.

FDC 6/0026 BLV SID SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. BLUES FOUR DEPARTURE...PLESS THREE DEPARTURE...DISREGARD NOTE: FOR TURBOJET AIRCRAFT ONLY. ALL OTHER DATA REMAINS AS PUBLISHED. 1610141314-1705261314EST.

BLOOMINGTON/NORMAL

Central II Rgnl Arpt At Bloomington-Normal

FDC 7/4501 BMI ODP CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL, BLOOMINGTON/NORMAL, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...NOTE: RWY 29, ANTENNA TOWER, 4486 FT FROM DEPARTURE END OF RWY, 597 FT LEFT OF CENTERLINE, 133 FT AGL/988 FT MSL, 2016-AGL-5596-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701141926-1708261926EST.

FDC 7/0834 BMI ODP CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL, BLOOMINGTON/NORMAL, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...NOTE: RWY 02, CRANE 4900 FT FROM DEPARTURE END OF RWY, 1324 FT LEFT OF CENTERLINE, 150 AGL/1003 MSL, (2016-AGL-16735-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1702031247-1707011247EST.

FDC 5/0518 BMI IAP CENTRAL IL RGNL ARPT AT BLOOMINGTON-NORMAL, BLOOMINGTON/NORMAL, IL. ILS OR LOC RWY 29, AMDT 11...WURSU FIX MINIMUMS INCREASE S-LOC 29 CATS C/D VISIBILITY TO RVR 3500. 1512221409-1608021409EST.

BOLINGBROOK

Bolingbrook's Clow Intl

FDC 7/6583 1C5 IAP BOLINGBROOK S CLOW INTL, BOLINGBROOK, IL. RNAV (GPS)-B, ORIG...VOR-A, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222044-1709032044EST.

CAHOKIA/ST LOUIS

St Louis Downtown

FDC 6/2361 CPS STAR ST. LOUIS DOWNTOWN, CAHOKIA/ST. LOUIS, ILLINOIS, FARMR TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112230-PERM.

FDC 6/2360 CPS STAR ST. LOUIS DOWNTOWN, CAHOKIA/ST. LOUIS, ILLINOIS, DIXEE TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112230-PERM.

FDC 6/2348 CPS STAR ST. LOUIS DOWNTOWN, CAHOKIA/ST. LOUIS, ILLINOIS, DELMA TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/0035 CPS SID ST LOUIS DOWNTOWN, CAHOKIA/ST LOUIS, IL. GATEWAY SIX DEPARTURE...TAKEOFF MINIMUMS: RWY 12L, 23, 12R, 30R: STANDARD. DISREGARD NOTE: FOR TURBOJET AIRCRAFT ONLY. ALL OTHER DATA REMAINS AS PUBLISHED. 1610141318-1705261318EST.

FDC 6/0033 CPS SID ST LOUIS DOWNTOWN, CAHOKIA/ST LOUIS, IL. BLUES FOUR DEPARTURE...PLESS THREE DEPARTURE...DISREGARD NOTE: FOR TURBOJET AIRCRAFT ONLY. ALL OTHER DATA REMAINS AS PUBLISHED. 1610141316-1705261316EST.

CARBONDALE/MURPHYSBORO

Southern Illinois

FDC 6/4612 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. ILS OR LOC RWY 18L, AMDT 13...S-LOC 18L MDA 800/HAT 393 ALL CATS. VIS CAT C 3/4, CAT D 1. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 18L CAT D VISIBILITY TO 1 MILE. NOTE: NIGHT LANDING: RWY 6, 36L NA. 1609191736-1705011736EST.

FDC 6/4602 MDH IAP SOUTHERN ILLINOIS, CARBONDALE/MURPHYSBORO, IL. NDB RWY 18L, AMDT 13...S-18L MDA 860/HAT 453 ALL CATS. VIS CAT D 1 1/4. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAMSON CO RGNL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. NOTE: NIGHT LANDING: RWY 6, 36L NA. 1609191734-1705011734EST.

CENTRALIA

Centralia Muni

FDC 6/3287 ENL IAP CENTRALIA MUNI, CENTRALIA, IL. RNAV (GPS) RWY 18, AMDT 1A...RNAV (GPS) RWY 36, AMDT 1A...CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 18/36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1611282007-1707102007EST.

CHAMPAIGN/URBANA

University Of Illinois-Willard

FDC 6/2579 CMI IAP UNIVERSITY OF ILLINOIS-WILLARD, CHAMPAIGN/URBANA, IL. VOR RWY 4, AMDT 12...S-4 BARRW FIX MINIMUMS NA. 1609151411-1704271411EST.

FDC 6/0970 CMI IAP UNIVERSITY OF ILLINOIS-WILLARD, CHAMPAIGN/URBANA, IL. VOR RWY 4, AMDT 12...VOR/DME RWY 14L, ORIG-A...VOR/DME RWY 22, AMDT 8...CIRCLING CATS A/B/C MDA 1240/HAA 486. 1611191859-1707011859EST.

CHICAGO

Chicago Midway Intl

FDC 7/8013 MDW SPECIAL CHICAGO MIDWAY INTL, CHICAGO, IL. ILS Z RWY 31C, AMDT 2...ILS VISIBILITY 1/2. 1701261409-1709071409EST.

FDC 7/6426 MDW IAP CHICAGO MIDWAY INTL, CHICAGO, IL. RNAV (RNP) Y RWY 31C, ORIG-A...RNP 0.30 DA 1043/HAT 430 ALL CATS. VIS 1 1/2 ALL CATS. TOWER, 703 MSL, 4096 FT SE OF APPROACH END RWY 31C, 17-029757. 1701202122-1709012122EST.

Chicago O'Hare Intl

FDC 6/6999 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. LOC RWY 4L, AMDT 22A...DISREGARD OM INDICATIONS AT LAPPS INT/ORD 5.8 DME. 1610111743-1705231743EST.

FDC 6/5268 ORD IL..SPECIAL NOTICE..CHICAGO OHARE INTERNATIONAL, ILLINOIS, RWY STATUS LGTS ARE IN AN OPRL TEST ON RWY 10L/28R AND MUST BE COMPLIED WITH. RWY STATUS LGTS LGT ARRAYS MAY BE OFFLINE INTERMITTENTLY THROUGHOUT THE TEST PHASE. RWY STATUS LGTS ARE RED IN-PAVEMENT LGTS THAT SERVE AS WARNING LGTS ON RWYS AND TWYS INDICATING THAT IT IS UNSAFE TO ENTER, CROSS, OR BEGIN TKOF ON A RWY. NOTE: RWY STATUS LGTS INDICATE RWY STATUS ONLY. THEY DO NOT INDICATE CLEARANCE. PILOTS AND VEHICLE OPRS MUST STILL REC A CLEARANCE FROM ATC BEFORE PROCEEDING. FOR ADDITIONAL INFORMATION VISIT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOGY/RWSL](http://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOGY/RWSL) 1610240910-1704271400.

FDC 6/2606 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 22L, AMDT 1A...LNAV/VNAV DA 1077/HAT 423 ALL CATS. BUILDING, 782 MSL, 1.14 NM NE OF APPROACH END RWY 22L. 1610041332-1705161332EST.

FDC 6/1649 ORD ODP CHICAGO O HARE INTL, CHICAGO, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 20A...NOTE: RWY 04L, SIGN, 3278 FT FROM DEPARTURE END OF RWY, 1231 FT RIGHT OF CENTERLINE, 92 AGL/734 MSL, (2016-AGL-3015-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612141309-1707261309EST.

FDC 6/0732 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 27R, AMDT 3...LNAV/VNAV DA 994/HAT 330 ALL CATS. VIS RVR 3000 ALL CATS. MULTIPLE CRANES, 2497 FT SE OF APPROACH END RWY 27R, UP TO 833 MSL, 2015-AGL-2417 THRU 2420-NRA, 2015-AGL-2433 & 2434-NRA, 2015-AGL-2481 THRU 2484, 2487-NRA, 2015-AGL-2491 & 2492-NRA. 1607051248-1702141248EST.

FDC 6/0730 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 22R, AMDT 2A...LPV DA 949/HAT 297 ALL CATS. LNAV/VNAV DA 994/HAT 342 ALL CATS. LNAV MDA 1100/HAT 448 ALL CATS. VIS CATS C/D RVR 4500. VDP 1.19 NM TO RWY 22R. MULTIPLE CRANES, 1088 FT EAST OF APPROACH END RWY 22R, UP TO 833 MSL, 2015-AGL-2417 THRU 2420-NRA, 2015-AGL-2433 & 2434-NRA, 2015-AGL-2481 THRU 2484, 2487-NRA, 2015-AGL-2491 & 2492-NRA. 1607051248-1702141248EST.

FDC 6/0728 ORD IAP CHICAGO O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 22R, AMDT 9A...S-ILS 22R DA 948/HAT 296 ALL CATS. VIS RVR 2200 ALL CATS. PALIE FIX MINIMUMS: S-LOC 22R MDA 1100/HAT 448 ALL CATS. VIS CATS C/D RVR 4500. MULTIPLE CRANES, 1088 FT EAST OF APPROACH END RWY 22R, UP TO 833 MSL, 2015-AGL-2417 THRU 2420-NRA, 2015-AGL-2433 & 2434-NRA, 2015-AGL-2481 THRU 2484, 2487-NRA, 2015-AGL-2491 & 2492-NRA. 1607051248-1702141248EST.

Lansing Muni

FDC 7/4039 IGQ IAP LANSING MUNI, CHICAGO, IL. LOC RWY 36, ORIG...RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 36, ORIG...NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED NOTE: CIRCLING RWY 9 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9 NA. 1701122351-1708242351EST.

FDC 7/4037 IGQ IAP LANSING MUNI, CHICAGO, IL. RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA NOTE: STRAIGHT-IN, CIRCLING RWY 9 NA AT NIGHT NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701122349-1708242349EST.

FDC 7/4035 IGQ IAP LANSING MUNI, CHICAGO, IL. VOR-A, AMDT 6...NOTE: CIRCLING RWY 9 NA AT NIGHT NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701122347-1708242347EST.

CHICAGO/LAKE IN THE HILLS

Lake In The Hills

FDC 6/9978 3CK IAP LAKE IN THE HILLS, CHICAGO/LAKE IN THE HILLS, IL. VOR RWY 26, AMDT 4...S-26 MDA 1460/HAT 575 ALL CATS, CAT C VISIBILITY 1 5/8. CIRCLING MDA 1460/HAA 573 ALL CATS, CAT C VISIBILITY 1 5/8. CHICAGO DUPAGE ALTIMETER SETTING: S-26 MDA 1540/HAT 655 ALL CATS, CAT C VISIBILITY 1 7/8. CIRCLING MDA 1540/HAA 653 ALL CATS, CAT C VISIBILITY 1 7/8.. 1609121210-1704241209EST.

FDC 6/1452 3CK IAP LAKE IN THE HILLS, CHICAGO/LAKE IN THE HILLS, IL. RNAV (GPS) RWY 26, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609301928-1705121927EST.

FDC 6/1341 3CK IAP LAKE IN THE HILLS, CHICAGO/LAKE IN THE HILLS, IL. RNAV (GPS) RWY 8, ORIG...LNAV MDA 1340/HAT 453 ALL CATS. VIS CAT C 1 1/4. CHICAGO DU PAGE ALTIMETER SETTING MINIMUMS: LNAV MDA 1400/HAT 513 ALL CATS. VIS CAT C 1 1/2. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. 1609301829-1705121829EST.

CHICAGO/PROSPECT HEIGHTS/WHEELING

Chicago Executive

FDC 6/5334 PWK IAP CHICAGO EXECUTIVE, CHICAGO/PROSPECT HEIGHTS/WHEELING, IL. RNAV (GPS) RWY 16, AMDT 1D...LPV DA 904/HAT 261. 1609201646-1705021645EST.

CHICAGO/ROCKFORD

Chicago/Rockford Intl

FDC 6/9012 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. ILS OR LOC RWY 1, AMDT 28C...S-LOC 1 MDA 1200/HAT 471 ALL CATS. VIS CATS C/D RVR 5000. TRANSMISSION LINE, 900 MSL, 3.48 NM SOUTH OF APPROACH END RWY 1, 2016-AGL-8932-OE. 1608051610-1703171610EST.

FDC 6/6213 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. ILS OR LOC RWY 1, AMDT 28C...S-ILS 1 DA 963/HAT 234. CIRCLING CAT A MDA 1240/HAA 498. TEMPORARY CRANES, 925 MSL 2292 FT NW OF RWY 1. APT ELEV 742. 1610100114-1705220114EST.

FDC 6/0650 RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. LOC BC RWY 19, AMDT 15B...CIRCLING CAT A/B/C MDA 1240/HAA 498, CAT D MDA 1320/HAA 578. POPEE INT/DME MINIMUMS: CIRCLING CAT A MDA 1220/HAA 478, CAT B/C MDA 1240/HAA 498, CAT D MDA 1320/HAA 578. 1610141751-1705261751EST.

CHICAGO/ROMEOVILLE

Lewis University

FDC 7/2161 LOT SID LEWIS UNIVERSITY, CHICAGO/ROMEOVILLE, IL. ADELL FOUR DEPARTURE (RNAV)...BLOKR FOUR DEPARTURE (RNAV)...CARYN FOUR DEPARTURE (RNAV)...DARCY FOUR DEPARTURE (RNAV)...ELANR FOUR DEPARTURE (RNAV)...OBENE TWO DEPARTURE (RNAV)...ADD TAKEOFF OBSTACLE NOTE: RWY 2, TEMPORARY CRANE 3533FT FROM DER, 861FT LEFT OF CENTERLINE, 150FT AGL/ 788FT MSL (2016-AGL-12644-OE).ALL OTHER DATA REMAINS AS PUBLISHED. 1701091229-1703271229EST.

FDC 7/2160 LOT ODP LEWIS UNIVERSITY, CHICAGO/ROMEOVILLE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...ADD NOTE: RWY 2, TEMPORARY CRANE 3533FT FROM DER, 861FT LEFT OF CENTERLINE, 150FT AGL/ 788FT MSL (2016-AGL-12644-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701091229-1703271229EST.

CHICAGO/WEST CHICAGO

Dupage

FDC 6/0999 DPA ODP DUPAGE, CHICAGO/WEST CHICAGO, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...NOTE: RWY 10, 2 LIGHT POLES, 1224 FT FROM DEPARTURE END OF RWY, 37 FT LEFT OF CENTERLINE, 33 FT AGL, UP TO 789 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611012225-1706132225EST.

FDC 6/0997 DPA SID DUPAGE, CHICAGO/WEST CHICAGO, IL. ADELL FOUR DEPARTURE (RNAV)...BLOKR FOUR DEPARTURE (RNAV)...CARYN FOUR DEPARTURE (RNAV)...DARCY FOUR DEPARTURE (RNAV)...ELANR FOUR DEPARTURE (RNAV)...OBENE TWO DEPARTURE (RNAV)...NOTE: RWY 10, 2 LIGHT POLES, 1224 FT FROM DEPARTURE END OF RWY, 37 FT LEFT OF CENTERLINE, 33 FT AGL, UP TO 789 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611012223-1706132223EST.

DE KALB

Kishwaukee Hospital

FDC 7/1333 0IL6 SPECIAL KISHWAUKEE HOSPITAL, DE KALB, IL. COPTER RNAV (GPS) 321, ORIG...IFR DEPARTURE NA. 1701051700-1708171700EST.

DIXON

Katherine Shaw Bethea Hospital

FDC 7/1780 49IS SPECIAL KATHERINE SHAW BETHEA HOSPITAL, DIXON, IL. COPTER RNAV (GPS) 074, ORIG...IFR DEPARTURE NA. 1701061613-1708181612EST.

DOWNERS GROVE

Brookeridge Air Park

FDC 6/7204 LL22 SPECIAL BROOKERIDGE AIR PARK, DOWNERS GROVE, IL. VOR/DME OR GPS A, AMDT 1...NOTE: NIGHT LANDING: RWY 9 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. TAKEOFF MINIMUMS NOT STANDARD. TAKEOFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 378 FT PER NM TO 1200. NOTE: RWY 27, TREE 622 FT FROM DER, 68 FT LEFT OF CENTERLINE, 62 FT AGL/812 FT MSL. 1612061705-1707181704EST.

EFFINGHAM

Effingham County Memorial

FDC 7/2257 1H2 IAP EFFINGHAM COUNTY MEMORIAL, EFFINGHAM, IL. RNAV (GPS) RWY 1, ORIG-C...RNAV (GPS) RWY 11, ORIG...RNAV (GPS) RWY 29, ORIG-B...VOR RWY 1, AMDT 10C...CIRCLING CAT B MDA 1160/HAA 575. CRANE 848 MSL, 1.99 NM NW OF K1H2, (2016-AGL-13994-OE). 1701091738-1707081738EST.

FLORA

Flora Muni

FDC 6/1308 FOA IAP FLORA MUNI, FLORA, IL. RNAV (GPS) RWY 3, AMDT 2A...NOTE: NIGHT LANDING: RWY 21 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT. 1611021513-1706141513EST.

FDC 6/1305 FOA IAP FLORA MUNI, FLORA, IL. LOC/DME RWY 21, ORIG-C...NOTE: NIGHT LANDING: RWY 21 NA. 1611021512-1706141512EST.

GRAYSLAKE

Campbell

FDC 6/2651 C81 ODP CAMPBELL, GRAYSLAKE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 24, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 1100. NOTE: RWY 24, TOWER 5132 FT FROM DER, 1033 FT LEFT OF CENTERLINE, 154 AGL/959 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610041356-1705161356EST.

GREENWOOD/WONDER LAKE

Galt Field

FDC 6/4425 10C IAP GALT FIELD, GREENWOOD/WONDER LAKE, IL. RNAV (GPS)-B, ORIG-A...VOR-A, AMDT 10...PROCEDURE NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201752-1706011752EST.

HAMPSHIRE

Casa De Aero Park

FDC 6/2311 68IS SPECIAL CASA DE AERO PARK, HAMPSHIRE, IL. VOR-A, AMDT 5...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610041152-1705161152EST.

JACKSONVILLE

Jacksonville Muni

FDC 6/6810 IJX IAP JACKSONVILLE MUNI, JACKSONVILLE, IL. VOR RWY 13, AMDT 1...S-13 MDA 1180/HAT 558 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CATS A/B/C MDA 1180/HAA 556. VIS CAT C 1 5/8. VDP NA. 1609021627-1704141627EST.

LINCOLN

Logan County

FDC 7/6597 AAA IAP LOGAN COUNTY, LINCOLN, IL. RNAV (GPS) RWY 21, ORIG...DISREGARD NOTE: CIRCLING TO RWY 14/32 NA AT NIGHT. NOTE: CIRCLING TO RWY 14, 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701222054-1709032054EST.

FDC 7/6595 AAA IAP LOGAN COUNTY, LINCOLN, IL. NDB RWY 21, AMDT 2...DISREGARD NOTE: CIRCLING TO RWY 14/32 NA AT NIGHT. NOTE: CIRCLING TO RWY 14, 32 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701222053-1709032053EST.

FDC 7/6593 AAA IAP LOGAN COUNTY, LINCOLN, IL. RNAV (GPS) RWY 3, ORIG...VOR RWY 3, AMDT 7...DISREGARD NOTE: CIRCLING TO RWY 14/32 NA AT NIGHT. NOTE: CIRCLING TO RWY 14, 32 NA. 1701222051-1709032051EST.

LITCHFIELD

Litchfield Muni

FDC 6/2187 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 36, ORIG-A...LNAV CAT C VIS 1 5/8. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 80 FT AND CAT C VISIBILITY 1/4 MILE. NOTE: NIGHT LANDING: RWY 27 NA. 1611031447-1706151447EST.

FDC 6/2163 3LF ODP LITCHFIELD MUNI, LITCHFIELD, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 18, TREE 494 FT FROM DER, 610 FT LEFT OF CENTERLINE, 746 MSL. NOTE: RWY 27, REIL 10 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/683 FT MSL. RD BEGINNING 13 FT FROM DER, 483 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/693 FT MSL. RD BEGINNING 46 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/693 FT MSL. RD BEGINNING 303 FT FROM DER, 128 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/694 FT MSL. RD BEGINNING 344 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/698 FT MSL. TREES BEGINNING 689 FT FROM DER, 441 FT RIGHT OF CENTERLINE, UP TO 717 FT MSL. TREE 777 FT FROM DER, 445 FT LEFT OF CENTERLINE, 702 FT MSL. POLE, T-L TWR AND TREES BEGINNING 900 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 718 FT MSL. NOTE: RWY 36, TWR, TV POLE AND TREES BEGINNING 2186 FT FROM DER, 75 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/748 FT MSL. TREES AND SIGNS BEGINNING 2272 FT FROM DER, 116 FT RIGHT OF CENTERLINE, UP TO 752 FT MSL. T-L TWR AND POLE BEGINNING 2681 FT FROM DER, 71 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/753 FT MSL. TANK 2735 FT FROM DER, 1122 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/763 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031445-1706151445EST.

FDC 6/0412 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 9, ORIG...LNAV CAT C VIS 1 3/8. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. NOTE: NIGHT LANDING: RWY 27 NA. 1609121707-1704241707EST.

FDC 5/9261 3LF IAP LITCHFIELD MUNI, LITCHFIELD, IL. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA 1120/HAT 435 ALL CATS. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING: INCREASE ALL DA 73 FT AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FT AND LNAV CAT C VISIBILITY 1/8 MILE. 1511061431-1605041431EST.

MOLINE

Quad City Intl

FDC 6/6656 MLI ODP QUAD CITY INTL, MOLINE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKE-OFF MINIMUMS: RWY 5, STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600. RWY 9, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 307 FT PER NM TO 900. RWY 13, 200- 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 336 FT PER NM TO 900. RWY 23, 300-1 3/4. RWY 31, STANDARD WITH MINIMUM CLIMB OF 230 FT PER MN TO 1600. ALL OTHER DATA REMAINS AS PUBLISHED. 1609221244-1705041244EST.

FDC 6/6655 MLI IAP QUAD CITY INTL, MOLINE, IL. RNAV (GPS) RWY 27, AMDT 1B...LNAV MDA 1100/HAT 519 ALL CATS. 1609221231-1705041231EST.

MONMOUTH

Monmouth Muni

FDC 6/4554 C66 ODP MONMOUTH MUNI, MONMOUTH, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...CHANGE ALL REFERENCES TO RUNWAYS 2/20 TO RWY 3/21. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, 2B. 1612221853-PERM.

MOUNT CARMEL

Mount Carmel Muni

FDC 6/2356 AJG IAP MOUNT CARMEL MUNI, MOUNT CARMEL, IL. RNAV (GPS) RWY 4, ORIG-A...CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAWRENCEVILLE ALTIMETER SETTING AND INCREASE ALL DA 26 FEET AND ALL MDA 40 FEET, AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE. 1610041206-1705161206EST.

MOUNT VERNON

Mount Vernon

FDC 6/8110 MVN IAP MOUNT VERNON, MOUNT VERNON, IL. VOR RWY 5, AMDT 16C...DME MINIMUMS NA. 1610121723-1705241723EST.

NAPERVILLE

Naper Aero Club

FDC 7/4528 LL10 SPECIAL NAPER AERO CLUB, NAPERVILLE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 36, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 322 FT PER NM TO 1000. NOTE: RWY 36, TOWER 5047 FT FROM DER, 745 FT LEFT OF CENTERLINE, 125 FT AGL/855 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED 1701142001-1708262001EST.

OLNEY-NOBLE

Olney-Noble

FDC 6/3191 OLY IAP OLNEY-NOBLE, OLNEY-NOBLE, IL. LOC RWY 11, AMDT 5A.S-11 MDA 920/HAT 438 ALL CATS, VISIBILITY CAT A/B 1, CAT C/D 1 1/4. CIRCLING CAT A MDA 960/HAA 478, VISIBILITY 1, CAT B MDA 960/HAA 478, VISIBILITY 1, CAT C MDA 960/HAA 478, VISIBILITY 1 1/2, CAT D MDA 1180/HAA 698, VISIBILITY 2. VDP AT 2.10 DME I-LZW. CHANGE FINAL APPROACH COURSE FROM 107 TO 110 CHANGED HOLDING AT ALAKE INT/I-LZW 14.8 DME FROM 107 INBOUND TO 110 AND 287 OUTBOUND TO 290. CHANGE MISSED APPROACH INSTRUCTION TO READ: CLIMBING RIGHT TURN TO 2400 ON HEADING 290 AND ON SAM VOR/DME R-313 TO ALAKE INT/I-LZW 14.8 DME AND HOLD. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE S-11 VISIBILITY CAT C/D AND CIRCLING CAT C TO 1 5/8, CIRCLING CAT D TO 2 3/4. NOTE: VDP NA WITH EVANSVILLE ALTIMETER SETTING. NOTE: NIGHT LANDING RWY 3, 21, 29 NA. NOTE: DME REQUIRED FOR PROCEDURE ENTRY AT SAM VOR/DME. DISREGARD NOTE: PROCEDURE NA AT NIGHT. **FDC 6/3191** OLY IAP OLNEY-NOBLE, OLNEY-NOBLE, IL. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE S-11 CAT C VISIBILITY 1/4 MILE AND CAT D 1/2 MILE, INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE. 1611281812-1707101812EST

PARIS

Edgar County

FDC 6/2289 PRG IAP EDGAR COUNTY, PARIS, IL. VOR/DME-A, AMDT 8...PROCEDURE NA. 1610041150-1705161150EST.

PEORIA

General Downing - Peoria Intl

FDC 6/9840 PIA IAP U.S. DOD GENERAL DOWNING - PEORIA INTL, PEORIA, IL. HI VOR/DME OR TACAN RWY 31, AMDT 1A...NOTE: NIGHT LANDING: RWY 13 NA. VDP NA. VISUAL 34:1 SLOPE IS NOT CLEAR. 1609110129-1704230128EST.

FDC 6/4249 PIA IAP U.S. DOD GENERAL DOWNING - PEORIA INTL, PEORIA, IL. HI ILS OR LOC RWY 31, AMDT 7C...PROCEDURE NA. 1610201641-1706011641EST.

OsF Saint Francis Medical Center

FDC 7/1312 LL37 SPECIAL OSF SAINT FRANCIS MEDICAL CENTER, PEORIA, IL. COPTER RNAV (GPS) 113, ORIG...IFR DEPARTURE NA. 1701051659-1708171659EST.

FDC 6/1002 LL37 SPECIAL OSF SAINT FRANCIS MEDICAL CENTER, PEORIA, IL. COPTER RNAV (GPS) 113, ORIG...PROCEED VISUALLY NA. PROCEED VFR FROM ZIKAV OR CONDUCT THE SPECIFIED MISSED APPROACH. 1611012227-1706132227EST.

RANTOUL

Rantoul Natl Avn Cntr-Frank Elliott Fld

FDC 6/1766 TIP IAP RANTOUL NATL AVN CNTR-FRANK ELLIOTT FLD, RANTOUL, IL. VOR RWY 27, AMDT 1...DME MINIMUMS S-27 MDA 1200/HAT 467 ALL CATS, VIS CATS C/D 1 3/8. 1610031240-1705151239EST.

ROCKFORD

St Anthony Medical Center

FDC 6/3249 LL84 SPECIAL ST ANTHONY MEDICAL CENTER, ROCKFORD, IL COPTER RNAV (GPS) 072, ORIG...VISUAL SEGMENT NA; PROCEED VFR FROM UKOCI OR CONDUCT THE SPECIFIED MISSED APPROACH 1611041800-1706161800.

FDC 6/3248 LL84 SPECIAL ST ANTHONY MEDICAL CENTER, ROCKFORD, IL COPTER RNAV (GPS) 072, ORIG...CRANES WITHIN LANDING AREA OF HOSPITAL CONSTRUCTION. 1611041800-1706161800.

SHELBYVILLE

Shelby County

FDC 6/2614 2H0 IAP SHELBY COUNTY, SHELBYVILLE, IL. NDB-A, AMDT 2A...NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610041338-1705161338EST.

FDC 6/2608 2H0 IAP SHELBY COUNTY, SHELBYVILLE, IL. RNAV (GPS) RWY 36, ORIG-A...NOTE: NIGHT LANDING: RWY 36 NA. 1610041336-1705161336EST.

SPRINGFIELD

Abraham Lincoln Capital

FDC 6/8380 SPI IAP U.S. DOD ABRAHAM LINCOLN CAPITAL, SPRINGFIELD, IL. HI ILS OR LOC/DME RWY 4, AMDT 4A...TDZE 592. S-ILS 4 DA 792/HAT 200 ALL CATS, S-LOC MDA 1020/HAT 428 ALL CATS, VISIBILITY CAT C-E RVR 4000. LOGAN COUNTY ALTIMETER SETTING: S-ILS 4 DA 849/HAT 257 ALL CATS, S-LOC 4 MDA 1080/HAT 488 ALL CATS, VISIBILITY CAT C-E RVR 5000. ** WHEN ALS INOP, INCREASE CAT CDE VIS TO 1 1/4. 1610121947-1705241947EST.

FDC 6/4283 SPI IAP ABRAHAM LINCOLN CAPITAL, SPRINGFIELD, IL. ILS OR LOC RWY 31, AMDT 2A...PROFILE NOTE: AUTOPILOT COUPLED APPROACHES NA BELOW 850 MSL.. 1610201655-1706011655EST.

STERLING/ROCKFALLS

Whiteside Co Arpt-Jos H Bittorf Fld

FDC 6/1645 SQI IAP WHITESIDE CO ARPT-JOS H BITTORF FLD, STERLING/ROCKFALLS, IL. ILS RWY 25, AMDT 10...LOC BC RWY 7, AMDT 5A...NDB RWY 7, AMDT 6...RNAV (GPS) RWY 25, ORIG...RNAV (GPS) RWY 7, ORIG...NOTE: CIRCLING TO RWY 36 NA AT NIGHT. 1611021907-1706141907EST.

URBANA

Frasca Field

FDC 6/8702 C16 IAP FRASCA FIELD, URBANA, IL. VOR OR GPS-A, AMDT 11A...DME MINIMUMS: CIRCLING CATS A/B/C MDA 1300/HAA 565. DISREGARD NOTE: CIRCLING TO RWY 36 NA AT NIGHT. NOTE: CIRCLING TO RWY 18/36 NA. 1612072313-1707192313EST.

INDIANA

ANDERSON

Anderson Muni-Darlington Field

FDC 6/4245 AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. ILS OR LOC RWY 30, AMDT 1A...NDB RWY 30, AMDT 6A...RNAV (GPS) RWY 30, ORIG-A...CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING RWY 12, 36 NA. 1610201638-1706011638EST.

BATESVILLE

Batesville

FDC 6/3445 HLB SPECIAL BATESVILLE, BATESVILLE, IN. RNAV (GPS) RWY 18, AMDT 1...PROCEDURE NA. 1610051330-1705171330EST.

COLUMBUS

Columbus Muni

FDC 7/1003 BAK IAP COLUMBUS MUNI, COLUMBUS, IN. ILS RWY 23, AMDT 7A...RNAV (GPS) RWY 5, ORIG...CIRCLING CAT A/B MDA 1140/HAA 484. TOWER, 824 MSL, 1.52 NM EAST OF AIRPORT. 1701051308-1708171308EST.

FDC 6/2021 BAK IAP COLUMBUS MUNI, COLUMBUS, IN. RNAV (GPS) RWY 32, ORIG...LNAV MDA 1080/HAT 427 ALL CATS. VIS CAT C 1 1/4. CIRCLING CATS A/B MDA 1140/HAA 484. VDP 1.2 NM TO RWY 32. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. TOWER, 824 MSL, 1.52 NM EAST OF AIRPORT. 1611031245-1706151244EST.

CRAWFORDSVILLE

Crawfordsville Muni

FDC 6/5676 CFJ IAP CRAWFORDSVILLE MUNI, CRAWFORDSVILLE, IN. RNAV(GPS) RWY 4, AMDT 1...LNAV VIS CAT C 1 3/8, CIRCLING VIS CAT C 1 3/4. 1611101010-1706221010EST.

FDC 6/3181 CFJ IAP CRAWFORDSVILLE MUNI, CRAWFORDSVILLE, IN. RNAV (GPS) RWY 22, AMDT 1...LPV VISIBILITY 1 ALL CATS. LNAV/VNAV VISIBILITY 1 ALL CATS.. 1611281734-1707101733EST.

ELKHART

Elkhart Muni

FDC 7/2621 EKM IAP ELKHART MUNI, ELKHART, IN. ILS OR LOC RWY 27, AMDT 2B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ELX VOR/DME OUT OF SERVICE. 1702081942-1703281942EST.

FDC 6/7799 EKM IAP ELKHART MUNI, ELKHART, IN. ILS OR LOC RWY 27, AMDT 2B...S-ILS 27 DA 1064/HAT 286 ALL CATS, VIS RVR 4000 ALL CATS. S-LOC 27 MDA 1220/HAT 443 ALL CATS, VIS CAT A/B RVR 4000, CAT C/D RVR 5000. CIRCLING CAT A MDA 1240/ HAA 462. NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 27 CAT A/B VISIBILITY TO RVR 5000. FOR INOPERATIVE MALSR WHEN USING SOUTH BEND ALTIMETER SETTING, INCREASE S-ILS 27 VISIBILITY TO RVR 6000 ALL CATS, INCREASE S- LOC 27 CATS A/B VISIBILITY TO RVR 5000. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NA. DISREGARD NOTE: * RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1610121431-1705241431EST.

FDC 6/7796 EKM IAP ELKHART MUNI, ELKHART, IN. RNAV (GPS) RWY 18, ORIG-A...RNAV (GPS) RWY 9, ORIG...VOR RWY 9, AMDT 6...NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1610121430-1705241430EST.

FDC 6/7794 EKM IAP ELKHART MUNI, ELKHART, IN. RNAV (GPS) RWY 27, ORIG-A...LPV VIS RVR 4000 ALL CATS. LNAV CAT A/B VIS RVR 4000. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTH BEND ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS, AND LNAV CAT D VISIBILITY TO RVR 6000, INCREASE LNAV CAT C VISIBILITY TO RVR 5000. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV CAT A AND B VISIBILITY TO RVR 6000. FOR INOPERATIVE MALSR WHEN USING SOUTH BEND ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000, AND LNAV CAT A AND B VISIBILITY TO RVR 5000. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1610121428-1705241428EST.

EVANSVILLE

Evansville Rgnl

FDC 6/9998 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. RADAR 1, AMDT 7...ASR 36 MDA 940/HAT 556 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CAT A MDA 940/HAA 518, CATS B/C MDA 1040HAA 618. VIS CAT C 1 3/4. 1610312102-1706122101EST.

FDC 6/9996 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. VOR RWY 4, AMDT 7...S-4 MDA 1000/HAT 611 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING CAT A MDA 1000/HAA 578, CATC B/C 1040/HAA 618. VIS CAT C 1 3/4. VDP AT PXV VORTAC 11.01 DME; DISTANCE VDP TO THLD 1.74 MILES. 1610312100-1706122100EST.

FDC 6/9989 EVV ODP EVANSVILLE RGNL, EVANSVILLE, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 9...NOTE: RWY 27, TOWERS BEGINNING 1.3 NM FROM DER, 1157 FT LEFT OF CENTERLINE, UP TO 181 FT AGL/688 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610312057-1706122057EST.

FDC 6/1892 EVV IAP EVANSVILLE RGNL, EVANSVILLE, IN. VOR RWY 4, AMDT 7...PROCEDURE NA. 1611212146-1707032145EST.

FORT WAYNE

Fort Wayne Intl

FDC 7/5955 FWA CHART FORT WAYNE INTL, FORT WAYNE, IN. ILS OR LOC RWY 5, AMDT 15A...ILS OR LOC RWY 32, AMDT 30A...ILS RWY 5 (CAT II), AMDT 15A...RNAV (GPS) RWY 5, AMDT 1...RNAV (GPS) RWY 14, AMDT 1...RNAV (GPS) RWY 23, AMDT 2...RNAV (GPS) RWY 32, AMDT 1...LOC BC RWY 14, AMDT 15B...VOR OR TACAN RWY 5, AMDT 20...VOR OR TACAN RWY 14, AMDT 17...VOR OR TACAN RWY 23, AMDT 13A...CORRECT COMMUNICATION DATA: CHANGE FORT WAYNE TOWER FREQUENCY TO READ 119.1 269.325 INSTEAD OF 119.1 272.725. 1701191607-PERM.

FDC 7/0367 FWA IAP FORT WAYNE INTL, FORT WAYNE, IN. ILS OR LOC RWY 5, AMDT 15A...VOR OR TACAN RWY 14, AMDT 17...VOR OR TACAN RWY 23, AMDT 13A...VOR OR TACAN RWY 5, AMDT 20...ILS RWY 5 (CAT II), AMDT 15A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

Parkview Memorial Hospital

FDC 6/5327 11I7 SPECIAL PARKVIEW MEMORIAL HOSPITAL, FORT WAYNE, IN. COPTER RNAV (GPS) 205, ORIG...IFR DEPARTURE NA. 1610061804-1705181804EST.

FDC 6/2399 11I7 SPECIAL PARKVIEW MEMORIAL HOSPITAL, FORT WAYNE, IN. COPTER RNAV (GPS) 205, ORIG...PROCEED VFR FROM EDBIY OR CONDUCT THE SPECIFIED MISSED APPROACH. 1611031638-1706151638EST.

Smith Field

FDC 6/1573 SMD IAP SMITH FIELD, FORT WAYNE, IN. RNAV (GPS) RWY 13, ORIG...RNAV (GPS) RWY 23, AMDT 1...VOR RWY 13, AMDT 10...NOTE: PROCEDURE NA AT NIGHT. 1611202256-1707022256EST.

FDC 6/1569 SMD IAP SMITH FIELD, FORT WAYNE, IN. RNAV (GPS) RWY 5, ORIG...DISREGARD NOTE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. NOTE: PROCEDURE NA AT NIGHT. 1611202252-1707022252EST.

FRENCH LICK

French Lick Muni

FDC 6/8587 FRH IAP FRENCH LICK MUNI, FRENCH LICK, IN. RNAV (GPS) RWY 8, AMDT 1B...TERMINAL ROUTE PXV VORTAC (IAF) TO JIKPI (IF/IAF) MINIMUM ALTITUDE 4000 (NOPT). TERMINAL ROUTE CLOWN (IAF) TO JIKPI (IF/IAF) MINIMUM ALTITUDE 4000 (NOPT). MINIMUM HOLDING AT JIKPI (IF/IAF) 4000. ALL OTHER DATA REMAINS AS PUBLISHED. 1610130912-1705250912EST.

GOSHEN

Goshen Muni

FDC 6/7451 GSH ODP GOSHEN MUNI, GOSHEN, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 5, 23: NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609061913-1704181913EST.

FDC 6/7450 GSH IAP GOSHEN MUNI, GOSHEN, IN. VOR RWY 9, AMDT 12B...NOTE: CIRCLING NA TO RWYS 5 AND 23. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609061911-1704181911EST.

FDC 6/7448 GSH IAP GOSHEN MUNI, GOSHEN, IN. RNAV (GPS) RWY 27, ORIG...LPV DA 1238/ HAT 411, VIS 1-3/8 ALL CATS. NOTE: CIRCLING NA TO RWYS 5 AND 23. 1609061910-1704181910EST.

FDC 6/7446 GSH IAP GOSHEN MUNI, GOSHEN, IN. ILS OR LOC RWY 27, AMDT 1...S-ILS 27 DA 1233/HAT 406, VIS 1-3/8 ALL CATS. NOTE: CIRCLING NA TO RWYS 5 AND 23. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WARSAW ALTIMETER SETTING: INCREASE DA TO 1273 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND CEDOB FIX MINIMUMS VISIBILITY CAT C AND D 1/4 SM. 1609061908-1704181908EST.

GREENSBURG

Greensburg Municipal

FDC 6/3157 I34 IAP GREENSBURG MUNICIPAL, GREENSBURG, IN. RNAV (GPS) RWY 36, ORIG-A...DELETE: DESCENT ANGLE 3.02/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1610191734-1705311734EST.

GRIFFITH

Griffith-Merrillville

FDC 6/4839 05C IAP GRIFFITH-MERRILLVILLE, GRIFFITH, IN. RNAV (GPS) RWY 26, ORIG...RNAV (GPS) RWY 8, ORIG...VOR RWY 8, AMDT 8A...NOTE: PROCEDURE NA AT NIGHT. 1608302017-1704112016EST.

HUNTINGTON

Huntington Muni

FDC 7/4351 HHG ODP HUNTINGTON MUNI, HUNTINGTON, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1.TAKEOFF OBSTCALE NOTES: RWY 9: TREES BEGINNING 2 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/854 FT MSL. TREES BEGINNING 291 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/882 FT MSL. POLE AND NAVAID 47 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/812 FT MSL. TREES BEGINNING 1006 FT FROM DER, 190 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/892 FT MSL. TREES BEGINNING 1142 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/872 FT MSL. RWY 27: TREES BEGINNING 113 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/875 FT MSL. NAVAID, BLDG, POLES BEGINNING 268 FT FROM DER, 82 FT RIGHT OF CENTERLINE, 41 FT AGL/846 FT MSL. BUSH 444 FT FROM DER, 21 FT LEFT OF CENTERLINE, 16 FT AGL/816 FT MSL. ROAD AND TELEPHONE POLES BEGINNING 561 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 24 FT AGL/824 FT MSL. TREES BEGINNING 671 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/831 FT MSL. TREES BEGINNING 794 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/839 FT MSL. POLES AND POWER TRANSMISSION LINES BEGINNING 886 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/858 FT MSL. POLES AND MISCELLANEOUS 946 FT FROM DER, 342 FT RIGHT OF ALL OTHER DATA REMAINS AS PUBLISHED. FDC 7/4351 HHG ODP HUNTINGTON MUNI, HUNTINGTON, IN. CENTERLINE,UP TO 35 FT AGL/839 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701132214-1708252214EST

INDIANAPOLIS

Eagle Creek Airpark

FDC 7/0368 EYE SID EAGLE CREEK AIRPARK, INDIANAPOLIS, IN. MAREO FOUR DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/5560 EYE SID EAGLE CREEK AIRPARK, INDIANAPOLIS, IN. DAWN NINE DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1610241612-1706051612EST.

Greenwood Muni

FDC 7/0369 HFY SID GREENWOOD MUNI, INDIANAPOLIS, IN. MAREO FOUR DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/5564 HFY SID GREENWOOD MUNI,
INDIANAPOLIS, IN. DAWNN NINE
DEPARTURE...BOWLING GREEN TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, BWG VORTAC
UNUSABLE.. 1610241613-1706051613EST.

Indianapolis Executive

FDC 7/0372 TYQ SID INDIANAPOLIS EXECUTIVE,
INDIANAPOLIS, IN. MAREO FOUR
DEPARTURE...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, MIE VOR/DME OUT OF
SERVICE. 1702021601-1703021601EST.

FDC 6/5558 TYQ SID INDIANAPOLIS EXECUTIVE,
INDIANAPOLIS, IN. DAWNN NINE
DEPARTURE...BOWLING GREEN TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. BWG VORTAC
UNUSABLE. 1610241612-1706051612EST.

Indianapolis Intl

FDC 7/0370 IND SID INDIANAPOLIS INTL,
INDIANAPOLIS, IN. MAREO FOUR
DEPARTURE...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, MIE VOR/DME OUT OF
SERVICE. 1702021601-1703021601EST.

FDC 6/8329 IND IAP INDIANAPOLIS INTL,
INDIANAPOLIS, IN. ILS OR LOC RWY 5R, AMDT
7...ILS RWY 5R (SA CAT I), AMDT 7...ILS RWY 5R (CAT
II AND III), AMDT 7...CHANGE DISTANCE KELLY
(IAF) TO (CFVBC) FROM 5.4 TO 4.6 NM AND (CFVBC)
TO IIUUU (IF) FROM 5.8 TO 6.6 NM
1611152234-1706272234EST.

FDC 6/5675 IND IAP INDIANAPOLIS INTL,
INDIANAPOLIS, IN. ILS OR LOC RWY 32, AMDT
21...CIRCLING CAT D HAA 764.
1611101009-1706221009EST.

FDC 6/5672 IND IAP INDIANAPOLIS INTL,
INDIANAPOLIS, IN. RNAV (RNP) Z RWY 5R, AMDT
2...PROCEDURE NA. 1611101003-1706221003EST.

FDC 6/5578 IND SID INDIANAPOLIS INTL,
INDIANAPOLIS, IN. DAWNN NINE
DEPARTURE...BOWLING GREEN TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. BWG VORTAC
UNUSABLE. 1610241616-1706051616EST.

FDC 6/4337 IND IAP INDIANAPOLIS INTL,
INDIANAPOLIS, IN. ILS OR LOC RWY 5L, AMDT
4...OSCRR FIX MINIMUMS (DUAL VOR RECEIVERS
OR DME REQUIRED) NA. CRANE, 903 MSL, 1.66 NM
SW OF APPROACH END RWY 5L, 2016-AGL-12828
THRU 12831-OE. 1611081212-1706201212EST.

Indianapolis Metropolitan

FDC 7/0373 UMP SID INDIANAPOLIS
METROPOLITAN, INDIANAPOLIS, IN. MAREO FOUR
DEPARTURE...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, MIE VOR/DME OUT OF
SERVICE. 1702021601-1703021601EST.

FDC 6/5555 UMP SID INDIANAPOLIS
METROPOLITAN, INDIANAPOLIS, IN. DAWNN NINE
DEPARTURE...BOWLING GREEN TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. BWG VORTAC
UNUSABLE. 1610241611-1706051610EST.

Indianapolis Rgnl

FDC 7/1138 MQJ IAP INDIANAPOLIS RGNL,
INDIANAPOLIS, IN. RNAV (GPS) RWY 25,
ORIG-B...FINAL APPROACH COURSE 252.09.
1701051508-1708171508EST.

FDC 7/0371 MQJ SID INDIANAPOLIS RGNL,
INDIANAPOLIS, IN. MAREO FOUR
DEPARTURE...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, MIE VOR/DME OUT OF
SERVICE. 1702021601-1703021601EST.

FDC 6/5544 MQJ SID INDIANAPOLIS RGNL,
INDIANAPOLIS, IN. DAWNN NINE
DEPARTURE...BOWLING GREEN TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS. BWG VORTAC
UNUSABLE. 1610241553-1706051553EST.

FDC 6/2530 MQJ IAP INDIANAPOLIS RGNL,
INDIANAPOLIS, IN. RNAV (GPS) RWY 16, AMDT
1A...DELETE: DESCENT ANGLE 3.00/TCH 31.
PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
1611031738-1706151738EST.

JEFFERSONVILLE

Clark Rgnl

FDC 6/8602 JVY IAP CLARK RGNL,
JEFFERSONVILLE, IN. ILS OR LOC RWY 18, AMDT
3...CHANGE NOTE TO READ: AUTOPILOT COUPLED
APPROACH NA BELOW 1193.
1611161351-1706281351EST.

FDC 6/5180 JVY IAP CLARK RGNL,
JEFFERSONVILLE, IN. RNAV (GPS) RWY 18,
ORIG-A...LNAV/VNAV DA 846/HAT 372 ALL CATS. VIS
5/8 ALL CATS. LNAV MDA 860/HAT 386 ALL CATS.
VIS CAT C/D 3/4. CHANGE INOPERATIVE MALSR
NOTE TO READ: FOR INOPERATIVE ALS, INCREASE
LNAV/VNAV ALL CATS VISIBILITY TO 1 SM AND
LNAV CAT C/D VISIBILITY TO 1 1/8 SM.
1612011408-1707131408EST.

KENDALLVILLE

Kendallville Muni

FDC 7/1139 C62 IAP KENDALLVILLE MUNI, KENDALLVILLE, IN. RNAV (GPS) RWY 28, AMDT 1A...CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.50}/TCH {31}). 1701051513-1708171513EST.

KENTLAND

Kentland Muni

FDC 6/6513 50I IAP KENTLAND MUNI, KENTLAND, IN. VOR OR GPS-A, AMDT 3...VOR PORTION NA. 1609012131-1704132131EST.

FDC 6/6511 50I IAP KENTLAND MUNI, KENTLAND, IN. VOR/DME RNAV OR GPS RWY 27, ORIG-A...VOR/DME RNAV PORTION NA. 1609012130-1704132124EST.

KOKOMO

Kokomo Muni

FDC 7/2101 OKK IAP KOKOMO MUNI, KOKOMO, IN. VOR RWY 32, AMDT 20...BONNY FIX MINIMUMS S-32 MDA 1260/HAT 434 ALL CATS, VIS CAT C 1 1/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUNCIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FT; INCREASE S-32 CAT C, CIRCLING CAT C/D AND BONNY FIX MINIMUMS S-32 CAT C/D VISIBILITY 1/4 MILE. 1702072145-1709192145EST.

LAFAYETTE

Indiana University Health Arnett

FDC 6/6476 8IN1 SPECIAL INDIANA UNIVERSITY HEALTH ARNETT, LAFAYETTE, IN. COPTER RNAV (GPS) 024, ORIG...MDA 1180. 1609211927-1706091927EST.

Purdue University

FDC 7/8930 LAF ODP PURDUE UNIVERSITY, LAFAYETTE, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 05, 5 BUILDINGS, 2031 FT FROM DEPARTURE END OF RWY, 778 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/685 FT MSL, 2015-AGL-15476 THRU 15480-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292231-1709102231EST.

LOWELL

Lowell

FDC 6/4365 C97 IAP LOWELL, LOWELL, IN. VOR OR GPS-A, ORIG-A...PROCEDURE NA AT NIGHT. 1610201719-1706011719EST.

MADISON

Madison Muni

FDC 6/7789 IMS IAP MADISON MUNI, MADISON, IN. RNAV (GPS) RWY 3, AMDT 1B...NOTE: CIRCLING RWY 21 NA AT NIGHT. NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. MISSED APPROACH: CLIMB TO 4000 DIRECT OYANE AND ON TRACK 106.42 TO GAMKE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.. 1609261127-1705081122EST.

MARION

Marion Muni

FDC 7/4446 MZZ ODP MARION MUNI, MARION, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.NOTE: RWY 4, GRD AND LT SUPPORT STRUCTURE BEGINNING 0 FT FROM DER, 125 FT LEFT OF CENTERLINE, UP TO 854 FT MSL. LT SUPPORT STRUCTURE 34 FT FROM DER, 123 FT RIGHT OF CENTERLINE, 852 FT MSL. GRD BEGINNING 68 FT FROM DER, 412 FT RIGHT OF CENTERLINE, UP TO 856 FT MSL. TREE 534 FT FROM DER, 613 FT LEFT OF CENTERLINE, 890 FT MSL. TREES BEGINNING 775 FT FROM DER, 435 FT LEFT OF CENTERLINE, UP TO 895 FT MSL. TREE 914 FT FROM DER, 683 FT RIGHT OF CENTERLINE, 908 FT MSL. TREES BEGINNING 930 FT FROM DER, 693 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/914 FT MSL. TREES BEGINNING 1082 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 915 FT MSL. TREES BEGINNING 1283 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 921 FT MSL. TREES BEGINNING 1672 FT FROM DER, 108 FT LEFT OF CENTERLINE, UP TO 927 FT MSL. TREES BEGINNING 1852 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 936 FT MSL. 958 FT MSL. 1701141843-17082 TREE 3145 FT FROM DER, 1200 FT RIGHT OF CENTERLINE, 937 FT MSL. NOTE: RWY 15, TREES BEGINNING 77 FT FROM DER, 225 FT LEFT OF CENTERLINE, UP TO 921 FT MSL. GRD 116 FT FROM DER, 462 FT RIGHT OF CENTERLINE, 855 FT MSL. BUSH 161 FT FROM DER, 282 FT RIGHT OF CENTERLINE, 858 FT MSL. TREES BEGINNING 431 FT FROM DER, 240 FT LEFT OF CENTERLINE, UP TO 925 FT MSL. TREE 539 FT FROM DER, 269 FT RIGHT OF CENTERLINE, 51 FT AGL/901 FT MSL. VEHICLE ON ROAD AND POLES 568 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 926 FT MSL. TREE 676 FT FROM DER, 392 FT RIGHT OF CENTERLINE, 904 FT MSL. TREE 701 FT FROM DER, 331 FT RIGHT OF CENTERLINE, 73 FT AGL/914 FT MSL. 958 FT MSL. 1701141843-1708 TREE 3145 FT FROM DER, 1200 FT RIGHT OF CENTERLINE, 937 FT MSL. NOTE: RWY 15, TREES BEGINNING 77 FT FROM DER, 225 FT LEFT OF CENTERLINE, UP TO 921 FT MSL. GRD 116 FT FROM DER, 462 FT RIGHT OF CENTERLINE, 855 FT MSL. BUSH 161 FT FROM DER, 282 FT RIGHT OF CENTERLINE, 858 FT MSL. TREES BEGINNING 431 FT FROM DE

MARTINSVILLE

Morgan Hospital

FDC 6/6474 IN84 SPECIAL MORGAN HOSPITAL, MARTINSVILLE, IN. COPTER RNAV (GPS) 094, ORIG...MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 420 FT PER NM TO 3000. 1609211920-1706091920EST.

MONTICELLO

White County

FDC 6/5673 MCX IAP WHITE COUNTY, MONTICELLO, IN. RNAV (GPS) RWY 18, AMDT 1...PROCEDURE NA. 1611101005-1706221005EST.

MUNCIE

Delaware County Rgnl

FDC 7/0376 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. ILS OR LOC RWY 32, AMDT 9C...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/8315 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. RNAV (GPS) RWY 32, ORIG-A...NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WAYNE INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE. 1609262030-1705082030EST.

FDC 6/7038 MIE IAP DELAWARE COUNTY RGNL, MUNCIE, IN. ILS OR LOC RWY 32, AMDT 9C...TERMINAL ROUTE WAMBO INT TO BALL LOM/MIE4.77 DME (NOPT) NA. NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WAYNE ALTIMETER SETTING MINIMUMS, INCREASE S-ILS 32 VISIBILITY TO 1 MILE. 1611131536-1706251536EST.

NEW CASTLE

New Castle-Henry Co Muni

FDC 7/0377 UWL IAP NEW CASTLE-HENRY CO MUNI, NEW CASTLE, IN. VOR RWY 27, AMDT 10A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

PERU

Peru Muni

FDC 7/6078 I76 IAP PERU MUNI, PERU, IN. RNAV (GPS) RWY 19, AMDT 1...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1701191943-1708311943EST.

FDC 7/6077 I76 IAP PERU MUNI, PERU, IN. RNAV (GPS) RWY 1, ORIG-A...DISREGARD NOTE: NIGHT LANDING: RWY 19 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1701191943-1708311943EST.

FDC 7/1414 I76 IAP PERU MUNI, PERU, IN. VOR RWY 1, AMDT 8B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. GUS R-034 UNUSABLE. 1701051809-1708171809EST.

RICHMOND

Reid Hospital

FDC 6/6495 IN68 SPECIAL REID HOSPITAL, RICHMOND, IN. COPTER RNAV (GPS) 155, ORIG...MDA 1640. 1609211932-1706091932EST.

SEYMOUR

Freeman Muni

FDC 6/9951 SER IAP FREEMAN MUNI, SEYMOUR, IN. RNAV (GPS) RWY 32, AMDT 1...LNAV MDA 1140/HAT 566 ALL CATS. VIS CAT C/D 1 5/8. CIRCLING CAT A/B MDA 1140/HAA 557. VDP 1.68 NM TO RWY 32. 1610141313-1705261313EST.

SHELBYVILLE

Shelbyville Muni

FDC 7/0374 GEZ SID SHELBYVILLE MUNI, SHELBYVILLE, IN. MAREO FOUR DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/5580 GEZ SID SHELBYVILLE MUNI, SHELBYVILLE, IN. DAWN NINE DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BWG VORTAC UNUSABLE. 1610241617-1706051617EST.

SOUTH BEND

South Bend Intl

FDC 7/0283 SBN IAP SOUTH BEND INTL, SOUTH BEND, IN. RNAV (GPS) RWY 27L, ORIG-A...LNAV MDA 1300/HAT 526 ALL CATS. VIS CAT C/D RVR 5500. CIRCLING CATS A/B/C MDA 1300/HAA 502. VDP 1.49 NM TO RW27L. TEMPORARY CRANE, 1039 MSL, 3.73 NM EAST OF AIRPORT. 1701031653-1703311653EST.

TERRE HAUTE

Terre Haute Intl-Hulman Field

FDC 6/8432 HUF IAP TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RADAR 1, AMDT 5...S-32 MDA 960/HAT 371 ALL CATS. 1612072117-1707192117EST.

FDC 6/2831 HUF IAP TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RNAV (GPS) RWY 32, ORIG-B...LNAV MDA 960/HAT 371, VISIBILITY 1 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARIS ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND LNAV CAT C/D VISIBILITY TO 1 3/8. 1611261516-1707081516EST.

VALPARAISO

Porter County Rgnl

FDC 6/5258 VPZ IAP PORTER COUNTY RGNL, VALPARAISO, IN. ILS RWY 27, AMDT 3...TERMINAL ROUTE FROM NOMES (IAF) TO SILMS INT NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1612011535-1707131534EST.

WARSAW

Warsaw Muni

FDC 6/3805 ASW IAP WARSAW MUNI, WARSAW, IN. RNAV (GPS) RWY 9, ORIG...LNAV MDA 1260/HAT 415 ALL CATS. VDP 1.09 NM TO RW09. CRANE, 941MSL, 1687 FT SW OF APPROACH END RWY 9, (2016-AGL-14875-OE). 1612201200-1707311200EST.

FDC 6/3800 ASW ODP WARSAW MUNI, WARSAW, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 18, CRANE, 3631 FT FROM DEPARTURE END OF RWY, 1053 FT RIGHT OF CENTERLINE, 120 AGL/934 MSL, (2016-AGL-14873-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612201200-1707311200EST.

WINAMAC

Arens Field

FDC 6/2144 RWN ODP ARENS FIELD, WINAMAC, IN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 27, FENCE 6 FEET FROM DER, 203 FEET LEFT OF CENTERLINE, 2 FEET AGL/707 FEET MSL. BUSH 99 FEET FROM DER, 190 FEET LEFT OF CENTERLINE, 12 FEET AGL/715 MSL. TREE 1660 FEET FROM DER, 852 FEET RIGHT OF CENTERLINE, 49 FEET AGL/757 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031435-1706151435EST.

IOWA

ALGONA

Algona Muni

FDC 6/4764 AXA IAP ALGONA MUNI, ALGONA, IA.
RNAV (GPS) RWY 30, AMDT 1B...NOTE: NIGHT
LANDING: RWY 12 NA. 1609191842-1705011842EST.

AMES

Ames Muni

FDC 6/5823 AMW IAP AMES MUNI, AMES, IA. RNAV
(GPS) RWY 19, AMDT 1...LPV CATS A/B/C DA 1211/
HAT 274. LNAV/VNAV CATS A/B/C DA 1365/ HAT 428..
NOTE: VGSI AND RNAV GLIDEPATH NOT
COINCIDENT (VGSI ANGLE 4.00/TCH 41FT).
1612021650-1707141650EST.

ANKENY

Ankeny Rgnl

FDC 7/3538 IKV IAP ANKENY RGNL, ANKENY, IA.
ILS OR LOC RWY 36, AMDT 3...S-ILS 36 DA 1141/HAT
250 ALL CATS. CRANE, 980 MSL, 773 FT WEST OF
APPROACH END RWY 36, 2016-ACE-1226-OE.
1701111903-1705011903EST.

ATLANTIC

Atlantic Muni

FDC 6/8836 AIO IAP ATLANTIC MUNI, ATLANTIC, IA.
RNAV (GPS) RWY 20, AMDT 1A...LNAV MDA
1680/HAT 531 ALL CATS, VISIBILITY CAT C 1 3/8.
CIRCLING CATS A/B MDA 1760/HAA 595, CAT C MDA
1780/HAA 615, VISIBILITY CAT C 1 3/4. DISTANCE
VDP TO THLD 1.56 MILES. WHEN USING HARLAN
ALTIMETER SETTING, INCREASE CIRCLING CAT C
VISIBILITY TO 2. DISREGARD NOTE: WHEN VGSI
INOP, CIRCLING RWY 12 NA AT NIGHT. DISREGARD
NOTE: CIRCLING TO RWY 30 NA AT NIGHT. NOTE:
CIRCLING TO RWY 12, 30 NA AT NIGHT.
1610281648-1706091648EST.

FDC 6/8834 AIO IAP ATLANTIC MUNI, ATLANTIC, IA.
RNAV (GPS) RWY 2, AMDT 1A...CIRCLING CATS A/B
MDA 1760/HAA 595, CAT C MDA 1780/HAA 615,
VISIBILITY CAT C 1 3/4. WHEN USING HARLAN
ALTIMETER SETTING, INCREASE CIRCLING CAT C
VISIBILITY TO 2. DISREGARD NOTE: WHEN VGSI
INOP, CIRCLING RWY 12 NA AT NIGHT. DISREGARD
NOTE: CIRCLING TO RWY 30 NA AT NIGHT. NOTE:
CIRCLING TO RWY 12, 30 NA AT NIGHT.
1610281648-1706091648EST.

AUDUBON

Audubon County

FDC 7/8894 ADU ODP AUDUBON COUNTY,
AUDUBON, IA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1.TAKE-OFF MINIMUMS: RWY 14, 300-1 1/4 OR
STANDARD WITH MINIMUM CLIMB 240 FEET PER
NM TO 1600. TAKE-OFF MINIMUMS: RWY 32, 300-1
1/4 OR STANDARD WITH MINIMUM CLIMB 360 FEET
PER NM TO 1700. NOTE: RWY 14,BUILDING, BUSH,
PARKING LOT AND TERRAIN BEGINNING 22 FEET
FROM DER, 326 LEFT OF CENTERLINE, UP TO 16
FEET AGL/1315 FEET MSL. POLES AND ROADS
BEGINNING 439 FEET FROM DER, 253 FEET RIGHT
OF CENTERLINE, UP TO 39 FEET AGL/1318 FEET
MSL. POLES, BUILDINGS AND PARKING LOTS
BEGINNING 492 FEET FROM DER, 388 FEET LEFT OF
CENTERLINE, UP TO 31 FEET AGL/1332 FEET MSL.
TREES AND POLE BEGINNING 710 FEET FROM DER,
149 FEET RIGHT OF CETERLINE, UP TO 33 AGL/1311
FEET MSL. PARKING LOTS, TREES, POLES, ROAD
AND TERRAIN BEGINNING 934 FEET FROM DER, 281
FEET LEFT OF CENTERLINE, UP TO 31 FEET AGL/
1349 FEET MSL. TREES BEGINNING 1596 FEET FROM
DER, 631 FEET RIGHT OF CENTERLINE, UP TO 65
FEET AGL/1321 FEET MSL. TREES, BUSHES AND
TERRAIN BEGINNING 1716 FEET FROM DER, 56
FEET LEFT OF CENTERLINE, UP TO 59 FEET
AGL/1406 FEET MSL. TREES BEGINNING 3491 FEET
FROM DER, 17 FEET RIGHT OF CENTERLINE, UP TO
73 FEET AGL/1396 FEET MSL. TREES, POLES AND
ROAD BEGINNING 5038 FEET FROM DER, 1574 FDC
7/8894 ADU ODP AUDUBON COUNTY, AUDUBON, IA.
FEET LEFT OF CENTERLINE, UP TO 71 FEET
AGL/1465 FEET MSL. NOTE: RWY 32, LIGHT POLES
BEGINNING 9 FEET FROM DER, LEFT AND RIGHT OF
CENTERLINE, UP TO 3 FEET AGL/1289 FEET MSL.
POLES, BUSHES, BUILDINGS, PARKING LOTS AND
TERRAIN BEGINNING 31 FEET FROM DER, 14 LEFT
OF CENTERLINE, UP TO 36 FEET AGL/1334 FEET
MSL. BUSHES, POLES, BUILDINGS, PARKING LOTS,
GRAIN ELEVATOR AND TERRAIN BEGINNING 64
FEET FROM DER, 75 FEET RIGHT OF CENTERLINE,
UP TO 30 FEET AGL/1318 FEET MSL.
1701292202-1709102202EST

FDC 6/8640 ADU IAP AUDUBON COUNTY,
AUDUBON, IA. RNAV (GPS) RWY 32, ORIG...NOTE:
CIRCLING RWY 14 NA AT NIGHT.
1612072236-1707192235EST.

BOONE

Boone Muni

FDC 6/4545 BNW ODP BOONE MUNI, BOONE, IA.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 5...TAKE-OFF MINIMUMS: RWY
33, 300 - 1 3/4 OR STANDARD WITH MINIMUM
CLIMB OF 405 FT PER NM TO 1400. ALL OTHER
DATA REMAINS AS PUBLISHED.
1610202024-1706012024EST.

CLARINDA

Schenck Field

FDC 6/3691 ICL ODP SCHENCK FIELD, CLARINDA, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 2, CLIMB HEADING 020 TO 2400 BEFORE TURNING. ALL OTHER DATA REMAINS AS PUBLISHED. 1609161635-1704281635EST.

COUNCIL BLUFFS

Council Bluffs Muni

FDC 7/6411 CBF IAP COUNCIL BLUFFS MUNI, COUNCIL BLUFFS, IA. RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 36, AMDT 2...CIRCLING CAT A MDA 1780/HAA 535. 1701202109-1709012109EST.

FDC 7/6407 CBF IAP COUNCIL BLUFFS MUNI, COUNCIL BLUFFS, IA. ILS OR LOC RWY 36, AMDT 1...CIRCLING CAT A MDA 1780/HAA 535. 1701202105-1709012105EST.

FDC 7/6404 CBF IAP COUNCIL BLUFFS MUNI, COUNCIL BLUFFS, IA. RNAV (GPS) RWY 32, ORIG-A...VOR-A, AMDT 5...CIRCLING CATS A/B MDA 1780/HAA 535. 1701202103-1709012103EST.

DAVENPORT

Davenport Muni

FDC 7/9418 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. RNAV (GPS) RWY 15, AMDT 2B...LNAV MDA 1220/HAT 470 ALL CATS. VIS CATS C/D 1. CRANE, 902 MSL, 4145 FT WEST OF APPROACH END RWY 15, (2016-ACE-2724-OE). 1701312004-1709122004EST.

FDC 6/9991 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. RNAV (GPS) RWY 21, AMDT 1D...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING TO RWY 21 NA AT NIGHT. 1609121221-1704241221EST.

FDC 6/9990 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. RNAV (GPS) RWY 15, AMDT 2B...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 21 NA AT NIGHT. 1609121221-1704241221EST.

FDC 6/9986 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. RNAV (GPS) RWY 3, AMDT 1C...VOR RWY 3, AMDT 9A...DISREGARD NOTE: WHEN RWY 3 VGSI INOP, STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 21 NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609121221-1704241221EST.

FDC 6/9985 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. ILS OR LOC RWY 15, AMDT 1B...RNAV (GPS) RWY 33, AMDT 1C...DISREGARD NOTE: WHEN RWY 21 VGSI INOP, CIRCLING RWY 21 NA AT NIGHT. 1609121221-1704241221EST.

FDC 6/3708 DVN IAP DAVENPORT MUNI, DAVENPORT, IA. VOR RWY 21, AMDT 8B...DISREGARD NOTE: WHEN RWY 21 VGSI INOP, STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1609161641-1704281641EST.

DES MOINES

Des Moines Intl

FDC 6/7815 DSM IAP U.S. DOD DES MOINES INTL, DES MOINES, IA. HI ILS OR LOC RWY 31, AMDT 7...DISREGARD MM INDICATIONS. 1610121440-1705241440EST.

DUBUQUE

Dubuque Rgnl

FDC 6/3773 DBQ IAP DUBUQUE RGNL, DUBUQUE, IA. RNAV (GPS) RWY 13, ORIG...LNAV MDA 1440/HAT 363 ALL CATS.. 1610201321-1706011321EST.

FDC 6/2133 DBQ IAP DUBUQUE RGNL, DUBUQUE, IA. LOC/DME BC RWY 13, AMDT 5C...PROCEDURE NA. 1611031422-1706151422EST.

FAIRFIELD

Fairfield Muni

FDC 6/1377 FFL IAP FAIRFIELD MUNI, FAIRFIELD, IA. RNAV (GPS) RWY 18, AMDT 2...RNAV (GPS) RWY 36, AMDT 1A...LPV DA NA. CIRCLING NA TO RWY 8/26. 1611201929-1707021928EST.

FOREST CITY

Forest City Muni

FDC 7/8881 FXY ODP FOREST CITY MUNI, FOREST CITY, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2...CHANGE: DEPARTURE PROCEDURE: RWY 33, CLIMB HEADING 332 TO 1900 FT BEFORE TURNING RIGHT. NOTE: RWY 33, TOWER 2.55 NM FROM DER, 1721 FT MSL / 410 AGL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292151-1709102151EST.

FDC 6/6408 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. RNAV (GPS) RWY 33, ORIG-A...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1611101836-1706221836EST.

FDC 6/6401 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. VOR/DME-A, AMDT 3A...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: CIRCLING TO RWY 9-27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611101833-1706221833EST.

FDC 6/6296 FXY IAP FOREST CITY MUNI, FOREST CITY, IA. RNAV (GPS) RWY 15, ORIG-A...NOTE: NIGHT LANDING: RWY 9, 27, 33 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 33 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT. 1610100207-1705220207EST.

FORT MADISON

Fort Madison Muni

FDC 6/6411 FSW IAP FORT MADISON MUNI, FORT MADISON, IA. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-B...CIRCLING CATS A/B/C MDA 1200/HAA 476. 1611101839-1706221839EST.

IOWA CITY

Iowa City Muni

FDC 6/8577 IOW IAP IOWA CITY MUNI, IOWA CITY, IA. RNAV (GPS) RWY 25, ORIG-B...LNAV CATS A/B MDA 1240/HAT 583. CRANE, 930 MSL, 5129 FT NE OF APPROACH END RWY 25, 2016-ACE-4165-OE. 1610281203-1706091203EST.

FDC 6/0767 IOW ODP IOWA CITY MUNI, IOWA CITY, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...TAKE-OFF MINIMUMS RWY 30, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 470 FEET PER NM TO 1100. DEPARTURE PROCEDURE RWY 30, CLIMB TO 1200 ON HEADING 303 BEFORE TURNING LEFT. ALL OTHER DATA REMAINS AS PUBLISHED. 1612122129-1707242129EST.

MAPLETON

James G Whiting Memorial Field

FDC 6/5766 MEY IAP JAMES G WHITING MEMORIAL FIELD, MAPLETON, IA. RNAV (GPS) RWY 20, ORIG...NOTE: STRAIGHT-IN RWY 20 NA AT NIGHT. NOTE: CIRCLING RWY 2 NA AT NIGHT. 1610242027-1706052027EST.

FDC 6/5765 MEY IAP JAMES G WHITING MEMORIAL FIELD, MAPLETON, IA. RNAV (GPS) RWY 2, ORIG...NOTE: STRAIGHT-IN RWY 2 NA AT NIGHT. NOTE: CIRCLING RWY 20 NA AT NIGHT. 1610242025-1706052024EST.

MAQUOKETA

Maquoketa Muni

FDC 6/3675 OQW ODP MAQUOKETA MUNI, MAQUOKETA, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 33, STANDARD WITH A MINIMUM CLIMB OF 238 FEET PER NM TO 1000. NOTE: RWY 33, FENCE AND VEHICLES ON ROAD BEGINNING 2 FEET FROM DER, 3 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/788 FEET MSL. TREE 561 FEET FROM DER, 355 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/796 FEET MSL. POLES, TOWERS, BLDGS AND TREES BEGINNING 1051 FEET FROM DER, 59 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/859 FEET MSL. POLE AND TOWER 1728 FEET FROM DER, 127 FEET LEFT OF CENTERLINE, 53 FEET AGL/825 FEET MSL. TREES BEGINNING 4199 FEET FROM DER, 835 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/925 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609161624-1704281624EST.

MASON CITY

Mason City Muni

FDC 7/6623 MCW IAP MASON CITY MUNI, MASON CITY, IA. RNAV (GPS) RWY 18, AMDT 2A...LPV DA 1464/HAT 250. CIRCLING HAA CAT A 446, CAT B 466, CAT C 546, CAT D MDA 1780/HAA 566. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL DA TO 1551 FEET AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 100 FT AND LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHANGE FOR INOPERATIVE MALS NOTE TO READ: FOR INOPERATIVE MALS WHEN USING CHARLES CITY ALTIMETER SETTING, INCREASE LPV, LNAV/VNAV CAT D VISIBILITY TO 1 1/8 MILE AND LNAV CATS C AND D TO 1 3/8 MILE. NOTE: FOR INOPERATIVE MALS, INCREASE LNAV CAT D VISIBILITY TO 1 MILE. APT EL 1214. 1701222111-1709032110EST.

MUSCATINE

Muscatine Muni

FDC 6/4393 MUT ODP MUSCATINE MUNI, MUSCATINE, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2.TAKE-OFF MINIMUMS: RWY 6, 12, STANDARD. RWY 24, STANDARD WITH MINIMUM CLIMB OF 213 FEET PER NM TO 1000. RWY 30, STANDARD WITH MINIMUM CLIMB OF 298 FEET PER NM TO 1000. NOTE: RWY 6, TREE 635 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/560 FT MSL. TREE 1422 FT FROM DER, 640 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/582 FT MSL. NOTE: RWY 12, BUILDING 756 FT FROM DER, 643 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/577 FT MSL. BUILDING AND TREES BEGINING 811 FT FROM DER, 558 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/571 FT MSL. BUILDING 1095 FT FROM DER, 782 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/580 FT MSL. NOTE: RWY 24, TREE 218 FT FROM DER, 531 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/567 FT MSL. TREE 1949 FT FROM DER, 271 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/599 FT MSL. TREE 2566 FT FROM DER, 539 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/616 FT MSL. TREES BEGINNING 1.4 MILES FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/827 FT MSL. NOTE: RWY 30, FENCE, TREES AND POLES BEGINNING 28 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/593 FT MSL. TREES ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/4393 MUT ODP MUSCATINE MUNI, MUSCATINE, IA. BEGINNING 1.4 MILES FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/861 FT MSL. CONTROLLING OBSTACLES: RWY 24: 789 FT MSL TREE 412051.04N-0911054.12W, 827 FT MSL TREE 412045.38N-0911118.41W. RWY 30: 846 FT MSL TREE 412250.43N-0911112.00W. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201735-1706011735EST

OELWEIN

Oelwein Muni

FDC 7/4011 OLZ IAP OELWEIN MUNI, OELWEIN, IA. RNAV (GPS) RWY 13, ORIG...CIRCLING NA TO RWYS 18 AND 36. 1701122323-1708242323EST.

FDC 7/4009 OLZ IAP OELWEIN MUNI, OELWEIN, IA. VOR OR GPS-A, AMDT 3B...VOR PORTION NA. CIRCLING NA TO RWYS 18 AND 36. 1701122321-1708242321EST.

OSKALOOSA

Oskaloosa Muni

FDC 7/8905 OOA IAP OSKALOOSA MUNI, OSKALOOSA, IA. NDB RWY 22, AMDT 4...DISREGARD NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. NOTE: NIGHT LANDING: RWY 4, 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701292210-1709102210EST.

FDC 7/8903 OOA IAP OSKALOOSA MUNI, OSKALOOSA, IA. RNAV (GPS) RWY 31, AMDT 1...VOR/DME RWY 31, AMDT 3A...NOTE: NIGHT LANDING: RWY 4, 22 NA. 1701292208-1709102208EST.

FDC 7/8901 OOA IAP OSKALOOSA MUNI, OSKALOOSA, IA. RNAV (GPS) RWY 13, AMDT 1...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: NIGHT LANDING: RWY 4, 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701292206-1709102206EST.

OTTUMWA

Ottumwa Rgnl

FDC 7/1228 OTM IAP OTTUMWA RGNL, OTTUMWA, IA. ILS OR LOC RWY 31, AMDT 5D...LOC/DME BC RWY 13, AMDT 3B...RNAV (GPS) RWY 13, ORIG-A...RNAV (GPS) RWY 31, ORIG...VOR/DME RWY 13, AMDT 7A...CIRCLING CATS A/B/C MDA 1340/ HAA 495. TEMPORARY CRANE, 976 MSL, 1746 FT EAST OF AIRPORT. 1701051622-1708171622EST.

FDC 6/5666 OTM IAP OTTUMWA RGNL, OTTUMWA, IA. VOR/DME RWY 13, AMDT 7A...S-13 VISIBILITY 1 ALL CATS. 1611100949-1706220949EST.

FDC 6/5665 OTM IAP OTTUMWA RGNL, OTTUMWA, IA. RNAV (GPS) RWY 13, ORIG-A...LNAV/VNAV VISIBILITY 1 ALL CATS. LNAV VISIBILITY 1 ALL CATS. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. 1611100949-1706220949EST.

RED OAK

Red Oak Muni

FDC 7/4483 RDK IAP RED OAK MUNI, RED OAK, IA. RNAV (GPS) RWY 5, AMDT 1A...LPV DA ALL CATS 1305, HAT 262.. 1701141912-1708261912EST.

ROCK RAPIDS

Rock Rapids Muni

FDC 6/5135 RRQ IAP ROCK RAPIDS MUNI, ROCK RAPIDS, IA. GPS RWY 34, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612272119-1708082119EST.

FDC 6/5133 RRQ IAP ROCK RAPIDS MUNI, ROCK RAPIDS, IA. GPS RWY 16, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612272119-1708082119EST.

SHENANDOAH

Shenandoah Muni

FDC 6/6729 SDA IAP SHENANDOAH MUNI, SHENANDOAH, IA. VOR/DME RWY 12, AMDT 4A...CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: PROCEDURE NA AT NIGHT.. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 12 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 30 NA AT NIGHT. 1611121503-1706241503EST.

FDC 6/4247 SDA ODP SHENANDOAH MUNI, SHENANDOAH, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 30, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FEET PER NM TO 1300. NOTES: RWY 30, TREES 1.4 NM NORTHWEST OF AIRPORT. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201639-1706011639EST.

SIOUX CITY

Sioux Gateway/Col Bud Day Field

FDC 6/6267 SUX IAP U.S. DOD SIOUX GATEWAY/COL BUD DAY FIELD, SIOUX CITY, IA. HI VOR/DME OR TACAN RWY 13, AMDT 3B...VOR/DME OR TACAN RWY 13, AMDT 18C...TACAN PORTION NA. 1610100159-1705220159EST.

SPENCER

Spencer Muni Hospital

FDC 6/2722 11A3 SPECIAL SPENCER MUNI HOSPITAL, SPENCER, IA. COPTER RNAV (GPS) 285, ORIG...H-285 MDA 1760/HAS 418. TOWER, 1726 MSL, 5701 FT NORTH OF HELIPORT. 1610041416-1705161416EST.

STORM LAKE

Storm Lake Muni

FDC 7/8907 SLB ODP STORM LAKE MUNI, STORM LAKE, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: NOTE: RWY 35 : NAVAID 9 FT FROM DER, 26 FT LEFT OF CENTERLINE, 1480 FT MSL. TERRAIN 21 FT FROM DER, 429 FT LEFT OF CENTERLINE, 1482 FT MSL. TREES BEGINNING 43 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1486 FT MSL. TREE 1411 FT FROM DER, 701 FT RIGHT OF CENTERLINE, 100 FT AGL/1537 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292211-1709102211EST.

WATERLOO

Waterloo Rgnl

FDC 7/0448 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 6, AMDT 3A...MSA WEST SECTOR 180 TO 360 2600 FT. 1701032203-1708152203EST.

FDC 7/0446 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 18, AMDT 8B...S-18 CAT A/B MDA 1580/HAT 709, CAT C/D NA. CIRCLING MDA 1580/HAA 707 ALL CATS. VISIBILITY CAT C 2, CAT D 2 1/4. TDZE 871. MSA WEST SECTOR 180 TO 360 2600 FT.. 1701032202-1708152202EST.

FDC 7/0444 ALO IAP WATERLOO RGNL, WATERLOO, IA. VOR RWY 12, AMDT 10A...S-12 MDA 1360/HAT 487 ALL CATS. VIS CAT A/B RVR 4000, CAT C RVR 5000. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDEPENDENCE ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, S-12 VISIBILITY CAT C/D TO RVR 6000. 1701032200-1708152200EST.

KANSAS

ATWOOD

Atwood-Rawlins County City-County

FDC 6/1222 ADT IAP ATWOOD-RAWLINS COUNTY CITY-COUNTY, ATWOOD, KS. RNAV (GPS) RWY 16, ORIG...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA 3540/HAT 549 ALL CATS, VISIBILITY CAT C AND D 1 5/8. NOTE: USE MCCOOK ALTIMETER SETTING; WHEN NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. 1610171322-1705291322EST.

BELOIT

Moritz Memorial

FDC 7/3731 K61 IAP MORITZ MEMORIAL, BELOIT, KS. RNAV (GPS) RWY 17, ORIG...VOR/DME RWY 17, AMDT 4...PROCEDURE NA. 1701121310-1708241310EST.

FDC 6/8423 K61 IAP MORITZ MEMORIAL, BELOIT, KS. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...VISUAL DESCENT ANGLE 3.04/TCH 40 NOT AUTHORIZED. DISREGARD NOTE: CIRCLING TO RWY 26 NA AT NIGHT. NOTE: CIRCLING TO RWYS 4, 8, 22, AND 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. 1612072110-1707192110EST.

FDC 6/3005 K61 IAP MORITZ MEMORIAL, BELOIT, KS. VOR/DME RWY 17, AMDT 4...CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 4, 8, 17, 22, 26 NA AT NIGHT. DELETE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR/DME RWY 17, AMDT 4A. 1607082129-PERM.

BURLINGTON

Coffey County

FDC 6/1252 UKL IAP COFFEY COUNTY, BURLINGTON, KS. NDB RWY 36, AMDT 2...NOTE: NIGHT LANDING: RWY 18, 36 NA. 1611201540-1707021540EST.

FDC 6/1250 UKL IAP COFFEY COUNTY, BURLINGTON, KS. RNAV (GPS) RWY 18, ORIG-A...NOTE: NIGHT LANDING: RWY 18, 36 NA. DISREGARD NOTE: CIRCLING TO RWY 36 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT. 1611201538-1707021538EST.

CHANUTE

Chanute Martin Johnson

FDC 6/5212 CNU IAP CHANUTE MARTIN JOHNSON, CHANUTE, KS. RNAV (GPS) RWY 36, ORIG...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: NIGHT LANDING: RWY 36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612272237-1708082237EST.

CLAY CENTER

Clay Center Muni

FDC 6/5459 CYW IAP CLAY CENTER MUNI, CLAY CENTER, KS. NDB RWY 35, AMDT 2A...S-35 NA. 1610062114-1705182114EST.

FDC 6/5458 CYW IAP CLAY CENTER MUNI, CLAY CENTER, KS. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...LNAV MDA NA. 1610062114-1705182114EST.

COLBY

Shalz Field

FDC 7/2196 CBK IAP SHALZ FIELD, COLBY, KS. NDB RWY 17, AMDT 1...TDZE 3187. S-17 HAT 453 ALL CATS. S-17 VISIBILITY CAT C 1 3/8. APT ELEV 3187. CIRCLING HAA 453 ALL CATS. NOTE: CIRCLING NA TO RWYS 4, 12, 22, 30. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE S-17 CAT C VISIBILITY 3/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1702072312-1709192312EST.

FDC 7/2194 CBK IAP SHALZ FIELD, COLBY, KS. RNAV (GPS) RWY 35, AMDT 1A...NOTE: CIRCLING NA TO RWYS 4, 12, 22, 30. 1702072311-1709192311EST.

FDC 7/2192 CBK IAP SHALZ FIELD, COLBY, KS. RNAV (GPS) RWY 17, AMDT 1...LNAV/VNAV DA NA. DISREGARD NOTE: BARO-VNAV NA WHEN USING GOODLAND ALTIMETER SETTING. DISREGARD NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE. NOTE: CIRCLING NA TO RWYS 4, 12, 22, 30. DISREGARD PROFILE NOTE: GS 3.00/TCH 40. PROFILE NOTE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00/TCH 23). 1702072310-1709192310EST.

CONCORDIA

Blosser Muni

FDC 6/8355 CNK IAP BLOSSER MUNI, CONCORDIA, KS. RNAV (GPS) RWY 17, ORIG-A...NOTE: NIGHT LANDING: RWY 35 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1610121940-1705241940EST.

FDC 6/1288 CNK ODP BLOSSER MUNI, CONCORDIA, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 17, TREES BEGINNING 454 FT FROM DER, 238 FT LEFT OF CENTERLINE TO 4337 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 46 FT AGL/1607 FT MSL. TREES AND POLES BEGINNING 444 FT FROM DER, 479 FT RIGHT OF CENTERLINE TO 4251 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/1620 FT MSL. BUILDINGS BEGINNING 1219 FT FROM DER, 355 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/1559 FT MSL. TERRAIN BEGINNING 196 FT FROM DER, 141 FT RIGHT OF CENTERLINE, UP TO 1581 FT MSL. NOTE: RWY 35, WATER TOWER 2086 FT FROM DER, 1011 FT RIGHT OF CENTERLINE, 119 FT AGL/1585 FT MSL. TREES BEGINNING 399 FT FROM DER, 158 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/1494 FT MSL. POLES BEGINNING 318 FT FROM DER, 561 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1512 FT MSL. TERRAIN 59 FT FROM DER, 351 FT LEFT OF CENTERLINE, 1475 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611021448-1706141448EST.

ELKHART

Elkhart-Morton County

FDC 7/2043 EHA IAP ELKHART-MORTON COUNTY, ELKHART, KS. RNAV (GPS) RWY 35, AMDT 1A...LPV DA NA. VDP AT 1.93 MILES TO RW35* *LNAV ONLY. 1702072102-1709192101EST.

EUREKA

Lt William M Milliken

FDC 6/8087 13K IAP LT WILLIAM M MILLIKEN, EUREKA, KS. RNAV (GPS) RWY 18, ORIG-A...CHANGE CIRCLING NA AT NIGHT NOTE TO READ: CIRCLING TO RWY 36 NA AT NIGHT. NOTE: CIRCLING NA TO RWYS 8 AND 26. 1612071538-1707191538EST.

FDC 6/8085 13K IAP LT WILLIAM M MILLIKEN, EUREKA, KS. VOR/DME RWY 18, AMDT 2B...NOTE: CIRCLING NA TO RWYS 8 AND 26. 1612071538-1707191538EST.

FDC 6/8083 13K ODP LT WILLIAM M MILLIKEN, EUREKA, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 08, 26: NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612071538-1707191538EST.

FORT LEAVENWORTH

Sherman AAF

FDC 6/9964 FLV IAP U.S. DOD SHERMAN AAF, FORT LEAVENWORTH, KS. RNAV (GPS) RWY 34, ORIG-A...DESCENT ANGLE 3.04 /TCH 50 NA. 1610312042-1706122042EST.

GARDEN CITY

Garden City Rgnl

FDC 6/3994 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 30, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW30 25 NM 5000. 1610201429-1706011429EST.

FDC 6/3990 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 12, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW12 25 NM 5000. 1610201427-1706011427EST.

FDC 6/1008 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 17, ORIG...CIRCLING CAT A MDA 3320/HAA 429. MSA RW17 25 NM 5000. 1611012231-1706132231EST.

FDC 6/0010 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. RNAV (GPS) RWY 35, ORIG...CIRCLING MDA CAT A 3320/HAA 429. MSA RW35 25 NM 5000. 1609121231-1704241231EST.

FDC 6/0004 GCK IAP GARDEN CITY RGNL, GARDEN CITY, KS. VOR/DME RWY 35, AMDT 2...S-35 MDA 3200/HAT 315 ALL CATS. CIRCLING CAT A MDA 3320/HAA 429. TERMINAL ROUTE LACKA VIA GCK 11 DME CCW ARC TO VODCU (NOPT) 5000. TERMINAL ROUTE GCK VORTAC TO IMGIZ 4800. PROCEDURE TURN COMPLETION ALTITUDE 5000. MSA GCK VORTAC 25 NM 045-315 5000. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DODGE CITY RGNL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE S-35 CAT C VISIBILITY 1/4 MILE. 1609121229-1704241229EST.

HUTCHINSON

Hutchinson Rgnl

FDC 7/8346 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. LOC BC RWY 31, AMDT 14B...DISREGARD GLIDESLOPE INDICATION. 1701262131-1709072131EST.

FDC 6/4357 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. LOC BC RWY 31, AMDT 14C...CHANGE MISSED APPROACH TO READ: CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 3100 DIRECT HUT VOR/DME AND HOLD. NOTE: NIGHT LANDING: RWY 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609191438-1705011438EST.

FDC 6/4354 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. VOR RWY 4, AMDT 19D...TERMINAL ROUTE FROM R-123 HUT VOR/DME CW (IAF) TO HUT R-213/7.00 DME (NO PT) MINIMUM ALT 3100. TERMINAL ROUTE FROM R-287 HUT VOR/DME CCW (IAF) TO HUT R-213/7.00 DME (NO PT) MINIMUM ALT 3100. TERMINAL ROUTE FROM HUT R-213/7.00 DME TO HUT VOR/DME MINIMUM ALT 3100. HOLD-IN-LIEU AND FAF MINIMUM ALT 3100 NOTE: NIGHT LANDING: RWY 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609191437-1705011437EST.

FDC 6/4347 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. VOR/DME RWY 22, AMDT 6B...CHANGE MISSED APPROACH TO READ: CLIMB TO 3100 DIRECT HUT VOR/DME AND HOLD. NOTE: NIGHT LANDING: RWY 22 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609191435-1705011435EST.

FDC 6/4345 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. NDB RWY 13, AMDT 15C...NIGHT LANDING: RWY 22 NA. 1609191434-1705011434EST.

FDC 6/4343 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. RNAV (GPS) RWY 31, AMDT 1C...NIGHT LANDING: RWY 22 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 PROCEDURE NA AT NIGHT. DISREGARD NOTE WHEN VGSI INOP, CIRCLING TO RWY 17 AND 22 NA AT NIGHT. 1609191432-1705011432EST.

FDC 6/4341 HUT IAP HUTCHINSON RGNL, HUTCHINSON, KS. RNAV (GPS) RWY 22, ORIG-B...NIGHT LANDING: RWY 22 NA. DESCENT ANGLE 3.00/TCH 42 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609191430-1705011430EST.

INDEPENDENCE

Independence Muni

FDC 7/2353 IDP IAP INDEPENDENCE MUNI, INDEPENDENCE, KS. ILS OR LOC RWY 35, AMDT 1C...S-LOC 35: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, JEFFE (ID) LOM OUT OF SERVICE. 1701092017-1708212017EST.

KINGMAN

Kingman Airport - Clyde Cessna Field

FDC 6/1372 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. RNAV (GPS) RWY 18, ORIG-A...NOTE: NIGHT LANDING: RWY 11, 18, 29 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 VISUAL SLOPE IS CLEAR. 1609301857-1705121857EST.

FDC 6/0373 9K8 IAP KINGMAN AIRPORT - CLYDE CESSNA FIELD, KINGMAN, KS. VOR/DME RWY 18, AMDT 2...PROCEDURE NA. 1609121610-1704241610EST.

LAWRENCE

Lawrence Muni

FDC 6/3765 LWC IAP LAWRENCE MUNI, LAWRENCE, KS. RNAV (GPS) RWY 15, ORIG-B...RIGHT BASE TAA 329/30 CW 059/30 TO HASES MINIMUM ALTITUDE 3600. REST OF TAA REMAINS AS PUBLISHED. 1610201316-1706011316EST.

LIBERAL

Liberal Mid-America Rgnl

FDC 7/7863 LBL IAP LIBERAL MID-AMERICA RGNL, LIBERAL, KS. ILS OR LOC RWY 35, AMDT 4A...S-LOC 35: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PANCK (LB) LOM OUT OF SERVICE. 1701252036-1702252036EST.

MARYSVILLE

Marysville Muni

FDC 6/1437 MYZ IAP MARYSVILLE MUNI, MARYSVILLE, KS. RNAV (GPS) RWY 16, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1611201958-1707021958EST.

MEADE

Meade Muni

FDC 6/1609 MEJ IAP MEADE MUNI, MEADE, KS. RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...NOTE: DESCENT ANGLE 3.00/40 TCH NA. NOTE: CIRCLING RWYS 8/26 NOT AUTHORIZED. 1611202328-1707022328EST.

NEWTON

Newton-City-County

FDC 6/0535 EWK IAP NEWTON-CITY-COUNTY, NEWTON, KS. ILS OR LOC RWY 17, AMDT 4A...NDB RWY 35, AMDT 3...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...NOTE: NIGHT LANDING RWY 8, 26 NA. 1609121900-1704241900EST.

FDC 6/0531 EWK IAP NEWTON-CITY-COUNTY, NEWTON, KS. VOR/DME-A, AMDT 3...MISSED APPROACH: CLIMBING RIGHT TURN TO 3600 ON ICT R-031 TO CHATE/19.3 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600. NOTE: NIGHT LANDING RWY 8, 26 NA. 1609121859-1704241859EST.

OBERLIN

Oberlin Muni

FDC 6/5428 OIN ODP OBERLIN MUNI, OBERLIN, KS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 17 NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1610241350-1706051350EST.

OTTAWA

Ottawa Muni

FDC 7/0381 OWI IAP OTTAWA MUNI, OTTAWA, KS. RNAV (GPS) RWY 17, AMDT 1A...NOTE: CIRCLING NA TO RWYS 13 AND 31. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701032113-1708152113EST.

FDC 7/0379 OWI IAP OTTAWA MUNI, OTTAWA, KS. RNAV (GPS) RWY 35, AMDT 1A...NOTE: CIRCLING NA TO RWYS 13 AND 31. 1701032111-1708152111EST.

SMITH CENTER

Smith Center Muni

FDC 6/2210 K82 IAP SMITH CENTER MUNI, SMITH CENTER, KS. VOR/DME OR GPS-A, AMDT 2...PROCEDURE NA. 1611031455-1706151455EST.

TOPEKA

Philip Billard Muni

FDC 6/8458 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. RNAV (GPS) RWY 13, AMDT 1A...LPV DA 1083/HAT 203 ALL CATS. LNAV MDA 1300/HAT 420 ALL CATS, CAT C VISIBILITY 3/4 MILE. CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA 519.. 1612072127-1707192126EST.

FDC 6/8456 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. ILS OR LOC RWY 13, AMDT 33...OGASY FIX MINIMUMS CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA 519.. 1612072125-1707192125EST.

FDC 6/1473 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. RNAV (GPS) RWY 22, AMDT 1...CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA 519. CHANGE NOTE: CIRCLING NA AT NIGHT TO RWY 4 TO: NIGHT LANDING RWY 4 NA. 1609301940-1705121940EST.

FDC 6/1472 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. LOC BC RWY 31, AMDT 19B...NOTE: NIGHT LANDING: RWY 4 NA. 1609301940-1705121940EST.

FDC 6/1466 TOP IAP PHILIP BILLARD MUNI, TOPEKA, KS. VOR RWY 22, AMDT 21...CIRCLING CAT A MDA 1360/HAA 479, CAT B MDA 1400/HAA 519. NOTE: NIGHT LANDING: RWY 4 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609301937-1705121936EST.

Topeka Rgnl

FDC 6/2127 FOE IAP U.S. DOD TOPEKA RGNL, TOPEKA, KS. HI - TACAN RWY 31, AMDT 3...CIRCLING CAT D MDA 1700/ HAA 622. 1610181656-1705301656EST.

TRIBUNE

Tribune Muni

FDC 6/4759 5K2 IAP TRIBUNE MUNI, TRIBUNE, KS. RNAV (GPS) RWY 17, ORIG...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1609191839-1705011839EST.

WICHITA

Wichita Dwight D Eisenhower National

FDC 7/8041 ICT IAP WICHITA DWIGHT D EISENHOWER NATIONAL, WICHITA, KS. RNAV (RNP) Z RWY 19R, ORIG-B...RNP 0.30 DA 1747/HAT 417 ALL CATS. CRANE, 1411 MSL, 4454 FT NORTH OF APPROACH END RWY 19R (2016-ACE-2717-OE). 1701261449-1703021449EST.

FDC 7/8040 ICT IAP WICHITA DWIGHT D EISENHOWER NATIONAL, WICHITA, KS. ILS OR LOC RWY 19R, AMDT 5G...SPOIL FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) S-LOC 19R 1720/HAT 390 ALL CATS. VIS CATS A/B/C RVR 4000. INOPERATIVE TABLE DOES NOT APPLY TO CATS C/D/E. CRANE, 1411 MSL, 4454 FT NORTH OF APPROACH END RWY 19R (2016-ACE-2717-OE). 1701261449-1703021449EST.

FDC 6/0016 ICT IAP WICHITA DWIGHT D
EISENHOWER NATIONAL, WICHITA, KS. RNAV (GPS)
Y RWY 19L, AMDT 2...LNAV/VNAV DA 1783/HAT 463
ALL CATS. VIS 1 1/8 ALL CATS. 2 CRANES, UP TO
1445 MSL, 1.06 NM NE OF APPROACH END RWY 19L,
2015-ACE-4367 AND 4371-OE.
1610312115-1706122115EST.

FDC 6/0014 ICT IAP WICHITA DWIGHT D
EISENHOWER NATIONAL, WICHITA, KS. RNAV (RNP)
Z RWY 19L, AMDT 1...RNP 0.30 DA 1797/HAT 477 ALL
CATS. VIS 1 1/8 ALL CATS. 2 CRANES, UP TO 1445
MSL, 1.06 NM NE OF APPROACH END RWY 19L,
2015-ACE-4367 AND 4371-OE.
1610312114-1706122114EST.

WINFIELD/ARKANSAS CITY

Strother Field

FDC 6/9046 WLD IAP STROTHER FIELD,
WINFIELD/ARKANSAS CITY, KS. RNAV (GPS) RWY
35, AMDT 1...PROFILE NOTE: VGSI AND RNAV
GLIDEPATH NOT COINCIDENT.
1611161925-1706281925EST.

KENTUCKY

ASHLAND

Ashland Rgnl

FDC 6/3935 DWU ODP ASHLAND RGNL, ASHLAND,
KY. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 5...TAKE-OFF
MINIMUMS: RWY 10, STANDARD WITH A MINIMUM
CLIMB OF 430 FT. PER NM TO 1300. DEPARTURE
PROCEDURE: RWY 28, CLIMB ON HEADING 283.13
TO 1300 BEFORE PROCEEDING ON COURSE. ALL
OTHER DATA REMAINS AS PUBLISHED.
1610201409-1706011409EST.

BARDSTOWN

Samuels Field

FDC 6/4540 BRY ODP SAMUELS FIELD,
BARDSTOWN, KY. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1.NOTE: RWY 2, RD, FENCE, BEGINNING 3 FT FROM
DER, 250 FT LEFT OF CENTERLINE, UP TO 674 FT
MSL. TREES, BEGINNING 321 FT FROM DER, 394 FT
LEFT OF CENTERLINE, UP TO 68 FT AGL/699 FT MSL.
TREES, BEGINNING 361 FT FROM DER, 365 FT LEFT
OF CENTERLINE, UP TO 63 FT AGL/706 FT MSL.
TREES, BEGINNING 385 FT FROM DER, 367 FT LEFT
OF CENTERLINE, UP TO 84 FT AGL/709 FT MSL.
TREES, BEGINNING 387 FT FROM DER, 373 FT LEFT
OF CENTERLINE, UP TO 86 FT AGL/718 FT MSL.
TREE 437 FT FROM DER, 574 FT RIGHT OF
CENTERLINE, 72 FT AGL/702 FT MSL. TREES,
BEGINNING 446 FT FROM DER, 319 FT LEFT OF
CENTERLINE, UP TO 86 FT AGL/728 FT MSL. TREES,
BEGINNING 470 FT FROM DER, 429 FT RIGHT OF
CENTERLINE, UP TO 85 FT AGL/711 FT MSL. TREES,
BEGINNING 556 FT FROM DER, 417 FT RIGHT OF
CENTERLINE, UP TO 84 FT AGL/713 FT MSL. TREES,
BEGINNING 569 FT FROM DER, 365 FT RIGHT OF
CENTERLINE, UP TO 103 FT AGL/720 FT MSL. TREES,
BEGINNING 722 FT FROM DER, 417 FT RIGHT OF
CENTERLINE, UP TO 94 FT AGL/724 FT MSL. TREES,
BEGINNING 748 FT FROM DER, 405 FT RIGHT OF
CENTERLINE, UP TO 95 FT AGL/729 FT MSL. TREE
2339 FT FROM DER, 372 FT LEFT OF CENTERLINE, 74
FT AGL/733 FT MSL. TREE 2359 FT FROM DER, 319 FT
LEFT OF CENTERLINE, 78 FT AGL/737 FT MSL.
TREES, BEGINNING 3126 FT FROM DER, 799 FT LEFT
OF CENTERLINE, UP TO 92 FT AGL/752 FT MSL.
TREES, BEGINNING 3372 FT FROM DER, 605 FT LEFT
OF CENTERLINE, UP TO 100 FT AGL/758 FT MSL.
NOTE: RWY 20, CATENARY 4 FT FROM DER, 421 FT
LEFT OF CENTERLINE, 28 FT AGL/650 FT MSL. GRD
42 FT FROM DER, 228 FT RIGHT OF CENTERLINE,
639 FT MSL. FENCE 89 FT FROM DER, 247 FT RIGHT
OF CENTERLINE, 6 FT AGL/642 FT MSL. FENCE 107
FT FROM DER, 246 FT RIGHT OF CENTERLINE, 8 FT
AGL/643 FT MSL. CATENARY 121 FT FROM DER, 496
FT LEFT OF CENTERLINE, 35 FT AGL/657 FT MSL. T-L
TWR 251 FT FROM DER, 250 FT LEFT OF
CENTERLINE, 24 FT AGL/647 FT MSL. POLE 254 FT
FROM DER, 251 FT LEFT OF CENTERLINE, 26 FT

FDC 6/4538 BRY IAP SAMUELS FIELD,
BARDSTOWN, KY. VOR/DME-A, ORIG-A...NOTE:
NIGHT LANDING: RWY 2 NA. NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1610202020-1706012020EST.

BOWLING GREEN

Bowling Green-Warren County Rgnl

FDC 7/6637 BWG ODP BOWLING GREEN-WARREN COUNTY RGNL, BOWLING GREEN, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 30, BUILDING BEGINNING 1221 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/567 FT MSL (2013-ASO-10421/10422/10423/10424-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701222121-1709032121EST.

FDC 6/8899 BWG IAP BOWLING GREEN-WARREN COUNTY RGNL, BOWLING GREEN, KY. RNAV (GPS) RWY 21, AMDT 1A...LPV DA NA. LNAV/VNAV DA NA. 1609081711-1704201711EST.

FDC 6/5328 BWG IAP BOWLING GREEN-WARREN COUNTY RGNL, BOWLING GREEN, KY. ILS OR LOC RWY 3, AMDT 1A...ZELUL MINIMUMS: S-LOC 3 MDA 920/HAT 373 ALL CATS. 1612011648-1707131648EST.

COVINGTON

Cincinnati/Northern Kentucky Intl

FDC 7/4234 CVG SID CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. ROCKT EIGHT DEPARTURE (RNAV)...DISREGARD NOTE: DEPARTURE PROCEDURE LIMITED TO AIRCRAFT WITH THE FOLLOWING DESTINATION AIRPORTS AND DEPARTURE TIMES: ANYTIME - ABE, AGC, ALB, AVP, BDL, BKL, BOS, BWI, CAK, CGF, CLE, LNN, LPR, MDT, MHT PHL, PNE PVD, PWM, SWF, TTN, UNV AND OVERSEAS FLIGHTS. LGA BETWEEN 1000-1800 UTC. 1701131752-1708251752EST.

FDC 6/4778 CVG SID CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. BLUEGRASS TWO DEPARTURE...BOWLING GREEN TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED. 1608301925-1704111925EST.

FDC 6/1280 CVG SID CINCINNATI/NORTHERN KENTUCKY INTL, COVINGTON, KY. RHOMM THREE DEPARTURE...CHARLESTON TRANSITION: JODUB TO HVQ VORTAC COURSE 118.47 (HVQ R-298). ALL OTHER DATA REMAINS AS PUBLISHED. 1611201559-1707021559EST.

DANVILLE

Stuart Powell Field

FDC 6/4042 DVK IAP STUART POWELL FIELD, DANVILLE, KY. LOC/DME RWY 30, AMDT 1C...MISSED APPROACH: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 260 DEGREES AND IIR R-131 TO DARBY/IIR 40 DME. 1612201903-1708011859EST.

FDC 6/2787 DVK IAP STUART POWELL FIELD, DANVILLE, KY. LOC/DME RWY 30, AMDT 1C...NDB-A, AMDT 8...NOTE: NIGHT LANDING: RWY 1, 19 NA. 1610041446-1705161446EST.

FDC 6/2785 DVK IAP STUART POWELL FIELD, DANVILLE, KY. RNAV (GPS) RWY 30, ORIG...NOTE: NIGHT LANDING: RWY 1, 19 NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1610041445-1705161445EST.

FDC 6/2783 DVK IAP STUART POWELL FIELD, DANVILLE, KY. RNAV (GPS) RWY 12, ORIG...NOTE: NIGHT LANDING: RWY 1, 19 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610041444-1705161444EST.

ELIZABETHTOWN

Addington Field

FDC 7/4349 EKX IAP ADDINGTON FIELD, ELIZABETHTOWN, KY. LOC RWY 5, ORIG...RNAV (GPS) RWY 5, ORIG...DISREGARD PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 45. PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT:(VGSI 3.50/TCH 54). 1701132211-1708252211EST.

GLASGOW

Glasgow Muni

FDC 7/8845 GLW IAP GLASGOW MUNI, GLASGOW, KY. RNAV (GPS) RWY 8, AMDT 2...CHANGE CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701292124-1709102124EST.

FDC 7/7554 GLW IAP GLASGOW MUNI, GLASGOW, KY. RNAV (GPS) RWY 8, AMDT 2...CHART TDZE 709, DELETE THRE 704. LPV DA 971. LNAV/VNAV DA 1125. LNAV HAT 431 ALL CATS. CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 8, AMDT 2A. 1701251446-PERM.

GREENVILLE

Muhlenberg County

FDC 6/0950 M21 IAP MUHLENBERG COUNTY, GREENVILLE, KY. RNAV (GPS) RWY 24, AMDT 1B...VDA NA. 1611191844-1707011844EST.

HAZARD

Wendell H Ford

FDC 6/7812 CPF IAP WENDELL H FORD, HAZARD, KY. RNAV (GPS) RWY 32, ORIG-B...DELETE: DESCENT ANGLE 3.00/40 PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. DISREGARD NOTE: CIRCLING RWY 24 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 24, 32 NA. 1610121437-1705241437EST.

FDC 6/7810 CPF IAP WENDELL H FORD, HAZARD, KY. LOC/DME RWY 14, ORIG-B...RNAV (GPS) RWY 14, AMDT 1B...VOR/DME RWY 14, AMDT 1C...DISREGARD NOTE: CIRCLING TO RWY 24 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 24, 32 NA. 1610121436-1705241436EST.

HENDERSON

Henderson City-County

FDC 6/1218 EHR IAP HENDERSON CITY-COUNTY, HENDERSON, KY. VOR-A, AMDT 10...CIRCLING CAT D MDA 980/HAA 594. 1610171321-1705291321EST.

FDC 6/1216 EHR IAP HENDERSON CITY-COUNTY, HENDERSON, KY. RNAV (GPS) RWY 27, AMDT 1...RNAV (GPS) RWY 9, AMDT 1...CIRCLING CAT D MDA 980/HAA 593. 1610171320-1705291320EST.

HOPKINSVILLE

Hopkinsville-Christian County

FDC 6/3072 HVC IAP HOPKINSVILLE-CHRISTIAN COUNTY, HOPKINSVILLE, KY. LOC RWY 26, AMDT 4...NDB RWY 26, AMDT 7...CHART NOTE: CIRCLING RWY 8 NA AT NIGHT.. 1608261913-1704071913EST.

FDC 6/3071 HVC IAP HOPKINSVILLE-CHRISTIAN COUNTY, HOPKINSVILLE, KY. RNAV (GPS) RWY 8, ORIG-A...PROCEDURE NA AT NIGHT. 1608261913-1704071913EST.

JACKSON

Julian Carroll

FDC 6/8471 JKL IAP JULIAN CARROLL, JACKSON, KY. VOR/DME RWY 1, AMDT 2A...DELETE DESCENT ANGLE 3.17/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1612072129-1707192129EST.

LEWISPORT

Hancock Co-Ron Lewis Field

FDC 6/0983 KY8 IAP HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 5, AMDT 1A...DESCENT ANGLE 3.00/TCH 35 NA. 1609292036-1705112035EST.

FDC 6/0781 KY8 IAP HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 23, AMDT 1A...LPV DA NA. LNAV/VNAV DA NA. 1611182105-1706302105EST.

LEXINGTON

Saint Joseph Hospital

FDC 7/2169 88KY SPECIAL SAINT JOSEPH HOSPITAL, LEXINGTON, KY. COPTER RNAV 004, ORIG...PROCEDURE NA. 1702072255-1709192255EST.

FDC 6/2663 88KY IAP SAINT JOSEPH HOSPITAL, LEXINGTON, KY. (SPECIAL) COPTER RNAV 184 DEPARTURE ORIG...PROCEDURE NA. 1611031848-1706151848EST.

Uk Hospital

FDC 6/4709 37KY IAP UK HOSPITAL, LEXINGTON, KY. (SPECIAL) COPTER RNAV 004 ORIG...(SPECIAL) COPTER RNAV 184 ORIG...PROCEDURE NA 1609191808-1705011808EST.

LOUISVILLE

Bowman Field

FDC 6/3048 LOU IAP BOWMAN FIELD, LOUISVILLE, KY. NDB RWY 33, AMDT 16A...RNAV (GPS) RWY 33, ORIG-A...NOTE: RWY 33 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 15 NA AT NIGHT. 1610191653-1705311653EST.

Louisville Intl-Standiford Field

FDC 6/6557 SDF ODP LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 35L, ROLLER COASTER 2946 FT FROM DER, 239 FT RIGHT OF CENTERLINE, 100 FT AGL/571 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610111216-1705231216EST.

FDC 6/4180 SDF STAR LOUISVILLE INTL STANDIFORD FIELD, LOUISVILLE, KY. DARBY FOUR ARRIVAL DME OR RNAV REQUIRED FOR LOZ AND UNCKL TRANSITIONS, BWG VORTAC 066 RADIAL UNUSABLE BELOW FL230 UFA. 1603101411-2003101400.

FDC 6/1344 SDF IAP LOUISVILLE
INTL-STANDIFORD FIELD, LOUISVILLE, KY. RNAV
(RNP) Z RWY 17R, ORIG-B...RNP 0.30 DA 974/HAT 489,
VIS RVR 6000 ALL CATS. 1609301835-1705121833EST.

FDC 5/9401 SDF IAP LOUISVILLE
INTL-STANDIFORD FIELD, LOUISVILLE, KY. ILS OR
LOC RWY 35R, AMDT 4D...HOSTO FIX MINIMUMS
(DUAL VOR RECEIVERS OR DME OR RADAR
REQUIRED): S-ILS 35R MDA 920/HAT440. 4
TEMPORARY CRANES 601 MSL BEGINNING 2.43 NM
TO 2.5 NM SOUTH OF RWY 35R.,
1512181339-1607291339EST.

MAYFIELD

Mayfield Graves County

FDC 6/4111 M25 IAP MAYFIELD GRAVES COUNTY,
MAYFIELD, KY. VOR/DME-A, AMDT 8...CIRCLING
RWY 1 NA AT NIGHT. 1612202131-1708012131EST.

MIDDLESBORO

Arh

FDC 7/1796 65KY SPECIAL ARH, MIDDLESBORO,
KY. COPTER RNAV (GPS) 255, AMDT 1...H-255 MDA
2000/HAS 701. 1701061634-1708181634EST.

FDC 6/6901 65KY SPECIAL ARH, MIDDLESBORO,
KY. COPTER RNAV (GPS) 075 DEPARTURE (PILOT
NAV)...PROCEDURE NA. 1611122320-1706242320EST.

Middlesboro-Bell County

FDC 6/8638 1A6 IAP MIDDLESBORO-BELL COUNTY,
MIDDLESBORO, KY. TAKEOFF MINIMUMS AND
OBSTACLE DEPARTURE PROCEDURES (ODP),
ORIG...RWY 10, STANDARD WITH MINIMUM CLIMB
OF 736 FEET PER NM TO 3500 NA. ALL OTHER DATA
REMAINS AS PUBLISHED.
1612072234-1707192234EST.

RUSSELLVILLE

Russellville-Logan County

FDC 7/6641 4M7 IAP RUSSELLVILLE-LOGAN
COUNTY, RUSSELLVILLE, KY. RNAV (GPS) RWY 6,
ORIG-A...PROCEDURE NA
1701222125-1709032125EST.

FDC 7/6579 4M7 IAP RUSSELLVILLE-LOGAN
COUNTY, RUSSELLVILLE, KY. RNAV (GPS) RWY 6,
ORIG-A...NOTE: VGSI AND RNAV GLIDEPATH NOT
COINCIDENT (VGSI ANGLE 3.00/TCH 39)
1701222041-1709032041EST.

SPRINGFIELD

Lebanon Springfield-George Hoerter Field

FDC 6/9946 6I2 IAP LEBANON
SPRINGFIELD-GEORGE HOERTER FIELD,
SPRINGFIELD, KY. RNAV (GPS) RWY 11, AMDT
1...DESCENT ANGLE 3.00/TCH 36 NA..
1610141305-1705261305EST.

TOMPKINSVILLE

Tompkinsville-Monroe County

FDC 6/6867 TZV IAP TOMPKINSVILLE-MONROE
COUNTY, TOMPKINSVILLE, KY. RNAV (GPS) RWY 4,
AMDT 1B...LNAV MDA 1600/HAT 566 ALL CATS.
VISIBILITY CAT C 1 3/4. CIRCLING MDA 1680/HAA
644, VISIBILITY CAT C 1 3/4. DISREGARD AWOS-AV
CHARTED AS 123.050. CHANGE ALTIMETER
SETTING NOTE TO READ: USE GLASGOW
ALTIMETER SETTING, WHEN NOT RECEIVED,
PROCEDURE NA. CHANGE STRAIGHT-IN AND
CIRCLING RWY 4 PROCEDURE NA AT NIGHT NOTE
TO READ: NIGHT LANDING: RWY 4 NA. TERMINAL
ROUTE LVT VORTAC TO UCASO (IF/IAF) MINIMUM
ALTITUDE 4000. TERMINAL ROUTE GARVY (IAF) TO
UCASO (IF) MINIMUM ALTITUDE 4000 NOPT.
TERMINAL ROUTE HARME (IAF) TO UCASO (IF)
MINIMUM ALTITUDE 4000 NOPT. MINIMUM
ALTITUDE/HOLDING AT UCASO (IF/IAF) 4000.
MISSED APPROACH: CLIMB TO 4000 DIRECT CAVAS
AND HOLD. CHART GLASGOW AWOS.
1610111606-1705231606EST.

FDC 6/6861 TZV IAP TOMPKINSVILLE-MONROE
COUNTY, TOMPKINSVILLE, KY. RNAV (GPS) RWY
22, AMDT 1B...LPV DA 1385 DA/HAT 349, VISIBILITY
CATS A/B/C 1 1/4. LNAV/VNAV DA CATS A/B/C
1593/HAT 557, VISIBILITY CATS A-C 2. LNAV MDA
CATS A/B/C 1620 /HAT 584, VISIBILITY CAT C 1 3/4.
CIRCLING MDA CATS A/B/C 1680/HAA 644,
VISIBILITY CAT C 1 3/4. TERMINAL ROUTE CENUD
(IAF) TO CAVAS (IF) 4000 NOPT. MINIMUM
ALTITUDE/HOLDING AT CAVAS (IF/IAF) 4000.
MISSED APPROACH: CLIMB TO 4000 DIRECT UCASO
AND HOLD. DISREGARD NOTE: BARO-VNAV NA
WHEN USING GLASGOW ALTIMETER SETTING.
DISREGARD FOR UNCOMPENSATED BARO-VNAV
SYSTEMS, PROCEDURE NA NOTE. CHANGE
ALTIMETER SETTING NOTE TO READ: USE
GLASGOW ALTIMETER SETTING, WHEN NOT
RECEIVED, PROCEDURE NA. NOTE: BARO-VNAV
NA. CHANGE CIRCLING TO RWY 4 NA AT NIGHT
NOTE TO READ: NIGHT LANDING: RWY 4 NA.
DISREGARD AWOS-AV CHARTED AS 123.050. VDP
NA. DESCENT ANGLE 3.00/TCH 30 NA. CHART
GLASGOW AWOS. 1610111605-1705231605EST.

WHITESBURG

Appalachian Rgnl Hospital

FDC 6/4069 51KY SPECIAL APPALACHIAN RGNL HOSPITAL, WHITESBURG, KY. COPTER RNAV 312 DEPARTURE ORIG...PROCEDURE NA. 1611291844-1707111842EST.

LOUISIANA

ABBEVILLE

Abbeville Chris Crusta Memorial

FDC 6/4166 IYA IAP ABBEVILLE CHRIS CRUSTA MEMORIAL, ABBEVILLE, LA. RNAV (GPS) RWY 34, AMDT 1A...LPV AND LNAV/VNAV NA. 1612202221-1708012221EST.

AMELIA

Lake Palourde Base

FDC 6/2603 7LS3 SPECIAL LAKE PALOURDE BASE, AMELIA, LA. COPTER RNAV (GPS) 092, ORIG...H-092 MDA 740/HAT 733. VISIBILITY 1. HARRY P. WILLIAMS MEMORIAL ALTIMETER SETTING MINIMUMS: H-92 MDA 780/HAT 773, VISIBILITY 1. 1611031809-1706151809EST.

BATON ROUGE

Baton Rouge Metropolitan, Ryan Field

FDC 6/5168 BTR IAP BATON ROUGE METROPOLITAN, RYAN FIELD, BATON ROUGE, LA. RADAR 1, AMDT 11...ASR RWY 13 MINIMUMS NA. 1612272212-1708082212EST.

BOGALUSA

George R Carr Memorial Air Fld

FDC 7/7312 BXA IAP GEORGE R CARR MEMORIAL AIR FLD, BOGALUSA, LA. VOR/DME-A, AMDT 4...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701242149-1709052148EST.

BOOTHVILLE

Boothville

FDC 6/6698 LS08 SPECIAL BOOTHVILLE, BOOTHVILLE, LA. COPTER RNAV (GPS) 116, ORIG...COPTER RNAV (GPS) 331, ORIG...IFR DEPARTURE NA. 1610111415-1705231415EST.

CAMERON

Cage Dock

FDC 6/2206 LA78 SPECIAL CAGC DOCK, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1611031453-1706151453EST.

Era Helicopters Cameron Base

FDC 6/1737 24LA SPECIAL ERA HELICOPTERS CAMERON BASE, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...PROCEDURE NA. 1610031224-1705151224EST.

Evergreen

FDC 7/4328 13LA SPECIAL EVERGREEN, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1701132158-1708252158EST.

FDC 6/2208 13LA SPECIAL EVERGREEN, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1611031454-1706151454EST.

FDC 5/0250 13LA SPECIAL EVERGREEN, CAMERON, LA. COPTER GPS 087, ORIG...COPTER GPS 182, ORIG...COPTER GPS 357, ORIG...COPTER RNAV (GPS) 177, AMDT 1...IFR DEPARTURE NA. 1512212034-1608012034EST.

Petroleum Helicopters Cameron

FDC 6/2198 7LA5 SPECIAL PETROLEUM HELICOPTERS CAMERON, CAMERON, LA. COPTER GPS 357, ORIG...H-357 MDA 820/HAS 816. LAKE CHARLES ALTIMETER SETTING: MDA 860/HAS 856. 1611031451-1706151451EST.

DE RIDDER

Beauregard Rgnl

FDC 6/4164 DRI ODP BEAUREGARD RGNL, DE RIDDER, LA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS: RWY 32, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 211 FT PER NM TO 600. NOTE: RWY 32, TOWER 1.8NM FROM DER, 1400 FEET RIGHT OF CENTERLINE, 275 FEET AGL/479 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612202219-1708012219EST.

EUNICE

Eunice

FDC 6/3053 4R7 IAP EUNICE, EUNICE, LA. RNAV (GPS) RWY 34, ORIG...DESCENT ANGLE 3.00/TCH 45 NA. 1610191654-1705311654EST.

GONZALES

Louisiana Rgnl

FDC 6/6233 L38 IAP LOUISIANA RGNL, GONZALES, LA. VOR/DME-A, AMDT 2A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610100140-1705220140EST.

GRAND ISLE

Era Helicopters Fourchon Helibase

FDC 7/4530 09LA SPECIAL ERA HELICOPTERS FOURCHON HELIBASE, GRAND ISLE, LA. COPTER VOR/DME 094, AMDT 2...COPTER VOR/DME 274, AMDT 3...IFR DEPARTURE NA. 1701142005-1708262005EST.

Exxon

FDC 7/2095 0LA7 SPECIAL EXXON, GRAND ISLE, LA. COPTER GPS 117, ORIG...COPTER GPS 297, ORIG...IFR DEPARTURE NA. 1702072140-1709192140EST.

INTRACOASTAL CITY

Bristow (Intracoastal City)

FDC 6/2618 LA09 IAP BRISTOW (INTRACOASTAL CITY), INTRACOASTAL CITY, LA. COPTER GPS 299, ORIG...COPTER GPS 119, ORIG...COPTER RNAV (GPS) 180, AMDT 1...COPTER RNAV (GPS) 274, AMDT 1...IFR DEPARTURE NA. 1609151428-1704271428EST.

Chevron Intracoastal

FDC 6/4527 1LA9 SPECIAL CHEVRON INTRACOASTAL, INTRACOASTAL CITY, LA. COPTER GPS 119, ORIG...PROCEDURE NA. 1610202010-1706012010EST.

FDC 6/4522 1LA9 SPECIAL CHEVRON INTRACOASTAL, INTRACOASTAL CITY, LA. COPTER GPS 299, ORIG...IFR DEPARTURE NA. 1610202007-1706012007EST.

LAFAYETTE

Lafayette Rgnl/Paul Fournet Field

FDC 7/2387 LFT IAP LAFAYETTE RGNL/PAUL FOURNET FIELD, LAFAYETTE, LA. RNAV (GPS) RWY 4R, AMDT 1B...LPV DA 316/HAT277 ALL CATS, VISIBILITY ALL CATS 7/8. LNAV/VNAV DA 512/HAT 473 ALL CATS, VISIBILITY ALL CATS 1 5/8. 1701092037-1708212037EST.

FDC 7/2386 LFT IAP LAFAYETTE RGNL/PAUL FOURNET FIELD, LAFAYETTE, LA. ILS OR LOC/DME RWY 4R, AMDT 2C...S-ILS 4R DA 316/HAT 277 ALL CATS, VISIBILITY ALL CATS 7/8. CHANGE INOP NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACADIANA RGNL ALTIMETER SETTING AND INCREASE ALL DA 29 FEET, ALL MDA 40 FEET, AND INCREASE ALL VISIBILITIES 1/8 MILE. DISREGARD NOTE: INCREASE S-ILS 4R ALL CATS VISIBILITY 1/8 MILE. 1701092037-1708212037EST.

LAKE CHARLES

Lake Charles Rgnl

FDC 6/3862 LCH IAP LAKE CHARLES RGNL, LAKE CHARLES, LA. ILS OR LOC RWY 15, AMDT 22...DISREGARD NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. 1609161908-1704281908EST.

LEESVILLE

Leesville

FDC 6/0964 L39 IAP LEESVILLE, LEESVILLE, LA. NDB RWY 36, AMDT 2A...TIMING TABLE KNOTS/TIME: 60/3:36; 90/2:24; 120/1:48; 150/1:26; 180/1:12. 1611191857-1707011857EST.

LEEVILLE

Chevron Usa Inc

FDC 6/4535 4LA4 SPECIAL CHEVRON USA INC, LEEVILLE, LA. COPTER VOR/DME 094, AMDT 2...COPTER VOR/DME 274, AMDT 3...IFR DEPARTURE NA. 1610202019-1706012019EST.

FDC 6/4530 4LA4 SPECIAL CHEVRON USA INC, LEEVILLE, LA. COPTER GPS 359, ORIG...PROCEDURE NA. 1610202012-1706012012EST.

FDC 6/1298 9LA3 SPECIAL, LEEVILLE, LA. COPTER RNAV (GPS) 180, AMDT 1...COPTER RNAV (GPS) 274, AMDT 1...PROCEDURE NA. IFR DEPARTURE NA. 1611021501-1706141501EST.

MINDEN

Minden

FDC 6/1840 MNE IAP MINDEN, MINDEN, LA. RNAV (GPS) RWY 19, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. 1610031338-1705151337EST.

MONROE

Monroe Rgnl

FDC 6/4628 MLU IAP MONROE RGNL, MONROE, LA. VOR RWY 22, AMDT 5A...VOR/DME RWY 22, AMDT 9A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: NIGHT LANDING: RWY 14 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609191746-1705011746EST.

FDC 6/4623 MLU IAP MONROE RGNL, MONROE, LA. ILS OR LOC RWY 22, AMDT 4A...ILS OR LOC RWY 4, AMDT 23A...RADAR 1, AMDT 7...RNAV (GPS) RWY 22, AMDT 1A...RNAV (GPS) RWY 32, ORIG-B...RNAV (GPS) RWY 4, AMDT 1A...VOR RWY 4, AMDT 18A...NOTE: NIGHT LANDING: RWY 14 NA. 1609191738-1705011738EST.

MORGAN CITY

Texaco

FDC 6/1734 9LA4 SPECIAL TEXACO, MORGAN CITY, LA. COPTER GPS 016, ORIG...COPTER GPS 196, ORIG...COPTER GPS 285, ORIG...COPTER RNAV (GPS) 092, ORIG...PROCEDURE NA. 1610031222-1705151222EST.

NEW IBERIA

Acadiana Rgnl

FDC 6/4135 ARA IAP ACADIANA RGNL, NEW IBERIA, LA. VOR OR TACAN RWY 16, AMDT 1B...RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1612202156-1708012156EST.

FDC 6/4132 ARA IAP ACADIANA RGNL, NEW IBERIA, LA. VOR/DME RWY 34, AMDT 1D...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1612202142-1708012142EST.

NEW ORLEANS

Louis Armstrong New Orleans Intl

FDC 7/4767 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. LOC RWY 20, AMDT 3...SHORE FIX MINIMUMS S-20 MDA 500/HAT 501 ALL CATS. VIS CATS C/D 1 1/4. CIRCLING CAT B MDA 560/HAA 556. VDP AT 1.23 DME; DISTANCE VDP TO THLD 1.40 MILES. S-20 CRANES, UP TO 207 MSL, 3739 FT SW OF APPROACH END RWY 20, 2016-ASW-1437 THRU 1440-NRA, CIRCLING CAT B CRANES, UP TO 244 MSL, 1.91 NM SOUTH OF MSY, 2015-ASW-4345-OE AND 2014-ASW-8618-OE. 1701171323-1707171323EST.

FDC 7/3995 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. VOR/DME RWY 11, AMDT 1A...TERMINAL ROUTE TBD VORDME TO H1VAP INT: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701122310-1708242310EST.

FDC 7/3976 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. VOR/DME RWY 11, AMDT 1A...ALTERNATE MINIMUMS NA, LEV VORTAC UNMONITORED. 1701122253-1708242253EST.

FDC 6/3827 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (GPS) Y RWY 29, AMDT 4...LPV DA 292/HAT 290 ALL CATS. 9 CRANES, UP TO 135 MSL, WITHIN 3487 FT NORTH AND WEST OF APPROACH END RWY 29, 2015-ASW-6202 THRU 6210-NRA. 1609161823-1704281823EST.

FDC 6/3826 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS OR LOC RWY 29, AMDT 10...S-ILS 29 DA 292/HAT 290 ALL CATS. KENLE FIX MINIMUMS NA. 9 CRANES, UP TO 135 MSL, WITHIN 3487 FT NORTH AND WEST OF APPROACH END RWY 29, 2015-ASW-6202 THRU 6210-NRA. 1609161823-1704281823EST.

FDC 6/3098 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (RNP) Z RWY 11, AMDT 1A...RNP 0.14 DA 351/HAT 347 ALL CATS. VIS RVR 3000 ALL CATS. RNP 0.30 DA 390/HAT 386 ALL CATS. FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/4 MILES. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 2 TEMPORARY CRANES, 1421 FT NE OF APPROACH END RWY 11, 178 MSL, 2015-ASW-6333, 6334-NRA. 1608121351-1703241351EST.

FDC 6/3043 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RNAV (GPS) Y RWY 11, AMDT 2A...LPV DA 301/HAT 297 ALL CATS. LNAV/VNAV DA 389/HAT 385 ALL CATS. VIS RVR 4000 ALL CATS. LNAV MDA 500/HAT 496 ALL CATS. VIS CAT C/D RVR 5000. FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILES. DISREGARD WEKTA FIX. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 2 TEMPORARY CRANES, 1421 FT NE OF APPROACH END RWY 11, 178 MSL, 2015-ASW-6333, 6334-NRA. 1608121249-1703241249EST.

FDC 6/3042 MSY IAP LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS OR LOC RWY 11, AMDT 3A...S-ILS 11 DA 291/HAT 287 ALL CATS. WENUP FIX MINIMUMS NA EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 2 TEMPORARY CRANES, 1421 FT NE OF APPROACH END RWY 11, 178 MSL, 2015-ASW-6333, 6334-NRA. 1608121249-1703241249EST.

OPELOUSAS

St Landry Parish-Ahart Field

FDC 6/4395 OPL IAP ST LANDRY PARISH-AHART FIELD, OPELOUSAS, LA. VOR/DME RWY 36, AMDT 1...NOTE: NIGHT LANDING: RWY 6, 24 NA. 1610201736-1706011736EST.

FDC 6/4128 OPL IAP ST LANDRY PARISH-AHART FIELD, OPELOUSAS, LA. VOR/DME RWY 36, AMDT 1...PROCEDURE NA. 1612202139-1708012139EST.

PATTERSON

Harry P Williams Memorial

FDC 6/1424 PTN ODP HARRY P WILLIAMS MEMORIAL, PATTERSON, LA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...CHANGE RWY 6 TAKEOFF OBSTACLE NOTES TO RWY 24 OBSTACLES. CHANGE RWY 24 TAKEOFF OBSTACLE NOTES TO RWY 6 OBSTACLES. 1611201949-1707021949EST.

SLIDELL

Slidell

FDC 6/1474 ASD IAP SLIDELL, SLIDELL, LA. RNAV (GPS) RWY 36, ORIG-C...WHEN R-4403 AREAS B AND C ARE ACTIVE, TERMINAL ROUTE PCU VOR/DME TO DUFOS NA. 1611202017-1707022017EST.

SPRINGHILL

Springhill

FDC 6/6250 SPH IAP SPRINGHILL, SPRINGHILL, LA. RNAV (GPS) RWY 36, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. 1610100148-1705220148EST.

VENICE

Chevron Usa Inc

FDC 6/2616 8LA1 IAP CHEVRON USA INC, VENICE, LA. COPTER GPS 146, ORIG...COPTER GPS 326, ORIG...IFR DEPARTURE NA. 1609151428-1704271428EST.

Conoco Inc Venice

FDC 6/2622 8LA4 SPECIAL CONOCO INC VENICE, VENICE, LA. COPTER GPS 146, ORIG...IFR DEPARTURE NA. 1609151428-1704271428EST.

Phi Venice Heliport

FDC 6/3631 7LS1 SPECIAL PHI VENICE HELIPORT, VENICE, LA. COPTER GPS 326, ORIG...COPTER GPS 146, ORIG...IFR DEPARTURE NA. 1610201205-1706011205EST.

MAINE

AUGUSTA

Augusta State

FDC 6/6553 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS)-B, ORIG-B...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN-LEWISTON ALTIMETER SETTING AND INCREASE ALL MDAS 80FT, AND INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 MILE. NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610111213-1705231213EST.

FDC 6/6341 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS) RWY 35, ORIG-A...CHANGE NOTE TO READ: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN-LEWISTON ALTIMETER SETTING AND INCREASE ALL DAS 71 FT AND ALL MDAS 80 FT, AND INCREASE LPV AND LNAV/VNAV ALL CATS, AND LNAV CATS C AND D, AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. NOTES: NIGHT LANDING: RWY 26, 35 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1610100251-1705220250EST.

FDC 6/2765 AUG IAP AUGUSTA STATE, AUGUSTA, ME. ILS OR LOC RWY 17, AMDT 3...NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610041440-1705161440EST.

FDC 6/2755 AUG IAP AUGUSTA STATE, AUGUSTA, ME. VOR/DME RWY 8, AMDT 12...NOTE: NIGHT LANDING: RWY 26 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610041439-1705161438EST.

FDC 6/2371 AUG IAP AUGUSTA STATE, AUGUSTA, ME. RNAV (GPS) RWY 8, AMDT 1...DESCENT ANGLE 3.00/TCH 40 NA. 1610041210-1705161210EST.

BANGOR

Eastern Maine Medical Center

FDC 6/1118 ME02 SPECIAL EASTERN MAINE MEDICAL CENTER, BANGOR, ME. COPTER RNAV (GPS) 331, ORIG...PROCEED VFR FROM ZOGLI OR CONDUCT THE SPECIFIED MISSED APPROACH. 1612131800-1707251800.

BAR HARBOR

Hancock County-Bar Harbor

FDC 6/3520 BHB IAP HANCOCK COUNTY-BAR HARBOR, BAR HARBOR, ME. ILS OR LOC RWY 22, AMDT 6B...NOTE: DME OR RADAR REQUIRED. CHANGE DME REQUIRED PLANVIEW NOTE TO READ: DME OR RADAR REQUIRED. DISREGARD BGR VORTAC R-144 AT CDLAC INT/I-BHB 7.1 DME. CHANGE CDLAC INT/I-BHB 7.1 DME TO READ: CDLAC/I-BHB 7.1 DME. 1610192236-1705312236EST.

BIDDEFORD

Biddeford Muni

FDC 6/8893 B19 IAP BIDDEFORD MUNI, BIDDEFORD, ME. RNAV (GPS) RWY 6, ORIG...VOR RWY 6, ORIG-A...PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610131335-1705251335EST.

BLUE HILL

Blue Hill Memorial Hospital

FDC 6/4421 ME15 SPECIAL BLUE HILL MEMORIAL HOSPITAL, BLUE HILL, ME. COPTER RNAV (GPS) 352, ORIG...PROCEDURE NA. 1610201749-1706011749EST.

BOOTHBAY

St Andrews Hospital Heliport

FDC 6/9849 ME97 IAP ST ANDREWS HOSPITAL HELIPORT, BOOTHBAY, ME. COPTER RNAV (GPS) 320, ORIG...PROCEDURE NA. 1610311914-1706121914EST.

BRUNSWICK

Brunswick Executive

FDC 6/1763 BXM IAP BRUNSWICK EXECUTIVE, BRUNSWICK, ME. RNAV (GPS) RWY 19L, AMDT 1A...RNAV / VNAV DA 359 / HAT 285, VIS 7/8 SM ALL CATS. LNAV MDA 560 / HAT 386 ALL CATS, VIS CATS A/B 1, CATS C/D 1 1/8. DISREGARD NOTE: WHEN VGS1 INOP, CIRCLING RWY 1L NA AT NIGHT. DISREGARD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTLAND ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET AND INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE. DISREGARD NOTE: FOR INOP ALSF-1, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8, LNAV CATS A AND B VISIBILITY TO 1 AND LNAV CATS C AND D VISIBILITY TO 1 1/8. DISREGARD NOTE: FOR INOP ALSF-1 WHEN USING PORTLAND ALTIMETER SETTING INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 AND LNAV CATS A AND B VISIBILITY TO 1. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTLAND ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET AND INCREASE LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV CATS A/B VISIBILITY TO 1 MILE, CATS C/D VISIBILITY TO 1 3/8 MILE. 1611022028-1706142028EST.

CHEBEAGUE ISLAND

Chebeague Island

FDC 6/6893 ME21 SPECIAL CHEBEAGUE ISLAND, CHEBEAGUE ISLAND, ME. COPTER RNAV (GPS) 158 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA 1611122316-1706242316EST.

FDC 6/0648 ME21 SPECIAL CHEBEAGUE ISLAND, CHEBEAGUE, ME. COPTER RNAV (GPS) 158 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA 1610141800-1705261800.

CRANBERRY ISLES

Cranberry Isles

FDC 6/0649 ME77 SPECIAL CRANBERRY ISLES, CRANBERRY ISLES, ME. COPTER RNAV (GPS) 129 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA 1610141800-1705261800.

DEXTER

Dexter Rgnl

FDC 7/1488 1B0 IAP DEXTER RGNL, DEXTER, ME. RNAV (GPS) RWY 34, ORIG...LP HAT CATS A/B 454. LNAV HAT CATS A/B 614. CHART TDZE 526, DELETE THRE 524. CHART NOTE: RWY 16, 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: CIRCLING NA TO RWYS 7 AND 25. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1702062107-PERM.

FDC 7/1487 1B0 IAP DEXTER RGNL, DEXTER, ME. RNAV (GPS) RWY 16, ORIG...LP HAT CATS A/B 734. LNAV HAT CATS A/B 774. CHART TDZE 526, DELETE THRE 521. CHART NOTE: RWY 16, 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: CIRCLING NA TO RWYS 7 AND 25. THIS IS RNAV (GPS) RWY 16, ORIG-A. 1702062107-PERM.

DOVER-FOXCROFT

Mayo Rgnl Hospital

FDC 7/1785 ME43 SPECIAL MAYO RGNL HOSPITAL, DOVER-FOXCROFT, ME. COPTER RNAV (GPS) 120, ORIG...TERMINAL ROUTE CAPDA (IAF) TO CUDAL (IF) 3000. TERMINAL ROUTE COTEK (IAF) TO CUDAL (IF) 3000. MISSED APPROACH: CLIMBING LEFT TURN TO 3000 DIRECT ZOBOV AND HOLD. 1701061623-1708181623EST.

EASTPORT

Eastport Muni

FDC 6/7782 EPM IAP EASTPORT MUNI, EASTPORT, ME. RNAV (GPS) RWY 33, ORIG-A...DISREGARD NOTES: PROCEDURE NA AT NIGHT. VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DESCENT ANGLE 3.32/TCH 40 NA. 1612071328-1707191324EST.

FDC 6/7779 EPM IAP EASTPORT MUNI, EASTPORT, ME. NDB RWY 33, AMDT 1A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612071322-1707191320EST.

ELIOT

Littlebrook Air Park

FDC 6/8889 3B4 IAP LITTLEBROOK AIR PARK, ELIOT, ME. VOR-A, AMDT 2...PROCEDURE NA. 1610131331-1705251331EST.

FRYEBURG

Eastern Slopes Rgnl

FDC 7/3991 IZG IAP EASTERN SLOPES RGNL, FRYEBURG, ME. RNAV (GPS) RWY 32, AMDT 1...NIGHT LANDING RWY 14 NA.. 1701122306-1708242305EST.

GREENVILLE

Greenville Muni

FDC 6/1455 3B1 ODP GREENVILLE MUNI, GREENVILLE, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 14, STANDARD WITH MINIMUM CLIMB OF 249 FT PER NM TO 3400. RWY 32, 700-2 OR STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 2300. NOTE: RWY 32, TOWER 70 FT FROM DER, 338 FT RIGHT OF CENTERLINE, 42 FT AGL/1422 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202006-1707022006EST.

ISLE AU HAUT

Isle Au Haut

FDC 6/0660 99ME SPECIAL ISLE AU HAUT, ISLE AU HAUT, ME. COPTER RNAV (GPS) 036 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA 1610141800-1705261800.

ISLESBORO

Islesboro

FDC 7/1525 57B SPECIAL ISLESBORO HELIPORT, ISLESBORO, ME. COPTER RNAV (GPS) 010 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

JACKMAN

Newton Field

FDC 6/6910 59B SPECIAL NEWTON FIELD, JACKMAN, ME. COPTER RNAV (GPS) 105 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA. 1611122343-1706242325EST.

LINCOLN

Lincoln Rgnl

FDC 6/3490 LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 17, ORIG-A...DESCENT ANGLE 3.04/TCH 40 NA. 1610192211-1705312211EST.

FDC 6/3485 LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 35, AMDT 1...DESCENT ANGLE 3.00/TCH 40 NA. 1610192205-1705312205EST.

LONG ISLAND

Long Island

FDC 6/0662 ME98 SPECIAL LONG ISLAND, LONG ISLAND, ME. COPTER RNAV (GPS) 306, ORIG...IFR DEPARTURE NA 1610141800-1705261800.

MACHIAS

Down East Community Hospital

FDC 7/1528 ME52 SPECIAL DOWNEAST COMMUNITY HOSPITAL, MACHIAS, ME. COPTER RNAV (GPS) 030 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

MATINICUS ISLAND

Matinicus Island

FDC 7/1522 35ME SPECIAL MATINICUS ISLAND AIRPORT, MATINICUS ISLAND, ME. COPTER RNAV (GPS) 358 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

MONHEGAN

Monhegan Island

FDC 6/0669 ME78 SPECIAL MONHEGAN ISLAND, MONHEGAN, ME. COPTER RNAV (GPS) 016 DEPARTURE (PILOT NAV), ORIG...PROCEDURE NA 1610141800-1705261800.

MONHEGAN ISLAND

Monhegan Island

FDC 6/3925 ME78 SPECIAL MONHEGAN ISLAND, MONHEGAN ISLAND, ME. COPTER RNAV (GPS) 196, ORIG...PROCEDURE NA. 1610201406-1706011406EST.

NORRIDGEWOCK

Central Maine Arpt Of Norridgewock

FDC 6/4749 OWK ODP CENTRAL MAINE ARPT OF NORRIDGEWOCK, NORRIDGEWOCK, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKE-OFF MINIMUMS RWY 15: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1200 OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. TAKE-OFF MINIMUMS RWY 21: 700-3 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1100 OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1609191829-1705011829EST.

FDC 6/1592 OWK IAP CENTRAL MAINE ARPT OF NORRIDGEWOCK, NORRIDGEWOCK, ME. RNAV (GPS) RWY 15, ORIG-A...NOTE: CIRCLING RWY 33 NA AT NIGHT. 1611202314-1707022314EST.

OLD TOWN

Dewitt Fld, Old Town Muni

FDC 6/3721 OLD ODP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 4,12, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201252-1706011252EST.

FDC 6/3684 OLD IAP DEWITT FLD, OLD TOWN MUNI, OLD TOWN, ME. RNAV (GPS) RWY 22, ORIG-A...VOR/DME RWY 22, AMDT 5B...STRAIGHT-IN AND CIRCLING TO RWY 22 AND CIRCLING TO RWY 30 NA. 1610201236-1706011236EST.

PITTSFIELD

Pittsfield Muni

FDC 6/7691 2B7 IAP PITTSFIELD MUNI, PITTSFIELD, ME. NDB RWY 36, AMDT 4D...MSA FROM BUP NDB 25 NM 135-315 3100, 315-135 3200. WIND TURBINE 2028 MSL 28.22 NM NW OF BUP NDB (2015-WTE-5425-OE). WIND TURBINE 2106 MSL 28.62 NM NW OF BUP NDB (2015-WTE-5438-OE). 1610121334-1705241322EST.

FDC 6/0717 2B7 IAP PITTSFIELD MUNI, PITTSFIELD, ME. RNAV (GPS) RWY 18, ORIG-C...MSA RW18 25 NM 3300. WIND TURBINE 2260 MSL 25.99 NM NW OF RWY 18 (2016-WTE-6757-OE). 1612121856-1707241855EST.

PORTLAND

Portland Intl Jetport

FDC 7/0385 PWM SID PORTLAND INTL JETPORT, PORTLAND, ME. HSKEL TWO DEPARTURE (RNAV)...NUBLE THREE DEPARTURE (RNAV)...NOTE: TOP ALTITUDE 3000. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032117-1708152117EST.

PRESQUE ISLE

Northern Maine Rgnl Arpt At Presque Is

FDC 7/4007 PQI IAP NORTHERN MAINE RGNL ARPT AT PRESQUE IS, PRESQUE ISLE, ME. ILS OR LOC RWY 1, AMDT 6...CIRCLING CAT A MDA 1140/HAA 606. HATEN FIX MINIMUM CIRCLING CAT A MDA 1140/HAA 606. 1701122318-1708242318EST.

FDC 7/3997 PQI IAP NORTHERN MAINE RGNL ARPT AT PRESQUE IS, PRESQUE ISLE, ME. RNAV (GPS) RWY 1, AMDT 1...CIRCLING CAT A MDA 1140/HAA 606. 1701122313-1708242313EST.

FDC 7/3993 PQI ODP NORTHERN MAINE RGNL ARPT AT PRESQUE IS, PRESQUE ISLE, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...TAKEOFF MINIMUMS: RWY 1, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 900. RWY 10, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 900. TEXTUAL DEPARTURE PROCEDURES: RWY 19, CLIMB HEADING 185.68 TO 900 BEFORE TURNING LEFT. TAKEOFF OBSTACLE NOTES: RWY 1, TREE AND POLE BEGINNING 2791 FT FROM DER, 12 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/694 FT MSL. TREE 1.2 NM FROM DER, 1849 FT RIGHT OF CENTERLINE, 70 FT AGL/749 FT MSL. RWY 10, TREE 1.4 NM FROM DER, 1660 FT RIGHT OF CENTERLINE, 67 FT AGL/760 FT MSL. TREE 1.4 NM FROM DER, 1668 FT RIGHT OF CENTERLINE, 76 FT AGL/764 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122307-1708242307EST.

PRINCETON

Princeton Muni

FDC 7/8911 PNN IAP PRINCETON MUNI, PRINCETON, ME. RNAV (GPS) RWY 15, AMDT 1...DISREGARD DESCENT ANGLE 3.00/TCH 51. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. 1701292216-1709102216EST.

RANGELEY

Steven A Bean Muni

FDC 6/6647 8B0 ODP STEVEN A BEAN MUNI, RANGELEY, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 14, 600-2 WITH MINIMUM CLIMB OF 355 FT PER NM TO 4000. RWY 32, 600-2 WITH MINIMUM CLIMB OF 400 FT PER NM TO 4000. NOTE: RWY 14, TREE 22 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 76 FT AGL/1856 FT MSL. TREES BEGINNING 230 FT FROM DER, 546 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1857 FT MSL. TREES BEGINNING 340 FT FROM DER, 549 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/1859 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610111347-1705231347EST.

ROCKPORT

Penobscot Bay Medical Center

FDC 7/1529 ME76 SPECIAL PENOBSCOT BAY MEDICAL CENTER, ROCKPORT, ME. COPTER RNAV (GPS) 107 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

ROCKWOOD

Socatean Bay

FDC 7/1552 13ME SPECIAL SOCATEAN BAY, ROCKWOOD, ME. JAVUN TWO RNAV DEPARTURE...DEPARTURE PROCEDURE NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1701052144-1708172144EST.

FDC 7/1227 13ME SPECIAL SOCATEAN BAY, ROCKWOOD, ME. RNAV (GPS) RWY 27, AMDT 1...PROCEDURE NA. 1701051621-1708171621EST.

SANFORD

Sanford Seacoast Rgnl

FDC 7/1491 SFM IAP SANFORD SEACOAST RGNL, SANFORD, ME. VOR RWY 25, AMDT 14A...S-25 HAT 405 ALL CATS. CHART TDZE 235, DELETE THRE 233. CHART NOTE: RWY 25 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR RWY 25, AMDT 14B. 1702062117-PERM.

SKOWHEGAN

Redington-Fairview General Hospital

FDC 7/1524 ME29 SPECIAL REDDINGTON-FAIRVIEW HOSPITAL HELIPORT, SKOWHEGAN, ME. COPTER RNAV (GPS) 060 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

SOUTHWEST HARBOR

Penetic School Heliport

FDC 6/1032 ME99 IAP PENETIC SCHOOL HELIPORT, SOUTHWEST HARBOR, ME. COPTER RNAV (GPS) 355, ORIG...PROCEDURE NA. 1612131619-1707251619EST.

STONINGTON

Stonington Muni

FDC 7/1523 93B SPECIAL STONINGTON MUNICIPAL, STONINGTON, ME COPTER RNAV (GPS) 250 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

VINALHAVEN

Vinalhaven

FDC 7/1520 ME55 SPECIAL MARY TALBOT MEMORIAL AIRFIELD, VINALHAVEN, ME. COPTER RNAV (GPS) 053 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

WISCASSET

Wiscasset

FDC 6/2652 IWI ODP WISCASSET, WISCASSET, ME. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 7, POWERLINE 607 FT FROM DER, 410 FT RIGHT OF CENTERLINE, 45 AGL/85 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031823-1706151823EST.

MARYLAND

ABERDEEN PROVING GROUNDS(ABERDEEN)

Phillips AAF

FDC 6/3228 APG IAP U.S. DOD PHILLIPS AAF, ABERDEEN PROVING GROUNDS(ABERDEEN), MD. NDB RWY 22, AMDT 2B...RNAV (GPS) RWY 22, AMDT 1A...NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612162001-1707282001EST.

ANNAPOLIS

Lee

FDC 7/2105 ANP IAP LEE, ANNAPOLIS, MD. RNAV (GPS)-A, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1702072149-1709192149EST.

BALTIMORE

Baltimore/Washington Intl Thurgood Marshall

FDC 7/1725 BWI SID BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. PALEO THREE DEPARTURE...SEA ISLE TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SIE VORTAC OUT OF SERVICE. 1701061448-1708181448EST.

FDC 6/3095 BWI IAP BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. ILS OR LOC RWY 33L, AMDT 12...RNAV (GPS) Y RWY 33L, AMDT 4...RNAV (RNP) Z RWY 33L, AMDT 3...CHART PROFILE NOTE: VGSI AND GLIDE SLOPE NOT COINCIDENT.. 1610191709-1705311709EST.

Johns Hopkins Hospital

FDC 7/1554 0MD3 SPECIAL JOHNS HOPKINS HOSPITAL, BALTIMORE, MD. DEMOY ONE DEPARTURE...DEPARTURE PROCEDURE NA. 1701052152-1708172148EST.

FDC 6/5214 0MD3 IAP JOHNS HOPKINS HOSPITAL, BALTIMORE, MD. COPTER GPS 326, AMDT 1...PROCEDURE NA. 1612272238-1708082238EST.

Martin State

FDC 7/8817 MTN IAP MARTIN STATE, BALTIMORE, MD. RNAV (GPS) RWY 15, AMDT 1A...CIRCLING CATS A/B/C HAA 538, CAT D HAA 658. APT ELEV 22. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701291626-1709101625EST.

University Of Maryland Shock Trauma Center

FDC 7/4538 MD71 SPECIAL UNIVERSITY OF MARYLAND SHOCK TRAUMA CENTER, BALTIMORE, MD. COPTER (GPS) 091, ORIG...PROCEDURE NA. 1701142017-1708262017EST.

FDC 7/1563 MD71 SPECIAL UNIVERSITY OF MARYLAND SHOCK TRAUMA CENTER, BALTIMORE, MD. DEMOY ONE DEPARTURE...DEPARTURE PROCEDURE NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1701052210-1708172210EST.

CHURCHVILLE

Harford County

FDC 6/6695 0W3 IAP HARFORD COUNTY, CHURCHVILLE, MD. RNAV (GPS) -B, ORIG...VDA NA. 1611121443-1706241443EST.

CLINTON

Washington Executive/Hyde Field

FDC 7/0393 W32 IAP WASHINGTON EXECUTIVE/HYDE FIELD, CLINTON, MD. RNAV (GPS) RWY 5, ORIG-A...LNAV CATS A/B MDA 720/HAT 471. CIRCLING CAT A MDA 720/HAA 471, CAT B MDA 860/HAA 611. 1701032120-1708152120EST.

COLLEGE PARK

College Park

FDC 6/8528 CGS ODP COLLEGE PARK, COLLEGE PARK, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...DEPARTURE PROCEDURE: RWY 33, CLIMB HEADING 329 TO 700 BEFORE PROCEEDING ON COURSE. NOTE: RWY 33, BUILDINGS BEGINNING 2759 FT FROM DER, 988 FT LEFT OF CENTERLINE, UP TO 126 FT AGL/198 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612072132-1707192132EST.

FDC 6/4713 CGS IAP COLLEGE PARK, COLLEGE PARK, MD. RNAV (GPS) RWY 15, ORIG-D...LNAV MINIMUMS NA. 1609191809-1705011809EST.

CUMBERLAND

Greater Cumberland Rgnl

FDC 6/1367 CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC/DME RWY 23, AMDT 7...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF SERVICE. 1607061359-1702151359EST.

EASTON

Easton/Newnam Field

FDC 7/1337 ESN IAP EASTON/NEWMAM FIELD, EASTON, MD. ILS OR LOC/DME RWY 4, AMDT 1A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PXT VOR OUT OF SERVICE. 1702061434-1709181434EST.

FDC 6/2753 ESN IAP EASTON/NEWMAM FIELD, EASTON, MD. RNAV (GPS) RWY 15, ORIG-A...RNAV (GPS) RWY 33, ORIG-A...DESCENT ANGLE 3.04/TCH 45 NA. 1611032049-1706152049EST.

Memorial Hospital

FDC 7/9038 MD29 SPECIAL MEMORIAL HOSPITAL, EASTON, MD. COPTER RNAV (GPS) 036, ORIG...IFR DEPARTURE NA. 1701301433-1709111433EST.

FREDERICK

Frederick Muni

FDC 6/4218 FDK ODP FREDERICK MUNI, FREDERICK, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 30, 300-1 WITH MINIMUM CLIMB OF 285 FT PER NM TO 900 OR 1500-2 1/2 FOR VCOA. NOTE: RWY 30, TEMP CRANE 449 FT FROM DER, 414 FT RIGHT OF CENTERLINE, 50 FT AGL/322 FT MSL. TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 110 FT AGL/372 FT MSL. NOTE: RWY 30, TEMP CRANE 833 FT FROM DER, 700 FT RIGHT OF CENTERLINE, 210 FT AGL/472 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1608301341-1704111341EST.

FRIENDLY

Potomac Airfield

FDC 6/4363 VKX IAP POTOMAC AIRFIELD, FRIENDLY, MD. RNAV (GPS) RWY 6, ORIG...USE JOINT BASE ANDREWS, MD ALTIMETER SETTING. LNAV MDA 720/HAT 602. CIRCLING MDA 780/HAA 662. DESCENT ANGLE 3.04/TCH 38 NA. 1609191446-1705011446EST.

GAITHERSBURG

Montgomery County Airpark

FDC 6/1816 GAI IAP MONTGOMERY COUNTY AIRPARK, GAITHERSBURG, MD. VOR RWY 14, AMDT 3A...PROCEDURE NA. 1608111230-1703231230EST.

HAGERSTOWN

Hagerstown Rgnl-Richard A Henson Fld

FDC 7/4045 HGR ODP HAGERSTOWN RGNL-RICHARD A HENSON FLD, HAGERSTOWN, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...DEPARTURE PROCEDURE: RWY 27, CLIMB HEADING 269 TO 1200 BEFORE TURNING NORTH. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122356-1708242356EST.

MITCHELLVILLE

Freeway

FDC 7/9910 W00 ODP FREEWAY, MITCHELLVILLE, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 36, NA-OBSTACLES. ALL OTHER DATA REMAINS AS PUBLISHED. 1702011921-1709131921EST.

OCEAN CITY

Ocean City Muni

FDC 6/8713 OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. VOR-A, AMDT 3A...NOTE: CIRCLING RWY 14, 20 NA AT NIGHT. NOTE: RWY 14, 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1610281357-1706091357EST.

FDC 6/8693 OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. LOC RWY 14, AMDT 2A...NOTE: CIRCLING RWY 14, 20 NA AT NIGHT. NOTE: RWY 14, 20 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1610281349-1706091349EST.

SALISBURY

Salisbury-Ocean City Wicomico Rgnl

FDC 6/6138 SBY IAP SALISBURY-OCEAN CITY WICOMICO RGNL, SALISBURY, MD. ILS OR LOC RWY 32, AMDT 8...MISSED APPROACH: CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 VIA HEADING 170 AND I-SBY SE COURSE TO COLBE INT AND HOLD, SBY VOR OUT OF SERVICE. 1608171907-1703291907EST.

TOWSON

St Joseph Hospital

FDC 7/1238 08MD SPECIAL ST JOSEPH HOSPITAL, TOWSON, MD. COPTER RNAV (GPS) 269, AMDT 1...PROCEDURE NA. 1701051639-1708171639EST.

WESTMINSTER

Clearview Airpark

FDC 7/0956 2W2 IAP CLEARVIEW AIRPARK, WESTMINSTER, MD. RNAV (GPS) RWY 14, AMDT 1...LNAV HAT CAT A 561. CHART NOTE: RWY 14, 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART TDZE 799, DELETE THRE 762. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 14, AMDT 1A. 1702031844-PERM.

MASSACHUSETTS

BEDFORD

Laurence G Hanscom Fld

FDC 7/8716 BED IAP LAURENCE G HANSCOM FLD, BEDFORD, MA. ILS OR LOC RWY 29, AMDT 7...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 7/8715 BED IAP LAURENCE G HANSCOM FLD, BEDFORD, MA. ILS OR LOC RWY 11, AMDT 26...MISSED APPROACH: CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 DIRECT MHT VOR/DME AND HOLD, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 6/6211 BED ODP LAURENCE G HANSCOM FLD, BEDFORD, MA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6...TAKEOFF MINIMUMS: RWY 11, 300-1 1/4. NOTE: RWY 11, TEMP CRANE 2472 FT FROM DER, 1098 FT RIGHT OF CENTERLINE, 170 FT AGL/305 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610100112-1705220112EST.

BEVERLY

Beverly Rgnl

FDC 7/6042 BVY CHART BEVERLY MUNI, BEVERLY, MA. RNAV (GPS) RWY 9, ORIG...CORRECT MINIMA: CHANGE MINIMA CATEGORY TO READ LP MDA INSTEAD OF LPV MDA . 1701191825-PERM.

FDC 6/6217 BVY IAP BEVERLY MUNI, BEVERLY, MA. RNAV (GPS) RWY 27, ORIG-D...LPV AND LNAV/VNAV NA. 1610100126-1705220126EST.

FDC 6/6215 BVY IAP BEVERLY MUNI, BEVERLY, MA. RNAV (GPS) RWY 16, AMDT 1D...LNAV/VNAV DA 422/HAT 315. 1610100118-1705220118EST.

BOSTON

General Edward Lawrence Logan Intl

FDC 6/4754 BOS SPECIAL GENERAL EDWARD LAWRENCE LOGAN INTL, BOSTON, MA. RNAV VISUAL RWY 4L, ORIG...PROCEDURE NA. 1610211400-1702282359EST.

FALMOUTH

Falmouth Hospital

FDC 7/4440 MA37 IAP FALMOUTH HOSPITAL, FALMOUTH, MA. COPTER RNAV (GPS) 214, ORIG...CHANGE CAPE APPROACH CONTROL FREQUENCY FROM 124.7 TO 118.2. 1701141838-1708261838EST.

FDC 7/0414 MA37 IAP FALMOUTH HOSPITAL, FALMOUTH, MA. COPTER RNAV (GPS) 105, ORIG...CHANGE OTIS ANGB ALT WX FREQUENCY FROM 121.1 TO 120.475. CHANGE DISTANCE FROM HIGUT (FAF) TO HOTMI (MAP) FROM 2.0NM TO 1.8NM. 1701032137-1708152137EST.

FDC 6/6765 MA37 SPECIAL FALMOUTH HOSPITAL, FALMOUTH, MA. HEDOG ONE DEPARTURE...CHANGE BOSTON CENTER FREQUENCY FROM 132.9 TO 128.75. 1609021511-1704141511EST.

FITCHBURG

Fitchburg Muni

FDC 6/1133 FIT ODP FITCHBURG MUNI, FITCHBURG, MA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKE-OFF MINIMUMS: RWY 32, STANDARD WITH MINIMUM CLIMB OF 378 FT PER NM TO 1600 OR 1500-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1611201517-1707021517EST.

GARDNER

Gardner Muni

FDC 6/0956 GDM IAP GARDNER MUNI, GARDNER, MA. RNAV (GPS)-B, ORIG-A...DESCENT ANGLE 3.05/TCH 45 NA. 1611191848-1707011848EST.

LAWRENCE

Lawrence Muni

FDC 7/8714 LWM IAP LAWRENCE MUNI, LAWRENCE, MA. ILS OR LOC Y RWY 5, AMDT 4...ILS OR LOC Z RWY 5, ORIG-A...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT HAGET LOM AND HOLD. (ADF REQUIRED), LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 6/1122 LWM IAP LAWRENCE MUNI, LAWRENCE, MA. RNAV (GPS) RWY 23, ORIG-A...DISREGARD NOTE: RWY 23 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 32 NA AT NIGHT. 1611201506-1707021506EST.

ORANGE

Orange Muni

FDC 7/0410 ORE IAP ORANGE MUNI, ORANGE, MA. VOR-A, AMDT 7A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701032132-1708152132EST.

PITTSFIELD

Pittsfield Muni

FDC 7/8867 PSF ODP PITTSFIELD MUNI, PITTSFIELD, MA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 8, LIGHT POLE 796 FT FROM DER, 274 FT RIGHT OF CENTERLINE, 62 FT AGL/1237 FT MSL (2016-ANE-2564-OE). LIGHT POLES BEGINNING 1737 FT FROM DER, 342 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/1292 FT MSL (2016-ANE-2560/2561/2562/2563-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701292141-1709102141EST.

FDC 6/4267 PSF IAP PITTSFIELD MUNI, PITTSFIELD, MA. RNAV (GPS) RWY 26, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 8 NA. 1611291952-1707111952EST.

FDC 6/4266 PSF IAP PITTSFIELD MUNI, PITTSFIELD, MA. LOC/DME RWY 26, AMDT 9A...DISREGARD NOTE: NIGHT LANDING: RWY 8 NA. 1611291952-1707111952EST.

FDC 6/4265 PSF IAP PITTSFIELD MUNI, PITTSFIELD, MA. RNAV (GPS) RWY 8, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 8 NA. 1611291952-1707111952EST.

PLYMOUTH

Plymouth Muni

FDC 7/4013 PYM IAP PLYMOUTH MUNI, PLYMOUTH, MA. ILS OR LOC/DME RWY 6, AMDT 1E...NOTE: AUTO PILOT COUPLED APPROACH N/A BELOW 610 MSL. 1701122327-1708242326EST.

PROVINCETOWN

Provincetown Muni

FDC 6/7154 PVC IAP PROVINCETOWN MUNI, PROVINCETOWN, MA. ILS OR LOC RWY 7, AMDT 9...CHART NOTE: DME REQUIRED.. LFV VOR/DME RADIAL 281-291 UNUSABLE. 1610112209-1705232209EST.

STOW

Minute Man Air Field

FDC 7/1470 6B6 IAP MINUTE MAN AIR FIELD, STOW, MA. VOR/DME RWY 21, AMDT 3D...PROCEDURE NA. 1701051944-1708171944EST.

VINEYARD HAVEN

Martha's Vineyard

FDC 7/4866 MVY IAP MARTHA S VINEYARD, VINEYARD HAVEN, MA. VOR RWY 6, AMDT 2A...DISREGARD ALL REFERENCE TO RADAR AT JODLE. CHANGE NOTE: DME OR RADAR REQUIRED TO READ DME REQUIRED. 1701171504-1708291504EST.

WESTFIELD/SPRINGFIELD

Westfield-Barnes Rgnl

FDC 6/1504 BAF ODP WESTFIELD-BARNES RGNL, WESTFIELD/SPRINGFIELD, MA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4A...TAKEOFF MINIMUMS: RWY 15, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 435 FT PER NM TO 800. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202032-1707022032EST.

WORCESTER

Worcester Rgnl

FDC 6/7366 ORH IAP WORCESTER RGNL, WORCESTER, MA. ILS OR LOC RWY 11, AMDT 23C...AUTOPILOT COUPLED APPROACHES NA BELOW 1360 MSL. 1610121208-1705241208EST.

MICHIGAN

ALLEGAN

Padgham Field

FDC 6/0743 35D IAP PADGHAM FIELD, ALLEGAN, MI. RNAV (GPS) RWY 11, ORIG-A...RNAV (GPS) RWY 29, ORIG...NOTE: CIRCLING NA TO RWYS 15 AND 33. 1610141814-1705261814EST.

FDC 6/0738 35D IAP PADGHAM FIELD, ALLEGAN, MI. VOR RWY 29, AMDT 14...NOTE: CIRCLING NA TO RWYS 15 AND 33. NOTE: NIGHT LANDING: RWY 29 NA. 1610141813-1705261813EST.

ALPENA

Alpena County Rgnl

FDC 6/6018 APN IAP ALPENA COUNTY RGNL, ALPENA, MI. VOR RWY 19, AMDT 15...DAKRY FIX MINIMUMS: S-19 CAT D MINIMUMS NA. CIRCLING CAT A MDA 1140/HAA 450. 1609011105-1704131105EST.

FDC 6/6015 APN IAP ALPENA COUNTY RGNL, ALPENA, MI. RNAV (GPS) RWY 19, ORIG...LNAV MDA 1080/HAT 397 ALL CATS. CIRCLING CAT A MDA 1140/HAA 450. VDP AT 1.12NM TO RWY 19*. 1609011104-1704131104EST.

ANN ARBOR

Ann Arbor Muni

FDC 6/0389 ARB IAP ANN ARBOR MUNI, ANN ARBOR, MI. VOR RWY 6, AMDT 13D...CIRCLING NA TO RWYS 12, 30. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. VDP AT SVM 14.9 DME. DISTANCE VDP TO THLD 1.60 NM. VDP NA WHEN USING WILLOW RUN ALTIMETER SETTING. 1610141535-1705261535EST.

FDC 6/0383 ARB IAP ANN ARBOR MUNI, ANN ARBOR, MI. VOR RWY 24, AMDT 13E...CIRCLING NA TO RWYS 12, 30. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHANGE BACK-UP ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOW RUN ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND INCREASE S-24 CAT C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. VDP AT SVM 10.8 DME. DISTANCE VDP TO THLD 1.93 NM. VDP NA WHEN USING WILLOW RUN ALTIMETER SETTING. 1610141533-1705261533EST.

BALDWIN

Baldwin Muni

FDC 6/9108 7D3 ODP BALDWIN MUNI, BALDWIN, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 5, 23 NA-ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610131420-1705251420EST.

BATTLE CREEK

W K Kellogg

FDC 6/1290 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 31, ORIG-A...LP MDA 1320/HAT 390 ALL CATS, VISIBILITY CAT C/D 1 1/8. CHANGE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13-31 PROCEDURE NA AT NIGHT. 1611021451-1706141451EST.

FDC 6/0995 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 23R, AMDT 1A...ILS OR LOC RWY 23R, AMDT 18A...NDB RWY 23R, AMDT 18A...NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWYS 13/31 NA AT NIGHT. 1611012222-1706132222EST.

FDC 6/0992 BTL IAP W K KELLOGG, BATTLE CREEK, MI. RNAV (GPS) RWY 5L, AMDT 1A...NOTE: NIGHT LANDING: RWY 31 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWYS 13/31 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1611012220-1706132220EST.

BENTON HARBOR

Southwest Michigan Rgnl

FDC 7/6555 BEH IAP SOUTHWEST MICHIGAN RGNL, BENTON HARBOR, MI. RNAV (GPS) RWY 10, AMDT 1B...LNAV MDA 1100/HAT 469 ALL CATS. VIS CATS C/D 1 3/8. VDP 1.36 NM TO RW10. ANTENNA TOWER, 792 MSL, 5056 FT SW OF APPROACH END RWY 10, 2016-AGL-7149-OE. 1701222023-1709032023EST.

BERRIEN SPRINGS

Andrews University Airport

FDC 6/4907 C20 ODP ANDREWS UNIVERSITY AIRPARK, BERRIEN SPRINGS, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 31: STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 900. DISREGARD 700 - 1 1/2 CEILING AND VISIBILITY. NOTE: RWY 31: TREES BEGINNING 29 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FEET AGL/834 FEET MSL. TERRAIN BEGINNING 77 FEET FROM DER, 362 FEET LEFT OF CENTERLINE, UP TO 680 FEET MSL. VEHICLES ON ROAD BEGINNING 343 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FEET AGL/692 FEET MSL. SIGN 453 FEET FROM DER, 342 FEET LEFT OF CENTERLINE, 22 FEET AGL/692 FEET MSL. TERRAIN 664 FEET FROM DER, 386 FEET RIGHT OF CENTERLINE, UP TO 686 FEET MSL. SIGN 1306 FEET FROM DER, 543 FEET RIGHT OF CENTERLINE, 22 FEET AGL/702 FEET MSL. POLES BEGINNING 1501 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 66 FEET AGL/799 FEET MSL. VEHICLES ON ROAD BEGINNING 2742 FEET FROM DER, 717 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/749 FEET MSL. BUILDINGS BEGINNING 3083 FEET FROM DER, 128 FEET LEFT OF CENTERLINE, UP TO 30 FEET AGL/778 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1608302044-1704112044EST.

BOYNE CITY

Boyne City Muni

FDC 6/3780 N98 IAP BOYNE CITY MUNI, BOYNE CITY, MI. RNAV (GPS) RWY 27, ORIG-B...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1610201324-1706011324EST.

FDC 6/2379 N98 ODP BOYNE CITY MUNI, BOYNE CITY, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 9, 600-3 WITH MINIMUM CLIMB OF 430 FEET PER NM TO 1400.. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031631-1706151631EST.

BOYNE FALLS

Boyne Mountain

FDC 7/6587 BFA IAP BOYNE MOUNTAIN, BOYNE FALLS, MI. RNAV (GPS) RWY 35, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1701222047-1709032047EST.

FDC 7/6585 BFA IAP BOYNE MOUNTAIN, BOYNE FALLS, MI. RNAV (GPS) RWY 17, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701222046-1709032046EST.

CHARLEVOIX

Charlevoix Muni

FDC 6/5930 CVX IAP CHARLEVOIX MUNI, CHARLEVOIX, MI. RNAV (GPS) RWY 27, ORIG-A...RNAV (GPS) RWY 9, AMDT 1...DISREGARD NOTE: CIRCLING TO RWY 4/22 NA AT NIGHT. NOTE: CIRCLING TO RWY 4 / 22 NOT AUTHORIZED. 1612022202-1707142200EST.

CHARLOTTE

Fitch H Beach

FDC 7/4318 FPK IAP FITCH H BEACH, CHARLOTTE, MI. RNAV (GPS) RWY 20, ORIG-A...VOR RWY 20, AMDT 11A...DISREGARD NOTE: NIGHT LANDING: RWY 2, 14, 32 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. NOTE: CIRCLING TO RWY S 14, 32 NA. NOTE: NIGHT LANDING: RWY 2, 20 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701132148-1708252148EST.

FDC 6/1969 FPK IAP FITCH H BEACH, CHARLOTTE, MI. RNAV (GPS) RWY 20, ORIG-A...PROCEDURE NA. 1611221434-1705051434EST.

CHEBOYGAN

Cheboygan County

FDC 7/1617 SLH IAP CHEBOYGAN COUNTY, CHEBOYGAN, MI. RNAV (GPS) RWY 10, AMDT 3A...DISREGARD PROFILE NOTE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1702071347-1709191347EST.

CLARE

Clare Muni

FDC 7/8928 48D IAP CLARE MUNI, CLARE, MI. RNAV (GPS) RWY 4, ORIG-A...VOR-A, AMDT 2...DISREGARD NOTE: CIRCLING TO RWY 9/27 NA AT NIGHT. NOTE: NIGHT LANDING RWY 9, 27 NA. CHANGE AWOS-3 FREQUENCY TO READ 133.025. 1701292230-1709102230EST.

COLDWATER

Branch County Memorial

FDC 7/7217 OEB IAP BRANCH COUNTY MEMORIAL, COLDWATER, MI. RNAV (GPS) RWY 7, AMDT 1...LPV MINIMUMS NA. LNAV/VNAV MINIMUMS NA. 1701241850-1709051850EST.

FDC 7/7216 OEB IAP BRANCH COUNTY MEMORIAL, COLDWATER, MI. RNAV (GPS) RWY 25, ORIG...LPV MINIMUMS NA. LNAV/VNAV MINIMUMS NA. 1701241850-1709051850EST.

FDC 6/4323 OEB IAP BRANCH COUNTY MEMORIAL, COLDWATER, MI. RNAV (GPS) RWY 25, ORIG...VOR/DME RWY 25, ORIG...NOTE: STRAIGHT-IN RWY 25 NA AT NIGHT. NOTE: CIRCLING RWY 4, 7, 22 NA AT NIGHT. 1612211634-1708021634EST.

FDC 6/4320 OEB IAP BRANCH COUNTY MEMORIAL, COLDWATER, MI. RNAV (GPS) RWY 7, AMDT 1...VOR RWY 7, AMDT 5...NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT. NOTE: CIRCLING RWY 4, 22, 25 NA AT NIGHT. 1612211634-1708021634EST.

DETROIT

Coleman A Young Muni

FDC 7/5147 DET IAP COLEMAN A YOUNG MUNI, DETROIT, MI. ILS OR LOC RWY 33, AMDT 14C...S-LOC 33 MDA 1260/HAT 634 ALL CATS, VIS CAT C/D 1 3/4 SM. 1701172033-1708292033EST.

FDC 6/0086 DET IAP COLEMAN A YOUNG MUNI, DETROIT, MI. ILS OR LOC RWY 15, AMDT 10B...NDB RWY 15, AMDT 23A...RNAV (GPS) RWY 15, ORIG-A...RNAV (GPS) RWY 33, ORIG-B...VOR RWY 33, AMDT 28A...CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING: RWY 7, 25 NA. 1610312127-1706122127EST.

Detroit Metropolitan Wayne County

FDC 7/0341 DTW SID DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. AKRON FIVE DEPARTURE...ERRTH SIX DEPARTURE...FORT WAYNE SIX DEPARTURE...MOONN SEVEN DEPARTURE...PALACE NINE DEPARTURE...RICHMOND EIGHT DEPARTURE...ROSEWOOD FIVE DEPARTURE...ST. CLAIR NINE DEPARTURE...DISREGARD METRO TOWER FREQUENCY. ALL OTHER DATA REMAINS AS PUBLISHED. 1701031852-1708151852EST.

Willow Run

FDC 7/8917 YIP IAP WILLOW RUN, DETROIT, MI. ILS OR LOC RWY 5R, AMDT 15...CIRCLING CAT A/B/C MDA 1220/HAA 504. 1701292221-1709102221EST.

FDC 6/8190 YIP SID WILLOW RUN, DETROIT, MI. PALACE NINE DEPARTURE...ST. CLAIR NINE DEPARTURE...NOTE: ATC ASSIGNED ONLY. 1610121855-1705241855EST.

FLINT

Bishop Intl

FDC 7/1032 FNT IAP BISHOP INTL, FLINT, MI. ILS OR LOC RWY 27, AMDT 5...ILS OR LOC RWY 9, AMDT 22C...VOR RWY 18, ORIG-A...VOR RWY 36, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1701051324-1708171324EST.

FREMONT

Fremont Muni

FDC 7/2077 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 18, ORIG-A...VOR RWY 36, AMDT 7A...ALTERNATE MINIMUMS NA, MKG VORTAC UNMONITORED. 1702072127-1703072127EST.

FDC 6/1433 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 18, ORIG-A...PROCEDURE NA. 1611201956-1707021956EST.

FDC 6/1392 FFX IAP FREMONT MUNI, FREMONT, MI. VOR RWY 36, AMDT 7A...PROCEDURE NA. 1609301905-1705121905EST.

GLADWIN

Gladwin Zettel Memorial

FDC 6/4885 GDW IAP GLADWIN ZETTEL MEMORIAL, GLADWIN, MI. RNAV (GPS) RWY 27, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 9 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 27 PROCEDURE NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING TO RWY 15, 33 NA. 1608302036-1704112036EST.

FDC 6/4884 GDW IAP GLADWIN ZETTEL MEMORIAL, GLADWIN, MI. RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 27 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 PROCEDURE NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING TO RWY 15, 33 NA. 1608302036-1704112036EST.

GRAND HAVEN

Grand Haven Memorial Airpark

FDC 6/1393 3GM IAP GRAND HAVEN MEMORIAL AIRPARK, GRAND HAVEN, MI. VOR-A, AMDT 16A...PROCEDURE NA. 1609301905-1705121905EST.

GRAND LEDGE

Abrams Muni

FDC 7/8960 4D0 IAP U.S. DOD ABRAMS MUNI, GRAND LEDGE, MI. COPTER VOR 345, AMDT 6...NOTE: NIGHT LANDING: RWY 27 NA. H-345 VISIBILITY 1. 1701292345-1709102345EST.

FDC 6/3559 4D0 IAP ABRAMS MUNI, GRAND LEDGE, MI. VOR OR GPS-A, AMDT 5A...VOR PORTION NA. LAN VORTAC OUT OF SERVICE. 1609161446-1704281446EST.

GRAYLING

Grayling AAF

FDC 6/0408 GOV IAP GRAYLING AAF, GRAYLING, MI. RNAV (GPS) RWY 14, ORIG-B...LNAV HAT 546 ALL CATS, CIRCLING CAT A/B/C HAA 562, CAT C HAA 602. TDZE 1154. APT ELEV 1158. DISREGARD NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. NOTE: CIRCLING RWY 5, 23, 32 NA AT NIGHT. 1609121656-1704241656EST.

FDC 6/0407 GOV IAP GRAYLING AAF, GRAYLING, MI. NDB RWY 14, AMDT 8B...S-14 HAT 726 ALL CATS, CIRCLING HAA 722 ALL CATS. TDZE 1154. APT ELEV 1158. DISREGARD NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. NOTE: CIRCLING RWY 5, 23, 32 NA AT NIGHT. 1609121656-1704241656EST.

GREENVILLE

Greenville Muni

FDC 6/3227 6D6 IAP GREENVILLE MUNI, GREENVILLE, MI. VOR/DME-A, AMDT 2A...TERMINAL ROUTE FROM MKG VORTAC TO NESTR NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1608121508-1703241508EST.

HANCOCK

Houghton County Memorial

FDC 7/3967 CMX ODP HOUGHTON COUNTY MEMORIAL, HANCOCK, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 25: 400 - 2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 215 FT PER NM TO 1600 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122202-1708242202EST.

HOWELL

Livingston County Spencer J Hardy

FDC 6/6395 OZW IAP LIVINGSTON COUNTY SPENCER J HARDY, HOWELL, MI. VOR RWY 31, AMDT 11A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, PSI VOR OUT OF SERVICE. 1612051912-1707171911EST.

IONIA

Ionia County

FDC 6/8731 Y70 ODP IONIA COUNTY, IONIA, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.TAKEOFF MINIMUMS: RWY 18, 36: NA - ENVIRONMENTAL. NOTE: RWY 9, TREES, BEGINNING 11 FT FROM DER, 320 FT LEFT OF CENTERLINE, UP TO 825 FT MSL. NAVAID 39 FT FROM DER, 77 FT RIGHT OF CENTERLINE, 804 FT MSL. GRD, BEGINNING 60 FT FROM DER, 276 FT RIGHT OF CENTERLINE, UP TO 810 FT MSL. TREES, BEGINNING 101 FT FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 836 FT MSL. GRD 258 FT FROM DER, 333 FT RIGHT OF CENTERLINE, 811 FT MSL. TREES, BEGINNING 663 FT FROM DER, 521 FT RIGHT OF CENTERLINE, UP TO 872 FT MSL. TREES, BEGINNING 1011 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 881 FT MSL. TREE 1530 FT FROM DER, 833 FT LEFT OF CENTERLINE, 845 FT MSL. TREES, BEGINNING 1538 FT FROM DER, 289 FT LEFT OF CENTERLINE, UP TO 894 FT MSL. TREE 1882 FT FROM DER, 844 FT LEFT OF CENTERLINE, 860 FT MSL. TREE 2507 FT FROM DER, 301 FT LEFT OF CENTERLINE, 870 FT MSL. TREE 2509 FT FROM DER, 259 FT LEFT OF CENTERLINE, 875 FT MSL. TREES, BEGINNING 2513 FT FROM DER, 201 FT LEFT OF CENTERLINE, UP TO 886 FT MSL. TREES, BEGINNING 2633 FT FROM DER, 233 FT LEFT OF CENTERLINE, UP TO 894 FT MSL. TREES, BEGINNING 2638 FT FROM DER, 220 FT LEFT OF CENTERLINE, UP TO 895 FT MSL. TREE 3036 FT FROM DER, 691 FT LEFT OF CENTERLINE, 898 FT MSL. NOTE: RWY 27, NAVAID 41 FT FROM DER, 77 FT FDC 6/8731 Y70 ODP IONIA COUNTY, IONIA, MI. RIGHT OF CENTERLINE, 815 FT MSL. BLDG 473 FT FROM DER, 547 FT RIGHT OF CENTERLINE, 837 FT MSL. POLES, BEGINNING 596 FT FROM DER, 513 FT LEFT OF CENTERLINE, UP TO 839 FT MSL. BLDG 780 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 841 FT MSL. POLE 816 FT FROM DER, 680 FT RIGHT OF CENTERLINE, 845 FT MSL. TREE, BLDG, POLE, T-L TWR, BEGINNING 880 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 889 FT MSL. TREES, BEGINNING 1025 FT FROM DER, 144 FT RIGHT OF CENTERLINE, UP TO 850 FT MSL. TREE, T-L TWR, BEGINNING 1027 FT FROM DER, 79 FT RIGHT OF CENTERLINE, UP TO 851 FT MSL. TREE 1608 FT FROM DER, 6

FDC 6/0699 Y70 IAP IONIA COUNTY, IONIA, MI. VOR-A, AMDT 1...NOTE: CIRCLING NA TO RWYS 18 AND 36.. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141804-1705261804EST.

JACKSON

Jackson County-Reynolds Field

FDC 6/3179 JXN IAP JACKSON COUNTY-REYNOLDS FIELD, JACKSON, MI. RNAV (GPS) RWY 6, ORIG...LNAV MDA 1480/HAT 481 ALL CATS. VISIBILITY CAT C 1 1/4, CAT D 1 1/2. 1610191740-1705311740EST.

KALAMAZOO

Kalamazoo/Battle Creek Intl

FDC 7/7431 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. ILS OR LOC RWY 35, AMDT 22C...RADAR 1, AMDT 9B...RNAV (GPS) RWY 17, AMDT 1A...RNAV (GPS) RWY 23, ORIG-A...RNAV (GPS) RWY 5, ORIG-A...CIRCLING CATS A/B/C MDA 1440/HAA 566. CRANE, 1002 MSL, 1.73 NM SOUTH OF KAZO, (2016-AGL-3085-OE). CRANE, 1082 MSL, 1.16 NM SOUTH OF KAZO, (2016-AGL-9099-OE). 1701251246-1704301246EST.

FDC 7/7430 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 35, AMDT 17B...S-35 MDA 1400/HAT 532 ALL CATS. VIS CATS C/D RVR 5500. CIRCLING CATS A/B/C MDA 1440/HAA 566. VDP AT AZO VOR/DME 2.33 DME; DISTANCE VDP TO THLD 1.50 MILES. CRANE, 1002 MSL, 1.12 NM SOUTH OF APPROACH END RWY 35, (2016-AGL-3085-OE). CRANE, 1082 MSL, 3619 FT SW OF APPROACH END RWY 35, (2016-AGL-9099-OE). 1701251246-1704301246EST.

FDC 7/7429 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RADAR 1, AMDT 9B...ASR RWY 35 MDA 1400/HAT 532 ALL CATS. VIS CATS C/D RVR 5500. CIRCLING CATS A/B/C MDA 1440/HAA 566. CRANE, 1002 MSL, 1.12 NM SOUTH OF APPROACH END RWY 35, (2016-AGL-3085-OE). CRANE, 1082 MSL, 3619 FT SW OF APPROACH END RWY 35, (2016-AGL-9099-OE). 1701251246-1704301246EST.

FDC 7/7428 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RNAV (GPS) RWY 35, ORIG-B...LNAV/VNAV DA 1344/HAT 476 ALL CATS. VIS RVR 6000 ALL CATS. LNAV MDA 1400/HAT 532 ALL CATS. VIS CATS C/D RVR 5500. CIRCLING CATS A/B/C MDA 1440/HAA 566. VDP 1.50 NM TO RW35. CRANE, 1002 MSL, 1.12 NM SOUTH OF APPROACH END RWY 35, (2016-AGL-3085-OE). CRANE, 1082 MSL, 3619 FT SW OF APPROACH END RWY 35, (2016-AGL-9099-OE). 1701251246-1704301246EST.

FDC 7/6416 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. ILS OR LOC RWY 35, AMDT 22C...NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. 1701202112-1709012112EST.

FDC 6/1536 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RNAV (GPS) RWY 5, ORIG-A...LP MDA 1280/HAT 406 CATS A/B/C. 1611202052-1707022052EST.

FDC 6/0676 AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. ILS OR LOC RWY 35, AMDT 22C...VOR RWY 35, AMDT 17B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BTL VORTAC OUT OF SERVICE. 1609131215-1704251215EST.

LAKEVIEW

Lakeview-Griffith Field

FDC 6/3548 13C IAP LAKEVIEW-GRIFFITH FIELD,
LAKEVIEW, MI. VOR/DME RWY 10,
ORIG-B...PROCEDURE NA.
1609161431-1704281431EST.

LANSING

Capital Region Intl

FDC 7/4503 LAN IAP CAPITAL REGION INTL,
LANSING, MI. ILS OR LOC RWY 10R, AMDT 11...ILS
OR LOC RWY 28L, AMDT 27A...MSA KLAN 25 NM
3000. 1701141928-1708261928EST.

FDC 6/2541 LAN IAP CAPITAL REGION INTL,
LANSING, MI. RNAV (GPS) RWY 10R, ORIG...NOTE:
VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
1611031745-1706151745EST.

FDC 6/1890 LAN IAP CAPITAL REGION INTL,
LANSING, MI. ILS OR LOC RWY 10R, AMDT 11...ILS
OR LOC RWY 28L, AMDT 27A...RNAV (GPS) RWY 10R,
ORIG...RNAV (GPS) RWY 24, ORIG...RNAV (GPS) RWY
28L, AMDT 1...RNAV (GPS) RWY 6, ORIG...VOR RWY
6, AMDT 25...CIRCLING CATS A/B MDA 1400/ HAA
539. TEMPORARY CRANE 187 MSL 1760FT
SOUTHWEST OF LAN AIRPORT
(2016-AGL-9774-NRA). 1611212102-1707032102EST.

FDC 6/1404 LAN IAP CAPITAL REGION INTL,
LANSING, MI. RADAR 1, AMDT 15...ASR 6
MINIMUMS NA. 1609301911-1705121910EST.

FDC 6/0751 LAN IAP CAPITAL REGION INTL,
LANSING, MI. ILS OR LOC RWY 10R, AMDT
11...NOTE: VGSI AND ILS GLIDEPATH NOT
COINCIDENT. 1612122114-1707242114EST.

LINDEN

Prices

FDC 6/0575 9G2 IAP PRICES, LINDEN, MI. RNAV
(GPS) RWY 27, AMDT 1...RNAV (GPS) RWY 9, AMDT
1...VOR-A, ORIG-A...NOTE: PROCEDURE NA AT
NIGHT. 1609122017-1704242017EST.

LUDINGTON

Mason County

FDC 6/6229 LDM ODP MASON COUNTY,
LUDINGTON, MI. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
6...TAKEOFF MINIMUMS: RWY 26, 300-1 OR
STANDARD WITH A MINIMUM CLIMB GRADIENT OF
310 FEET PER NM TO 900. NOTE: RWY 19, POLE 1087
FT FROM DER, 574 FT RIGHT OF CENTERLINE, 29 FT
AGL/675 FT MSL. NOTE: RWY 26, BUILDING 463 FT
FROM DER, 505 FT RIGH OF CENTERLINE, 27 FT
AGL/ 668 FT MSL. FENCE 372 FT FROM DER, 306 FT
RIGHT OF CENTERLINE, UP TO 17 FT AGL/ 658 FT
MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1610100138-1705220138EST.

MARLETTE

Marlette

FDC 6/8082 77G IAP MARLETTE, MARLETTE, MI.
RNAV (GPS) RWY 9, AMDT 1A...ADD NOTES:
CIRCLING RWY 19 NA AT NIGHT. RWY 9
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NA. DISREGARD NOTES: WHEN VGSI INOP,
STRAIGHT-IN AND CIRCLING RWY 1, 19, 27 NA AT
NIGHT. VISIBILITY REDUCTION BY HELICOPTERS
NA. 1612071533-1707191533EST.

FDC 6/8081 77G IAP MARLETTE, MARLETTE, MI.
RNAV (GPS) RWY 19, ORIG-A...ADD NOTES:
STRAIGHT-IN RWY 19 NA AT NIGHT, CIRCLING RWY
19 NA AT NIGHT. RWY 19 HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NA. DISREGARD NOTES:
WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING
RWY 1, 19, 27 NA AT NIGHT. VISIBILITY REDUCTION
BY HELICOPTERS NA. 1612071533-1707191533EST.

FDC 6/8079 77G IAP MARLETTE, MARLETTE, MI.
RNAV (GPS) RWY 27, AMDT 1A...ADD NOTES:
CIRCLING RWY 19 NA AT NIGHT. RWY 27
HELICOPTER VISIBILITY REDUCTION BELOW 3/4
SM NA. DISREGARD NOTES: WHEN VGSI INOP,
STRAIGHT-IN AND CIRCLING RWY 1, 19, 27 NA AT
NIGHT. VISIBILITY REDUCTION BY HELICOPTERS
NA. 1612071533-1707191533EST.

MARQUETTE

Sawyer Intl

FDC 6/9921 SAW ODP SAWYER INTL, MARQUETTE,
MI. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES ORIG...TAKEOFF
OBSTACLE NOTES: RWY 1, NAVAID 40 FT FROM
DER, 114 FT LEFT OF CENTERLINE, 2FT AGL/1225 FT
MSL; NAVAID 40 FT FROM DER, 114 FT RIGHT OF
CENTERLINE, 2FT AGL/1224 FT MSL. TREES
BEGINNING 1529 FT FROM DER, 853 FT LEFT OF
CENTERLINE, UP TO 75 FT AGL/1296 FT MSL; TREE
2749 FT FROM DER, 897 FT RIGHT OF CENTERLINE,
75 FT AGL/1295 FT MSL. DISREGARD RWY 19
TAKEOFF OBSTACLES.. 1610312020-1706122020EST.

MENOMINEE

Menominee-Marinette Twin County

FDC 7/8948 MNM IAP MENOMINEE-MARINETTE TWIN COUNTY, MENOMINEE, MI. ILS OR LOC RWY 3, AMDT 2B...AUTOPILOT COUPLED APPROACH NA BELOW 1574. 1701292335-1709102335EST.

FDC 6/2662 MNM IAP MENOMINEE-MARINETTE TWIN COUNTY, MENOMINEE, MI. ILS OR LOC RWY 3, AMDT 2B...RNAV (GPS) RWY 3, ORIG...NOTE: NIGHT LANDING: RWY 14, 32 NA. 1611232116-1707052116EST.

MONROE

Custer

FDC 6/4278 TTF IAP CUSTER, MONROE, MI. RNAV (GPS) RWY 3, ORIG...NOTE: NIGHT LANDING: RWY 3 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY BELOW 1 SM NOT AUTHORIZED. 1610201651-1706011651EST.

FDC 6/4262 TTF IAP CUSTER, MONROE, MI. RNAV (GPS) RWY 21, ORIG...VOR RWY 21, AMDT 2...NOTE: NIGHT LANDING: RWY 3 NA. 1610201648-1706011648EST.

MUSKEGON

Muskegon County

FDC 7/2076 MKG IAP MUSKEGON COUNTY, MUSKEGON, MI. ILS OR LOC RWY 24, AMDT 5...ILS OR LOC RWY 32, AMDT 19...LOC BC RWY 14, AMDT 9A...ALTERNATE MINIMUMS NA, MKG VORTAC UNMONITORED. 1702072127-1703072127EST.

FDC 7/1481 MKG IAP MUSKEGON COUNTY, MUSKEGON, MI. ILS OR LOC RWY 24, AMDT 5...ILS OR LOC RWY 32, AMDT 19...LOC BC RWY 14, AMDT 9A...RADAR OR GPS REQUIRED.. MKG UNUSABLE R-071 - R-186 & HIC UNUSABLE R-052 - R-042. 1702062031-1709182029EST.

NEW HUDSON

Oakland Southwest

FDC 6/3688 Y47 ODP OAKLAND SOUTHWEST, NEW HUDSON, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...CHANGE ALL RWY 7-25 REFERENCE TO RWY 8-26. ALL OTHER DATA REMAINS AS PUBLISHED. 1609161633-1704281633EST.

FDC 6/2571 Y47 IAP OAKLAND SOUTHWEST, NEW HUDSON, MI. VOR OR GPS-A, AMDT 3B...CIRCLING CAT A/B MDA 1580/HAA 654. NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: NIGHT VISIBILITY MINIMUMS 2 MILES. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING TO RWY 8 NA AT NIGHT. 1611031753-1706151753EST.

NEWBERRY

Luce County

FDC 6/6816 ERY IAP LUCE COUNTY, NEWBERRY, MI. VOR RWY 11, AMDT 12...PROCEDURE NA. 1611122223-1706242223EST.

NILES

Jerry Tyler Memorial

FDC 7/6418 3TR IAP JERRY TYLER MEMORIAL, NILES, MI. RNAV (GPS) RWY 33, ORIG-A...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701202114-1709012114EST.

FDC 7/2618 3TR IAP JERRY TYLER MEMORIAL, NILES, MI. VOR-A, ORIG...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ELX VOR/DME OUT OF SERVICE. 1702081942-1703281942EST.

OWOSSO

Owosso Community

FDC 6/6552 RNP IAP OWOSSO COMMUNITY, OWOSSO, MI. VOR/DME RWY 29, AMDT 1C...DISREGARD CHART NOTE PROCEDURE NA AT NIGHT. ADD NOTE: CIRCLING RWY 11 NA AT NIGHT. 1610252026-1706062026EST.

FDC 6/6550 RNP IAP OWOSSO COMMUNITY, OWOSSO, MI. RNAV (GPS) RWY 29, AMDT 1C...DISREGARD CHART NOTE PROCEDURE NA AT NIGHT. ADD NOTE: CIRCLING RWY 11 NA AT NIGHT. 1610252026-1706062026EST.

ROGERS CITY

Presque Isle County

FDC 6/0986 PZQ IAP PRESQUE ISLE COUNTY, ROGERS CITY, MI. RNAV (GPS) RWY 9, ORIG...NOTE: NIGHT LANDING: RWY 9 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 NA AT NIGHT. 1611012213-1706132212EST.

ROMEO

Romeo State

FDC 6/1618 D98 IAP ROMEO STATE, ROMEO, MI. RNAV (GPS) RWY 36, AMDT 1B...DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING RWY 18 NA AT NIGHT. 1611202338-1707022338EST.

FDC 6/1615 D98 IAP ROMEO STATE, ROMEO, MI. RNAV (GPS) RWY 18, AMDT 1A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: STRAIGHT-IN RWY 18 NA AT NIGHT, CIRCLING RWY 18 NA AT NIGHT. 1611202337-1707022337EST.

SAGINAW

MBS Intl

FDC 6/5165 MBS ODP MBS INTL, SAGINAW, MI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 5: BUSH 85 FEET FROM DER, 269 FEET RIGHT OF CENTERLINE, 654 FEET MSL. NOTE: RWY 23: T-L TOWER 1259 FEET FROM DER, 786 FEET LEFT OF CENTERLINE, 29 FEET AGL/698 FEET MSL. TREE 2170 FEET FROM DER, 1070 FEET RIGHT OF CENTERLINE, 725 FEET MSL. NOTE: RWY 32: TREE 1447 FEET FROM DER, 706 FEET LEFT OF CENTERLINE, 734 FEET MSL. TREE 3627 FEET FROM DER, 651 FEET LEFT OF CENTERLINE, 767 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612272210-1708082210EST.

SAULT STE MARIE

Chippewa County Intl

FDC 7/2091 CIU IAP CHIPPEWA COUNTY INTL, SAULT STE MARIE, MI. RNAV (GPS) RWY 16, AMDT 1A...LPV NA. 1702072136-1709192136EST.

FDC 6/6846 CIU IAP CHIPPEWA COUNTY INTL, SAULT STE MARIE, MI. ILS OR LOC RWY 16, AMDT 8C...S-ILS 16 DA 1090/HAT 291. DISREGARD NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1325. NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1160. NOTE: ILS GS UNUSABLE BELOW 1090. 1609021828-1704141828EST.

Sault Ste Marie Muni/Sanderson Field

FDC 6/0560 ANJ IAP SAULT STE MARIE MUNI/SANDERSON FIELD, SAULT STE MARIE, MI. RNAV (GPS) RWY 14, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. 1609121938-1704241938EST.

FDC 6/0558 ANJ IAP SAULT STE MARIE MUNI/SANDERSON FIELD, SAULT STE MARIE, MI. RNAV (GPS) RWY 32, ORIG-A...VOR RWY 32, AMDT 3A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 NA AT NIGHT. 1609121936-1704241935EST.

SOUTH HAVEN

South Haven Area Rgnl

FDC 7/2620 LWA IAP SOUTH HAVEN AREA RGNL, SOUTH HAVEN, MI. VOR RWY 23, AMDT 11A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ELX VOR/DME OUT OF SERVICE. 1702081942-1703281942EST.

FDC 6/3852 LWA IAP SOUTH HAVEN AREA RGNL, SOUTH HAVEN, MI. RNAV (GPS) RWY 23, AMDT 1C...RNAV (GPS) RWY 5, AMDT 1C...VOR RWY 23, AMDT 11A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610201341-1706011341EST.

SPARTA

Paul C Miller-Sparta

FDC 7/2075 8D4 IAP PAUL C MILLER-SPARTA, SPARTA, MI. VOR-A, AMDT 4A...ALTERNATE MINIMUMS NA, MKG VORTAC UNMONITORED. 1702072127-1703072127EST.

FDC 6/8655 8D4 IAP PAUL C MILLER-SPARTA, SPARTA, MI. RNAV (GPS) RWY 25, ORIG...RNAV (GPS) RWY 7, ORIG...DESCENT ANGLE 3.04/TCH 40 NA. 1612072243-1707192243EST.

FDC 6/3229 8D4 IAP PAUL C MILLER-SPARTA, SPARTA, MI. VOR-A, AMDT 4A...PROCEDURE NA. 1608121508-1703241508EST.

ST IGNACE

Mackinac County

FDC 7/4497 83D IAP MACKINAC COUNTY, ST IGNACE, MI. RNAV (GPS) RWY 25, ORIG-A...LNAV MDA 1040/HAT 417 CATS A/B/C. NOTE: CIRCLING RWY 7 NA AT NIGHT. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 1701141923-1708261923EST.

FDC 7/4495 83D IAP MACKINAC COUNTY, ST IGNACE, MI. RNAV (GPS) RWY 7, ORIG-A...NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT.. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. VDP NA. 1701141921-1708261921EST.

STURGIS

Kirsch Muni

FDC 6/9692 IRS IAP KIRSCH MUNI, STURGIS, MI. NDB RWY 18, AMDT 5D...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: NIGHT LANDING RWY 18 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609101053-1704221053EST.

THREE RIVERS

Three Rivers Muni Dr Haines

FDC 7/2619 HAI IAP THREE RIVERS MUNI DR HAINES, THREE RIVERS, MI. VOR-A, AMDT 10A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ELX VOR/DME OUT OF SERVICE. 1702081942-1703281942EST.

TROY

Oakland/Troy

FDC 6/1590 VLL IAP OAKLAND/TROY, TROY, MI. RNAV (GPS) RWY 9, AMDT 2A...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1611202312-1707022312EST.

MINNESOTA

AUSTIN

Austin Muni

FDC 6/6414 AUM IAP AUSTIN MUNI, AUSTIN, MN. RNAV (GPS) RWY 17, AMDT 1B...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: RWY 17 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1611101842-1706221842EST.

FDC 6/0602 AUM IAP AUSTIN MUNI, AUSTIN, MN. VOR RWY 17, AMDT 2...PROCEDURE NA. 1610141740-1705261740EST.

CALEDONIA

Houston County

FDC 6/1622 CHU IAP HOUSTON COUNTY, CALEDONIA, MN. VOR/DME OR GPS-A, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. 1611202342-1707022342EST.

COOK

Cook Muni

FDC 6/3025 CQM IAP COOK MUNI, COOK, MN. RNAV (GPS) RWY 31, AMDT 1A...VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 47). 1612161520-1707281520EST.

FDC 6/3024 CQM IAP COOK MUNI, COOK, MN. RNAV (GPS) RWY 13, ORIG-A...VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 44). 1612161520-1707281520EST.

DETROIT LAKES

Detroit Lakes-Wething Field

FDC 6/2658 DTL ODP DETROIT LAKES-WETHING FIELD, DETROIT LAKES, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE: RWY 13, CLIMB HEADING 135 DEGREES TO 1800 BEFORE TURNING LEFT. NOTE: RWY 13, TREES, 52 FT FROM DEPARTURE END OF RWY, 3 FEET LEFT OF CENTERLINE. UP TO 100 FT AGL/1423 FT MSL. TREES, 964 FT FROM DEPARTURE END OF RWY, 175 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1420 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232115-1707052115EST.

DULUTH

St Mary's Hospital

FDC 6/7241 MN33 SPECIAL ST MARY S HOSPITAL, DULUTH, MN. COPTER GPS 330, ORIG...COPTER RNAV (GPS) 190, AMDT 1...IFR DEPARTURE NA. 1612061722-1707181722EST.

ELBOW LAKE

Elbow Lake Muni - Pride Of The Prairie

FDC 6/8667 Y63 IAP ELBOW LAKE MUNI - PRIDE OF THE PRAIRIE, ELBOW LAKE, MN. RNAV (GPS) RWY 14, ORIG-A...RNAV (GPS) RWY 32, ORIG-A...DISREGARD NOTE: PROCEDURE NA AT NIGHT.. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1612072246-1707192246EST.

ELY

Ely Muni

FDC 6/0654 ELO IAP ELY MUNI, ELY, MN. RNAV (GPS) RWY 12, AMDT 1B...LPV DA 1702/HAT 250. 1609131103-1704251103EST.

EVELETH

Eveleth-Virginia Muni

FDC 6/1584 EVM IAP EVELETH-VIRGINIA MUNI, EVELETH, MN. RNAV (GPS) RWY 27, ORIG-A...LPV DA 1634 / HAT 262 VISIBILITY 1 1/8 ALL CATS. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. NOTE: CIRCLING TO RWYS 14 AND 32 NA. 1611202302-1707022302EST.

FDC 6/1582 EVM IAP EVELETH-VIRGINIA MUNI, EVELETH, MN. VOR RWY 27, AMDT 1A...VOR/DME-A, AMDT 2...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. NOTE: CIRCLING TO RWYS 14 AND 32 NA. 1611202301-1707022301EST.

FDC 6/1373 EVM ODP EVELETH-VIRGINIA MUNI, EVELETH, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 14, 32 NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611201925-1707021924EST.

FAIRMONT

Fairmont Muni

FDC 7/0817 FRM IAP FAIRMONT MUNI, FAIRMONT, MN. COPTER ILS RWY 31, ORIG-B...ILS OR LOC RWY 31, ORIG-E...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FRM VOR OUT OF SERVICE. 1701042214-1708162214EST.

FDC 6/9905 FRM IAP FAIRMONT MUNI, FAIRMONT, MN. VOR/DME RWY 13, AMDT 1B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1609111807-1704231806EST.

FARIBAULT

District One Hospital

FDC 6/4453 MN59 SPECIAL DISTRICT ONE HOSPITAL, FARIBAULT, MN. COPTER RNAV (GPS) 270, ORIG...IFR DEPARTURE NA. 1610201810-1706011800EST.

Faribault Muni

FDC 6/8741 FBL IAP FARIBAULT MUNI, FARIBAULT, MN. RNAV (GPS) RWY 30, AMDT 1B...LPV MINIMUMS NA. 1610281502-1706091502EST.

FDC 6/8647 FBL ODP FARIBAULT MUNI, FARIBAULT, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...CHANGE NOTE TO READ: NOTE RWY 12, VEHICLES ON ROAD BEGINNING 324 FT FROM DER, 335 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/1062 FT MSL. VEHICLES ON ROAD BEGINNING 27 FT FROM DER, 287 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1063 FT MSL. TREES BEGINNING 123 FT FROM DER, 462 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1109 FT MSL. POLES BEGINNING 372 FT FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1085 FT MSL. BUILDING 799 FT FROM DER, 703 FT LEFT OF CENTERLINE, 25 FT AGL/1072 FT MSL. CHIMNEY 980 FT FROM DER, 670 FT LEFT OF CENTERLINE, 47 FT AGL/1084 FT MSL. RWY 30, TREES BEGINNING 17 FT FROM DER, 261 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/1127 FT MSL. TREES BEGINNING 1467 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/1102 FT MSL. TREES BEGINNING 2368 FT FROM DER, 649 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1146 FT MSL. NAVAID 39 FT FROM DER, 112 FT LEFT OF CENTERLINE, 6 FT AGL/1061 FT MSL. TERRAIN 87 FT FROM DER, 342 FT RIGHT OF CENTERLINE, UP TO 1064 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1612072240-1707192240EST.

GLENCOE

Glencoe Muni

FDC 6/9162 GYL IAP GLENCOE MUNI, GLENCOE, MN. RNAV (GPS) RWY 13, ORIG...LPV VISIBILITY CAT A, B 1. LNAV/VNAV VISIBILITY CAT A, B 1.. 1611162048-1706282044EST.

GRAND MARAIS

Grand Marais/Cook County

FDC 7/2050 CKC IAP GRAND MARAIS/COOK COUNTY, GRAND MARAIS, MN. RNAV (GPS) RWY 9, ORIG-A...PROCEDURE NA. 1702072106-1709192106EST.

FDC 7/2048 CKC ODP GRAND MARAIS/COOK COUNTY, GRAND MARAIS, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS RWY 27, NA. 1702072105-1709192104EST.

INTERNATIONAL FALLS

Falls Intl-Einarson Field

FDC 6/6365 INL IAP FALLS INTL-EINARSON FIELD, INTERNATIONAL FALLS, MN. VOR RWY 31, AMDT 15B...S-31 MDA 1680/ HAT 506 ALL CATS. CIRCLING CAT A MDA 1680/ HAA 495. TEMPORARY CRANES UP TO 1322 MSL BEGINNING 1008FT EAST OF INL AIRPORT (2016-AGL-7505-NRA THROUGH 2016-AGL-7508-NRA). 1610101049-1705221049EST.

FDC 6/6364 INL IAP FALLS INTL-EINARSON FIELD, INTERNATIONAL FALLS, MN. RNAV (GPS) RWY 31, ORIG-A...CIRCLING CAT A MDA 1680/ HAA 495. TEMPORARY CRANES UP TO 1322 MSL BEGINNING 1008FT EAST OF INL AIRPORT (2016-AGL-7505-NRA THROUGH 2016-AGL-7508-NRA). 1610101049-1705221049EST.

FDC 6/6362 INL IAP FALLS INTL-EINARSON FIELD, INTERNATIONAL FALLS, MN. ILS OR LOC RWY 31, AMDT 10B...CIRCLING CAT A MDA 1680/ HAA 495. ALETE FIX MINIMUMS: CIRCLING CAT A MDA 1680/ HAA 495. TEMPORARY CRANES UP TO 1322 MSL BEGINNING 1008FT EAST OF INL AIRPORT (2016-AGL-7505-NRA THROUGH 2016-AGL-7508-NRA). 1610101049-1705221049EST.

FDC 6/4517 INL IAP FALLS INTL-EINARSON FIELD, INTERNATIONAL FALLS, MN. ILS OR LOC RWY 31, AMDT 10B...CHANGE NOTE TO READ: AUTOPILOT COUPLED APPROACH NA BELOW 1731. 1610202004-1706012004EST.

JACKSON

Jackson Muni

FDC 6/3073 MJQ IAP JACKSON MUNI, JACKSON, MN. RNAV (GPS) RWY 13, AMDT 1A...MISSED APPROACH: CLIMB TO 4200 DIRECT MCQIN AND HOLD SE, RT, 315.00 INBOUND. 1610191703-1705311703EST.

LONGVILLE

Longville Muni

FDC 7/3843 XVG IAP LONGVILLE MUNI, LONGVILLE, MN. NDB RWY 31, ORIG...CIRCLING RWY 13 NA AT NIGHT. NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701121556-1708241556EST.

FDC 7/3839 XVG IAP LONGVILLE MUNI, LONGVILLE, MN. RNAV (GPS) RWY 31, ORIG...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {4.00}/TCH {28}). NOTE: CIRCLING RWY 13 NA AT NIGHT. NOTE: RWY 31 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701121554-1708241554EST.

MAPLE LAKE

Maple Lake Muni-Bill Mavencamp Sr Fld

FDC 6/4141 MGG IAP MAPLE LAKE MUNI-BILL MAVENCAMP SR FLD, MAPLE LAKE, MN. RNAV (GPS) RWY 28, ORIG-B...LP MDA NA. LNAV MDA NA. 1612202202-1708012202EST.

MC GREGOR

Isedor Iverson

FDC 6/6855 HZX IAP ISEDOR IVERSON, MC GREGOR, MN. RNAV (GPS) RWY 14, ORIG...RNAV (GPS) RWY 32, ORIG...DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1610111559-1705231558EST.

MINNEAPOLIS

Abbott Northwestern Hospital

FDC 6/7243 MN10 SPECIAL ABBOTT NORTHWESTERN HOSPITAL, MINNEAPOLIS, MN. COPTER RNAV (GPS) 284, ORIG...PROCEDURE NA. 1612061730-1707181730EST.

Airlake

FDC 6/0774 LVN IAP AIRLAKE, MINNEAPOLIS, MN. RNAV (GPS) RWY 12, ORIG...LPV MINIMUMS NA. LNAV/VNAV MINIMUMS NA. LNAV MDA 1500/HAT 540 ALL CATS. VIS CAT C/D 1 1/2. NOTE: WHEN USING MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN ALTIMETER SETTING INCREASE LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 3/8 MILE. NOTE: NIGHT LANDING: RWY 12 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. 1610141834-1705261834EST.

FDC 6/0772 LVN IAP AIRLAKE, MINNEAPOLIS, MN. ILS OR LOC RWY 30, ORIG-F...RNAV (GPS) RWY 30, ORIG-A...NOTE: NIGHT LANDING: RWY 12 NA. 1610141832-1705261832EST.

FDC 6/0768 LVN IAP AIRLAKE, MINNEAPOLIS, MN. VOR RWY 12, AMDT 2...NOTE: NIGHT LANDING: RWY 12 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 12 PROCEDURE NA AT NIGHT. 1610141830-1705261830EST.

Anoka County-Blaine Arpt (Janes Field)

FDC 7/6162 ANE SID ANOKA COUNTY-BLAINE ARPT (JANES FIELD), MINNEAPOLIS, MN. ORSKY NINE DEPARTURE...ROCHESTER EIGHT DEPARTURE...SCHEP EIGHT DEPARTURE...ZMBRO SIX DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FOW VOR/DME OUT OF SERVICE. 1701192224-1702192224EST.

Crystal

FDC 6/1415 MIC IAP CRYSTAL, MINNEAPOLIS, MN. RNAV (GPS) RWY 14L, ORIG...NOTE: CIRCLING NA TO RWYS 6R AND 24L. NOTE: CIRCLING RWY 14R, 24R, 32L, 32R NA AT NIGHT. 1610171743-1705291743EST.

Flying Cloud

FDC 7/6163 FCM SID FLYING CLOUD, MINNEAPOLIS, MN. ORSKY NINE DEPARTURE...ROCHESTER EIGHT DEPARTURE...SCHEP EIGHT DEPARTURE...ZMBRO SIX DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FOW VOR/DME OUT OF SERVICE. 1701192224-1702192224EST.

FDC 7/4292 FCM IAP FLYING CLOUD, MINNEAPOLIS, MN. RNAV (GPS) RWY 28R, AMDT 2D...LNAV MDA 1320/HAT 420 ALL CATS. VIS CATS C/D 1 1/8. 1701132123-1708252123EST.

FDC 6/4706 FCM IAP FLYING CLOUD, MINNEAPOLIS, MN. COPTER ILS OR LOC RWY 10R, AMDT 1A...ILS OR LOC RWY 10R, AMDT 3C...RNAV (GPS) RWY 10L, AMDT 1C...RNAV (GPS) RWY 10R, ORIG-B...RNAV (GPS) RWY 28L, AMDT 2B...RNAV (GPS) RWY 28R, AMDT 2D...RNAV (GPS) RWY 36, AMDT 2A...VOR RWY 10R, AMDT 9B...VOR/DME RWY 36, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 18/36 NA. NOTE: NIGHT LANDING: RWY 18, 36 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1609191807-1705011807EST.

Minneapolis-St Paul Intl/Wold-Chamberlain

FDC 7/6424 MSP SID MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. COULT SIX DEPARTURE...DARWIN SIX DEPARTURE...KBREW EIGHT DEPARTURE...LEINY FIVE DEPARTURE (RNAV)...MINNEAPOLIS SEVEN DEPARTURE...ORSKY NINE DEPARTURE...ROCHESTER EIGHT DEPARTURE...SCHEP EIGHT DEPARTURE...SMERF SIX DEPARTURE (RNAV)...WLSTN SIX DEPARTURE...ZMBRO SIX DEPARTURE...NOTE: RWY 30L, ANTENNA TOWER, 3550 FT FROM DEPARTURE END OF RWY, 1333 FT LEFT OF CENTERLINE, 111 FT AGL/937 FT MSL, 2016-AGL-6359-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701202121-1709012121EST.

FDC 7/6422 MSP ODP MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 12...NOTE: RWY 30L, ANTENNA TOWER, 3550 FT FROM DEPARTURE END OF RWY, 1333 FT LEFT OF CENTERLINE, 111 FT AGL/937 FT MSL, 2016-AGL-6359-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701202119-1709012119EST.

FDC 7/6164 MSP SID MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. ORSKY NINE DEPARTURE...ROCHESTER EIGHT DEPARTURE...SCHEP EIGHT DEPARTURE...ZMBRO SIX DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701192224-1702192224EST.

FDC 6/9903 MSP IAP MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. RNAV (GPS) RWY 4, AMDT 2B...LNAV/VNAV DA 1277/HATH 445 ALL CATS. VIS RVR 5000 ALL CATS. FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE AND LNAV CAT E VISIBILITY TO 1 1/4 MILE. BUILDING, 991 MSL, 1.15 NM SOUTH OF APPROACH END RWY 4. 1609111752-1704231752EST.

FDC 5/8691 MSP STAR MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. BLUEM TWO RNAV ARRIVAL...HELLO TRANSITION ATC ASSIGNED ONLY. 1508061630-PERM.

FDC 5/4673 MSP STAR MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. WILDD THREE ARRIVAL...PROCEDURE NOT AUTHORIZED N/A. 1503240600-PERM.

MOOSE LAKE

Moose Lake Carlton County

FDC 6/2385 MZH IAP MOOSE LAKE CARLTON COUNTY, MOOSE LAKE, MN. NDB RWY 4, AMDT 1...NOTE: NIGHT LANDING: RWY 04 NA. NOTE: RWY 04 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611031632-1706151632EST.

NEW ULM

New Ulm Muni

FDC 6/3888 ULM IAP NEW ULM MUNI, NEW ULM, MN. RNAV (GPS) RWY 33, ORIG-A...LPV DA 1261/HAT 250 ALL CATS. CIRCLING CAT A MDA 1440/HAA 429. NOTE: CIRCLING NA TO RWYS 4 AND 22. DISREGARD NOTE: INOP TABLE DOES NOT APPLY TO LPV ALL CATS. CHANGE FOR INOP MALSF, INCREASE LNAV/VNAV NOTE TO READ: FOR INOP MALSF, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE, LNAV/VNAV CAT D AND LNAV CAT D TO 1 1/4 MILE. CHANGE FOR INOPERATIVE MALSF WHEN USING ST JAMES ALTIMETER SETTING NOTE TO READ: FOR INOPERATIVE MALSF WHEN USING ST JAMES ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE, LNAV/VNAV CAT D TO 1 1/8 MILE, AND LNAV CAT D TO 1 1/4 MILE. 1610201343-1706011343EST.

FDC 6/0843 ULM IAP NEW ULM MUNI, NEW ULM, MN. RNAV (GPS) RWY 15, ORIG-B...LPV VIS 7/8 ALL CATS. LNAV/VNAV DA 1292/HAT 281 ALL CATS. LNAV MDA 1400/HAT 389 ALL CATS, VIS CAT C/D 1 1/8. CIRCLING CAT A MDA 1440/HAA 429. NOTE: 34:1 IS CLEAR. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP AT 1.16 MILES TO RW15*. NOTE: FAS OBST: 1131 TOWER 441933N/0942957W.. 1612122155-1707242155EST.

OWATONNA

Owatonna Degner Rgnl

FDC 7/6166 OWA IAP OWATONNA DEGNER RGNL, OWATONNA, MN. ILS OR LOC RWY 30, AMDT 3...MISSED APPROACH: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT MKT VOR/DME AND HOLD, FOW VOR/DME OUT OF SERVICE. 1701192224-1702192224EST.

PARK RAPIDS

Park Rapids Muni-Konshok Field

FDC 7/2490 PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. VOR RWY 13, AMDT 9B...ALTERNATE MINIMUMS NA, PKD VOR/DME UNMONITORED. 1702081725-1703281725EST.

FDC 6/8621 PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. ILS OR LOC RWY 31, AMDT 1D...CHANGE ALL REFERENCE TO RWY 17/35 TO RWY 18/36. NOTE: NIGHT LANDING: RWY 18/36 NA. 1612072227-1707192227EST.

FDC 6/8617 PKD IAP PARK RAPIDS MUNI-KONSHOK FIELD, PARK RAPIDS, MN. RNAV (GPS) RWY 13, ORIG-B...RNAV (GPS) RWY 31, ORIG-B...VOR RWY 13, AMDT 9B...CHANGE ALL REFERENCE TO RWY 17/35 TO RWY 18/36. NOTE: NIGHT LANDING: RWY 18/36 NA. DISREGARD NOTE: CIRCLING TO RWY 17/35 NA AT NIGHT. 1612072225-1707192225EST.

RED WING

Red Wing Rgnl

FDC 6/3696 RGK ODP RED WING RGNL, RED WING, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 1700. ALL OTHER DATA REMAINS AS PUBLISHED. 1609161637-1704281637EST.

ROCHESTER

Mayo Clinic - Saint Marys Hospital

FDC 7/4548 99MN SPECIAL MAYO CLINIC - SAINT MARYS HOSPITAL, ROCHESTER, MN. COPTER GPS 326, ORIG...PROCEED VFR FROM DOZXO OR CONDUCT THE SPECIFIED MISSED APPROACH. IFR DEPARTURE NA.. 1701142031-1708262031EST.

FDC 7/4546 99MN SPECIAL MAYO CLINIC - SAINT MARYS HOSPITAL, ROCHESTER, MN. COPTER GPS 140, ORIG...PROCEED VFR FROM EKHOK OR CONDUCT THE SPECIFIED MISSED APPROACH. IFR DEPARTURE NA.. 1701142029-1708262029EST.

Rochester Intl

FDC 6/1420 RST IAP ROCHESTER INTL, ROCHESTER, MN. VOR/DME RWY 20, AMDT 14...S-20 MDA 1720/HATH 438 ALL CATS. VIS CAT C/D 1 1/4. CIRCLING CAT A MDA 1780/HAA 463. 1611201948-1707021948EST.

FDC 6/1418 RST IAP ROCHESTER INTL, ROCHESTER, MN. RADAR RWY 20 - MAP 0.0, AMDT 8...ASR RWY 20 MDA 1720/HAT 416 ALL CATS. VIS CAT C 1 1/8. CIRCLING CAT A MDA 1780/HAA 463. 1611201947-1707021947EST.

FDC 6/1413 RST IAP ROCHESTER INTL, ROCHESTER, MN. ILS OR LOC RWY 13, AMDT 8...ILS OR LOC RWY 31, AMDT 22A...RNAV (GPS) RWY 13, AMDT 1...RNAV (GPS) RWY 2, AMDT 3A...RNAV (GPS) RWY 31, AMDT 1A...VOR RWY 2, AMDT 17A...CIRCLING CAT A MDA 1780/HAA 438. 1611201945-1707021945EST.

FDC 6/1411 RST IAP ROCHESTER INTL, ROCHESTER, MN. RNAV (GPS) RWY 20, AMDT 2A...LNAV/VNAV DA 1631/HAT 326 ALL CATS. LNAV MDA 1720/HAT 415 ALL CATS. VIS CAT C/D 1 1/8. CIRCLING CAT A MDA 1780/HAA 463. 1611201943-1707021943EST.

RUSHFORD

Rushford Muni

FDC 6/0534 55Y IAP RUSHFORD MUNI, RUSHFORD, MN. RNAV (GPS) RWY 34, ORIG...DELETE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL SEGMENT - HIGH TERRAIN. 1611181435-1706301435EST.

ST CLOUD

St Cloud Rgnl

FDC 7/6625 STC IAP ST CLOUD RGNL, ST CLOUD, MN. VOR RWY 31, ORIG-A...S-31 MDA 1460/HAT 441 ALL CATS. VIS CAT C 7/8. VDP AT 1.88 DME FROM STC VOR/DME; DISTANCE VDP TO THLD 1.23 MILES. 1701222112-1709032112EST.

ST JAMES

St James Muni

FDC 7/0814 JYG IAP ST JAMES MUNI, ST JAMES, MN. NDB RWY 33, AMDT 1B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FRM VOR OUT OF SERVICE. 1701042213-1708162212EST.

ST PAUL

St Paul Downtown Holman Fld

FDC 7/8620 STP IAP ST PAUL DOWNTOWN HOLMAN FLD, ST PAUL, MN. ILS OR LOC RWY 14, AMDT 1A...ILS OR LOC RWY 32, AMDT 5...NOTE: ALTERNATE MINIMUMS NA WHEN CONTROL TOWER CLOSED. 1701272017-1709082017EST.

FDC 7/6165 STP SID ST PAUL DOWNTOWN HOLMAN FLD, ST PAUL, MN. ORSKY NINE DEPARTURE...ROCHESTER EIGHT DEPARTURE...SCHEP EIGHT DEPARTURE...ZMBRO SIX DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FOW VOR/DME OUT OF SERVICE. 1701192224-1702192224EST.

FDC 6/3725 STP IAP ST PAUL DOWNTOWN HOLMAN FLD, ST PAUL, MN. ILS OR LOC RWY 32, AMDT 5...S-ILS 32 DA 1011/HAT 307. 1608291536-1704101536EST.

THIEF RIVER FALLS

Thief River Falls Rgnl

FDC 6/4721 TVF IAP THIEF RIVER FALLS RGNL, THIEF RIVER FALLS, MN. ILS OR LOC RWY 31, AMDT 4...S-LOC 31: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOLD IN LIEU OF PROCEDURE TURN DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HARVI (HY) LOM OUT OF SERVICE. 1611301706-1712071706EST.

TRACY

Tracy Muni

FDC 7/8915 TKC IAP TRACY MUNI, TRACY, MN. RNAV (GPS) RWY 29, ORIG...VDP NA.. 1701292220-1709102220EST.

FDC 7/8913 TKC IAP TRACY MUNI, TRACY, MN. RNAV (GPS) RWY 11, ORIG...LNAV MDA 1940/HAT 604. VDP NA. 1701292218-1709102218EST.

WARREN

Warren Muni

FDC 6/4680 D37 IAP WARREN MUNI, WARREN, MN. RNAV (GPS) RWY 30, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING TO RWY 4, 22 NA. 1609191758-1705011758EST.

WESTBROOK

Sanford Westbrook Clinic

FDC 6/7269 4MN6 SPECIAL SANFORD WESTBROOK CLINIC, WESTBROOK, MN. LINGY ONE DEPARTURE...DP ROUTE DESCRIPTION: HOVER AT OR ABOVE 20 FEET AGL: CLIMB TO CROSS WHOSO ON COURSE 193 AT OR ABOVE 2020. CONTINUE CLIMB ON DEPICTED ROUTE TO CROSS LINGY AT OR ABOVE 3900. ALL OTHER DATA REMAINS AS PUBLISHED. 1612061804-1707181804EST.

FDC 6/7244 4MN6 SPECIAL SANFORD WESTBROOK CLINIC, WESTBROOK, MN. COPTER RNAV (GPS) 01, ORIG...NOTE: TERMINATE APPROACH AT OR ABOVE 20 FEET HELIPORT CROSSING HEIGHT (HCH). 1612061733-1707181733EST.

WHEATON

Wheaton Muni

FDC 6/2600 ETH ODP WHEATON MUNI, WHEATON, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 16 TREES BEGINNING 252 FT FROM DER, 459 FT LEFT OF CENTERLINE, UP TO 93FT AGL/1116 FT MSL. TREES BEGINNING 540 FT FROM DER, 329 FT RIGHT OF CENTERLINE, UP TO 102 FT AGL/1125 FT MSL. POLE 591 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 40 FT AGL/1061 FT MSL. POLE 760 FT FROM DER, 668 FT LEFT OF CENTERLINE, 32 FT AGL/1055 FT MSL. BLDGS 806 FT FROM DER, 503 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/1047 FT MSL. TREES BEGINNING 1193 FT FROM DER, 3 FT RIGHT OF CENTERLINE UP TO 93 FT AGL/1116 FT MSL. NOTE: RWY 34 BLDGS BEGINNING 2 FT FROM DER, 453 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/ 1044 FT MSL. VEHICLE ON ROAD, 284 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 17FT AGL/ 1025 FT MSL. TREES BEGINNING 97 FT FROM DER, 496 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/1078 FT. TAKE-OFF MINIMUMS RWY 06,24 NA - ENVIRONMENTAL. DISREGARD NOTE RWYS 4,22 NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232056-1707052056EST.

WILLMAR

Willmar Muni-John L Rice Field

FDC 7/4274 BDH IAP WILLMAR MUNI-JOHN L RICE FIELD, WILLMAR, MN. ILS OR LOC RWY 13, ORIG...RNAV (GPS) RWY 13, ORIG-A...RNAV (GPS) RWY 31, AMDT 1A...VOR RWY 31, ORIG-A...CHART NOTE: CIRCLING NA TO RWYS 3 AND 21. 1701132100-1708252100EST.

WINONA

Winona Muni-Max Conrad Fld

FDC 6/8090 ONA ODP WINONA MUNI-MAX CONRAD FLD, WINONA, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...DELETE ALL REFERENCE TO RWY 17/35. ALL OTHER DATA REMAINS AS PUBLISHED. 1612071542-1707191542EST.

MISSISSIPPI

BAY ST LOUIS

Stennis Intl

FDC 6/8912 HSA IAP STENNIS INTL, BAY ST LOUIS, MS. ILS Y OR LOC Y RWY 18, ORIG...ILS Z OR LOC Z RWY 18, AMDT 2...MISSED APPROACH: CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1800 ON PCU VOR/DME R-133 TO CLERY INT AND HOLD. WHEN AUTHORIZED BY ATC CONTINUE CLIMB-IN-HOLD TO 5000. 1610281807-1706091806EST.

FDC 6/1594 HSA IAP STENNIS INTL, BAY ST LOUIS, MS. ILS Y OR LOC Y RWY 18, ORIG...MISSED APPROACH: CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT STENN WP AND HOLD. 1611202317-1707022317EST.

BROOKHAVEN

Brookhaven-Lincoln County

FDC 6/1460 1R7 IAP BROOKHAVEN-LINCOLN COUNTY, BROOKHAVEN, MS. RNAV (GPS) RWY 22, ORIG...LNAV HAT 472 ALL CATS. CIRCLING CAT A MDA 1040/HAA 548, CATS B/C HAA 588. CHANGE AIRPORT ELEVATION FROM 489 TO 492. CHANGE TDZE FROM 487 TO 488. NOTE: NIGHT LANDING: RWY 22 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE IF LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCCOMB ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 MILE. 1611202009-1707022009EST.

CLEVELAND

Cleveland Muni

FDC 7/1012 RNV IAP CLEVELAND MUNI, CLEVELAND, MS. RNAV (GPS) RWY 36, ORIG-B...CHART TDZE 140 DELETE THRE 140. CHART NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 36, ORIG-C. 1702032135-PERM.

FDC 7/1011 RNV IAP CLEVELAND MUNI, CLEVELAND, MS. RNAV (GPS) RWY 18, AMDT 1...CHART TDZE 140, DELETE THRE 140. CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1702032135-PERM.

COLUMBUS/W POINT/STARKVILLE

Golden Triangle Rgnl

FDC 7/4218 GTR IAP GOLDEN TRIANGLE RGNL, COLUMBUS/W POINT/STARKVILLE, MS. RNAV (GPS) RWY 36, AMDT 1...LNAV/VNAV DA 660/HAT 407, VIS 1 3/8 ALL CATS. LNAV MDA 760/HAT 507 ALL CATS. VIS CATS C/D/E 1 3/8. VDP 1.41 NM TO RW 36. TEMP CRANE 449 MSL 3445 FT NE OF RWY 36 (2016-ASO-9751-OE). 1701131730-1702141729EST.

GREENWOOD

Greenwood-Leflore

FDC 6/5266 GWO IAP GREENWOOD-LEFLORE, GREENWOOD, MS. RNAV (GPS) RWY 5, AMDT 2...NOTE: STRAIGHT-IN RWY 5 NA AT NIGHT, CIRCLING RWY 5, 23, 27 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: RWY 5 STRAIGHT-IN/CIRCLING AND CIRCLING TO RWY 23/27 NA AT NIGHT. 1612281543-1708091543EST.

GULFPORT

Gulfport-Biloxi Intl

FDC 6/4211 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. HI ILS OR LOC/DME RWY 14, AMDT 6A...HI ILS OR LOC/DME RWY 32, ORIG...HI TACAN RWY 14, AMDT 6...CHANGE ARPT ELEV TO 28 CIRCLING CAT D MDA 720/HAA 692 VIS CAT D 2 1/4. 1608301333-1704111333EST.

FDC 6/4186 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. VOR RWY 32, AMDT 21B...VOR/DME OR TACAN RWY 14, AMDT 3A...CIRCLING CAT A MDA 620/HAA 592, CAT D MDA 720/HAA 692, VIS CAT D 2 1/4. ALTERNATE MINIMUMS: CAT D, 800-2 1/4. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4185 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. VOR/DME OR TACAN RWY 32, AMDT 4B...S-32 MDA 580/HAT 558 ALL CATS. VIS CATS C/D/E RVR 6000. CIRCLING CAT A 620/HAA 592, CAT D MDA 720/HAA 692, VIS CAT D 2 1/4. VDP: 2.46 DME FROM GPT VORTAC OR 1.52 NM FROM RW32. ALTERNATE MINIMUMS: CAT D, 800-2 1/4. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4184 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. RNAV (GPS) RWY 14, AMDT 1...RNAV (GPS) RWY 18, AMDT 1A...CIRCLING CATS A/B MDA 620/HAA 592, CAT D MDA 720/HAA 692, VIS CAT D 2 1/4. ALTERNATE MINIMUMS: CAT D, 800-2 1/4. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4181 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. RADAR ASR RWY 14, AMDT 6B...CIRCLING CAT A MDA 620/HAA 591, CAT D MDA 720/HAA 692. VIS CAT D 2 1/4. NOTE: NOT FOR CIVIL USE. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4178 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. RADAR ASR RWY 32, AMDT 6B...ASR RWY 32 MDA 580/HAT 558 ALL CATS. VIS CATS C/D/E RVR 6000. CIRCLING CAT A MDA 620/HAA 591, CAT D MDA 720/HAA 692. VIS CAT D 2 1/4. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4175 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. ILS OR LOC RWY 32, AMDT 4C...RNAV (GPS) RWY 32, AMDT 1...CIRCLING CATS A/B MDA 620/HAA 592, CAT D MDA 720/HAA 692, VIS CAT D 2 1/4. ALTERNATE MINIMUMS: CAT D, 800-2 1/4. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4174 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. HI TACAN RWY 32, AMDT 5...S-32 MDA 580/HAT 558, VIS RVR 6000 ALL CATS. VDP: 2.46 DME FROM GPT VORTAC. CIRCLING CAT D MDA 720/HAA 692, VIS CAT D 2 1/4. CHANGE ARPT ELEV TO 28. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/4172 GPT IAP GULFPORT-BILOXI INTL, GULFPORT, MS. RNAV (GPS) RWY 32, AMDT 1...LNAV/VNAV DA 667/HAT 645, VIS 1 3/4 ALL CAT. LNAV MDA 580/HAT 558 ALL CATS. VIS CATS C/D RVR 6000. CIRCLING CATS A/B MDA 620/HAA 591, CAT D MDA 720/HAA 692. VIS CAT D 2 1/4. VDP 1.52 NM TO RW32. ALTERNATE MINIMUMS: CAT D, 800-2 1/4. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. TEMP CRANE 270 MSL 1.15 NM SE OF RWY 32 (2015-ASO-15603-OE). 1608301314-1704111314EST.

FDC 6/1070 GPT IAP U.S. DOD GULFPORT-BILOXI INTL, GULFPORT, MS. HI TACAN RWY 32, AMDT 5...PROCEDURE NA. 1609131854-1704251854EST.

HATTIESBURG-LAUREL

Hattiesburg-Laurel Rgnl

FDC 6/1518 PIB ODP HATTIESBURG-LAUREL RGNL, HATTIESBURG-LAUREL, MS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 18, TREES BEGINNING 50 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/343 FT MSL. TREES BEGINNING 249 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/342 FT MSL. CHANGE RWY 36 NOTE TO READ: TREES BEGINNING 515 FT FROM DER, 551 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/329 FT MSL. TREES BEGINNING 1580 FT FROM DER, 659 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/369 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202040-1707022040EST.

HOLLY SPRINGS

Holly Springs-Marshall County

FDC 6/2896 M41 IAP HOLLY SPRINGS-MARSHALL COUNTY, HOLLY SPRINGS, MS. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...VOR RWY 18, AMDT 7...PROCEDURE NA. 1611271617-1707091617EST.

MADISON

Bruce Campbell Field

FDC 6/7021 MBO IAP BRUCE CAMPBELL FIELD, MADISON, MS. VOR/DME RWY 17, ORIG-B...DESCENT ANGLE 3.42/TCH 38 NA. 1609042243-1704162243EST.

FDC 6/3987 MBO IAP BRUCE CAMPBELL FIELD, MADISON, MS. RNAV (GPS) RWY 17, AMDT 1B...RNAV (GPS) RWY 35, ORIG-B...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1611071549-1706191549EST.

MAGEE

Magee Muni

FDC 7/1005 17M IAP MAGEE MUNI, MAGEE, MS. RNAV (GPS) RWY 36, ORIG...LP CATS A/B/C HAT 545. LNAV CATS A/B/C HAT 565. CHART TDZE 555, DELETE THRE 546. CHART NOTE: RWY 18, 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE PROFILE NOTE: DESCENT ANGLE NA. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1702032110-PERM.

FDC 7/1002 17M IAP MAGEE MUNI, MAGEE, MS. RNAV (GPS) RWY 18, ORIG...LP CATS A/B/C HAT 505. LNAV CATS A/B/C HAT 525. CHART TDZE 555, DELETE THRE 553. CHART NOTE: RWY 18, 36 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE PROFILE NOTE: DESCENT ANGLE NA. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1702032110-PERM.

MERIDIAN

Key Field

FDC 4/6238 MEI IAP KEY FIELD, MERIDIAN, MS. RADAR-1, ORIG...PAR RWY 1 DA 489. ASR RWY 1 HAT 511 ALL CATS. THIS IS RADAR-1, ORIG-A. 1408211459-PERM.

NEW ALBANY

New Albany-Union Co

FDC 6/4404 M72 IAP NEW ALBANY-UNION CO, NEW ALBANY, MS. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...CIRCLING: CAT C MDA 1340/HAA 927, VISIBILITY 2. 1610201739-1706011739EST.

PASCAGOULA

Trent Lott Intl

FDC 6/2367 PQL IAP TRENT LOTT INTL, PASCAGOULA, MS. VOR-A, AMDT 1B...PROCEDURE NA. 1610041208-1705161208EST.

PICAYUNE

Picayune Muni

FDC 6/4099 MJD IAP PICAYUNE MUNI, PICAYUNE, MS. RNAV (GPS) Y RWY 18, ORIG...LPV DA CAT C/D 500/HAT 445. VISIBILITY CAT C/D 1 1/2.. 1612202126-1708012126EST.

FDC 6/1375 MJD IAP PICAYUNE MUNI, PICAYUNE, MS. RNAV (GPS) RWY 36, AMDT 2...RNAV (GPS) Z RWY 18, AMDT 2...CHART R-4403 A, B, C, E, F. ADD NOTE: PROCEDURE NA WHEN R-4403 A IS ACTIVE. 1611201926-1707021926EST.

RAYMOND

John Bell Williams

FDC 6/4120 JVW IAP JOHN BELL WILLIAMS, RAYMOND, MS. RNAV (GPS) RWY 12, AMDT 3B...LPV DA 490/HAT 250, VIS 1 ALL CATS. TRANSMISSION LINE 291 MSL 1496 FT NW OF RWY 12 (2016-ASO-7817-OE). 1612202136-1708012136EST.

FDC 6/4118 JVW ODP JOHN BELL WILLIAMS, RAYMOND, MS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 30, TRANSMISSION LINE 1408 FT FROM DER, 506 FT RIGHT OF CENTERLINE, 56 FT AGL/291 FT MSL (2016-ASO-7817-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612202135-1708012134EST.

FDC 6/3001 JVW IAP JOHN BELL WILLIAMS, RAYMOND, MS. ILS OR LOC RWY 12, AMDT 1C...S-ILS 12 DA 490/HAT 250, VIS 1 ALL CATS. TRANSMISSION LINE 291 MSL 1496 FT NW OF RWY 12 (2016-ASO-7817-OE). 1609151800-1704271800EST.

TUPELO

Tupelo Rgnl

FDC 7/4033 TUP IAP TUPELO RGNL, TUPELO, MS. ILS Y OR LOC Y RWY 36, ORIG...ILS Z OR LOC Z RWY 36, AMDT 10...RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 36, AMDT 1...VOR/DME RWY 18, AMDT 1A...CIRCLING CATS A/B MDA 820/HAA 474. 1701122345-1708242345EST.

WINONA

Winona-Montgomery County

FDC 7/2110 5A6 IAP WINONA-MONTGOMERY COUNTY, WINONA, MS. RNAV (GPS) RWY 21, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. 1702072210-1709192210EST.

MISSOURI

BOONVILLE

Jesse Viertel Memorial

FDC 6/2677 VER IAP JESSE VIERTEL MEMORIAL, BOONVILLE, MO. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...VOR-A, AMDT 5...NOTE: PROCEDURE NA AT NIGHT. 1610041403-1705161403EST.

BOWLING GREEN

Bowling Green Muni

FDC 7/8883 H19 IAP BOWLING GREEN MUNI, BOWLING GREEN, MO. RNAV (GPS) RWY 13, ORIG...RNAV (GPS) RWY 31, ORIG...VOR/DME-A, AMDT 2...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701292153-1709102153EST.

CABOOL

Cabool Memorial

FDC 6/0433 TVB IAP CABOOL MEMORIAL, CABOOL, MO. VOR/DME RWY 21, AMDT 2A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1609291350-1705111350EST.

FDC 6/0410 TVB IAP CABOOL MEMORIAL, CABOOL, MO. RNAV (GPS) RWY 21, ORIG-A...NOTE: DESCENT ANGLE 3.02/TCH 40 NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: 34:1 IS NOT CLEAR. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1609291347-1705111341EST.

CAMDENTON

Camdenton Memorial-Lake Rgnl

FDC 6/4287 OZS IAP CAMDENTON MEMORIAL-LAKE RGNL, CAMDENTON, MO. RNAV (GPS) RWY 15, AMDT 1A...LPV AND LNAV/VNAV NA. 1610201657-1706011657EST.

CAPE GIRARDEAU

Cape Girardeau Rgnl

FDC 7/8865 CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. ILS OR LOC RWY 10, AMDT 12A...CIRCLING CAT C MDA 1080/HAA 738. VIS CAT C 2. ZAXOD FIX MINIMUMS: CIRCLING CAT C MDA 1080/HAA 738. VIS CAT C 2. 1701292139-1709102139EST.

FDC 7/8863 CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. VOR RWY 2, AMDT 11A...CIRCLING CAT C MDA 1080/HAA 738. VIS CAT C 2. ZOTNO FIX MINIMUMS: CIRCLING CAT C MDA 1080/HAA 738. VIS CAT C 2. 1701292138-1709102137EST.

FDC 7/2045 CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. LOC/DME BC RWY 28, AMDT 8B...RNAV (GPS) RWY 10, AMDT 1A...RNAV (GPS) RWY 2, ORIG-A...RNAV (GPS) RWY 20, ORIG-A...RNAV (GPS) RWY 28, AMDT 1A...CIRCLING CAT C MDA 1080/HAA 738. VIS CAT C 2. 1702072103-1709192103EST.

CHILLICOTHE

Chillicothe Muni

FDC 6/2218 CHT IAP CHILLICOTHE MUNI, CHILLICOTHE, MO. RNAV (GPS) RWY 32, AMDT 1...NOTE: CIRCLING RWY 14 NA AT NIGHT. NOTE: CIRCLING TO RWY 2, 20 NA. 1611222050-1707042050EST.

FDC 6/2216 CHT IAP CHILLICOTHE MUNI, CHILLICOTHE, MO. RNAV (GPS) RWY 14, ORIG...NOTE: STRAIGHT-IN RWY 14 NA AT NIGHT. NOTE: CIRCLING TO RWY 2, 20 NA. 1611222050-1707042050EST.

COLUMBIA

Columbia Rgnl

FDC 6/8601 COU IAP COLUMBIA RGNL, COLUMBIA, MO. RNAV (GPS) RWY 20, AMDT 1...LNAV MDA 1240/HAT 351 ALL CATS, CIRCLING CAT A MDA 1300/HAA 411. 1612072214-1707192214EST.

FDC 6/8548 COU IAP COLUMBIA RGNL, COLUMBIA, MO. RNAV (GPS) RWY 13, ORIG...LNAV MDA 1220/HAT 332 ALL CATS. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. 1612072144-1707192144EST.

FDC 6/1626 COU IAP COLUMBIA RGNL, COLUMBIA, MO. VOR RWY 13, AMDT 3B...BATYE FIX MINIMUMS S-13 MDA 1240/HAT 352 CATS A/B/C. VDP NA. 1611202346-1707022346EST.

FDC 6/1624 COU IAP COLUMBIA RGNL, COLUMBIA, MO. RNAV (GPS) RWY 2, AMDT 1...CIRCLING CAT A MDA 1300/HAA 411. 1611202345-1707022345EST.

CUBA

Cuba Muni

FDC 6/8053 UBX IAP CUBA MUNI, CUBA, MO. RNAV (GPS) RWY 36, ORIG-C...LP MINIMUMS NA. 1610271541-1706081541EST.

ELDON

Eldon Model Airpark

FDC 7/4310 H79 IAP ELDON MODEL AIRPARK, ELDON, MO. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA 1520/HAT 603 ALL CATS. CIRCLING CAT A MDA 1520/HAA 603. 1701132138-1708252138EST.

FDC 7/4308 H79 IAP ELDON MODEL AIRPARK, ELDON, MO. RNAV (GPS) RWY 36, ORIG-A...CIRCLING CAT A MDA 1520/HAA 603. 1701132136-1708252136EST.

FDC 6/4795 H79 ODP ELDON MODEL AIRPARK, ELDON, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 18, 4 PIECES TEMPORARY GROUND EQUIPMENT, BEGINNING 9 FT FROM DER, 420 FT LEFT OF CENTERLINE, UP TO 17 AGL, 917 MSL. 2014-ACE-3661- NRA THRU 2014-ACE-3664-NRA. ALL OTHER DATA REMAINS AS PUBLISHED. 1609191855-1705011853EST.

FARMINGTON

Farmington Rgnl

FDC 6/9972 FAM IAP FARMINGTON RGNL, FARMINGTON, MO. VOR/DME-A, ORIG-B...CIRCLING MDA 2000/HAA 1054 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPARTA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET. DISREGARD NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE SPARTA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET AND CAT A VISIBILITY 1/4 MILE. 1610312051-1706122051EST.

FESTUS

Festus Memorial

FDC 7/0695 FES IAP FESTUS MEMORIAL, FESTUS, MO. RNAV (GPS)-A, ORIG...DESCENT ANGLE 3.00/TCH 40 NA. PROFILE NOTE: VISUAL SEGMENT - TREES 3/4 NM FROM RWY 1 THRESHOLD. 1702022046-1709142045EST.

FULTON

Elton Hensley Memorial

FDC 6/6882 FTT IAP ELTON HENSLEY MEMORIAL, FULTON, MO. RNAV (GPS) RWY 36, ORIG...LPV AND LNAV/VNAV DA NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: NIGHT LANDING: RWY 06, 24 NA. NOTE: CIRCLING NA TO RWYS 12 AND 30. 1610111610-1705231610EST.

FDC 6/1441 FTT ODP ELTON HENSLEY MEMORIAL, FULTON, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS; RWY 12/30 NA. NOTE: RWY 6: VEHICLE ON ROAD BEGINNING 8 FT FROM DER, 470 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/900 FT MSL. FENCE AND TREE BEGINNING 100 FT FROM DER, 515 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/887 FT MSL. POLES BEGINNING 344 FT FROM DER, 448 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/910 FT MSL. TREES, TOWERS AND POLES BEGINNING 946 FT FROM DER, 549 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/949 FT MSL. TREES, TOWERS AND POLES BEGINNING 1733 FT FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/953 FT MSL.. NOTE: RWY 24: TREES BEGINNING 127 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 21 FT AGL/893 FT MSL. TREES BEGINNING 344 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 96 FT AGL/936 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1609301926-1705121926EST.

GIDEON

Gideon Memorial

FDC 6/8695 M85 IAP GIDEON MEMORIAL, GIDEON, MO. VOR RWY 15, AMDT 3A...PROCEDURE NA. 1612072308-1707192308EST.

HARRISONVILLE

Lawrence Smith Memorial

FDC 6/4697 LRY IAP LAWRENCE SMITH MEMORIAL, HARRISONVILLE, MO. RNAV (GPS) RWY 17, ORIG...DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609191803-1705011802EST.

KANSAS CITY

Charles B Wheeler Downtown

FDC 7/8946 MKC IAP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 19, AMDT 23A...ILS OR LOC RWY 3, AMDT 4A...RNAV (GPS) RWY 19, ORIG-B...RNAV (GPS) RWY 21, AMDT 1C...RNAV (GPS) RWY 3, AMDT 2A...NOTE: NIGHT LANDING: RWY 21 NA. 1701292333-1709102333EST.

FDC 6/7934 MKC SID CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. CHIEF FIVE DEPARTURE...LAKES EIGHT DEPARTURE...RACER FIVE DEPARTURE...ROYAL SEVEN DEPARTURE...TIFTO FOUR DEPARTURE...WILDCAT THREE DEPARTURE...TAKEOFF MINIMUMS: RWY 19, 300-1 OR STD WITH A MINIMUM CLIMB OF 514 FT PER NM TO 2500. NOTE: RWY 19, BLDG, 4481 FT FROM DER, 1764 FT LEFT OF CENTERLINE, 57 FT AGL/997 FT MSL (2016-ACE-3483-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610271350-1706081350EST.

FDC 6/7933 MKC ODP CHARLES B WHEELER DOWNTOWN, KANSAS CITY, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3B...TAKEOFF MINIMUMS: RWY 19, 300-1 OR STD WITH A MINIMUM CLIMB OF 514 FT PER NM TO 2500. NOTE: RWY 19, BLDG, 4481 FT FROM DER, 1764 FT LEFT OF CENTERLINE, 57 FT AGL/997 FT MSL (2016-ACE-3483-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610271350-1706081350EST.

LEE'S SUMMIT

Lee's Summit Muni

FDC 6/1777 LXT IAP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. RNAV (GPS) RWY 29, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 29 PROCEDURE NA AT NIGHT. 1610031311-1705151310EST.

FDC 6/1775 LXT IAP LEE S SUMMIT MUNI, LEE S SUMMIT, MO. RNAV (GPS) RWY 11, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 11 PROCEDURE NA AT NIGHT. 1610031307-1705151306EST.

MALDEN

Malden Rgnl

FDC 6/8316 MAW IAP MALDEN RGNL, MALDEN, MO. VOR RWY 32, AMDT 9...TERMINAL ROUTE TAXOE TO NUGLE NA. TERMINAL ROUTE OPSEE TO NUGLE NA. VDP NA. MAW DME UNUSABLE FOR PROCEDURE. 1610121930-1705241930EST.

MARSHALL

Marshall Memorial Muni

FDC 6/2595 MHL IAP MARSHALL MEMORIAL MUNI, MARSHALL, MO. NDB RWY 36, AMDT 4A...RNAV (GPS) RWY 36, AMDT 3A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1611232052-1707052052EST.

FDC 6/1638 MHL IAP MARSHALL MEMORIAL MUNI, MARSHALL, MO. RNAV (GPS) RWY 18, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DESCENT ANGLE 3.37/TCH 39 NA. 1611202353-1707022353EST.

MOBERLY

Omar N Bradley

FDC 6/1370 MBY IAP OMAR N BRADLEY, MOBERLY, MO. RNAV (GPS) RWY 31, ORIG-A...LNAV/VNAV DA 1208 / HAT 347 VISIBILITY 1 1/8 ALL CATS. LNVA MDA 1340 / HAT 479 ALL CATS, VISIBILITY CATS A/B 1, CAT C 1 3/8. VDP NA. ANTENNA 1017FT MSL 154FT AGL 4340FT SE OF APCH END RWY 31. 1611201923-1707021923EST.

MONROE CITY

Capt Ben Smith Airfield - Monroe City

FDC 7/8885 K52 IAP CAPT BEN SMITH AIRFIELD - MONROE CITY, MONROE CITY, MO. RNAV (GPS) RWY 27, ORIG...RNAV (GPS) RWY 9, ORIG...VOR/DME-A, AMDT 2...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701292154-1709102154EST.

MOUNTAIN GROVE

Mountain Grove Memorial

FDC 6/1647 IMO IAP MOUNTAIN GROVE MEMORIAL, MOUNTAIN GROVE, MO. VOR/DME RWY 8, AMDT 1...S-8 MINIMUMS NA. 1611021908-1706141908EST.

NEW MADRID

County Memorial

FDC 7/8909 EIW ODP COUNTY MEMORIAL, NEW MADRID, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 18: POLE 280 FT FROM DER, 262 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/323 FT MSL. BUILDING BEGINNING 329 FT FROM DER, 292 FT LEFT OF CENTERLINE, UP TO 13 FT AGL/308 FT MSL. TREES, BUILDINGS, AND POLE BEGINNING 358 FT FROM DER, 302 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/345 FT MSL. TREES BEGINNING 467 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/358 FT MSL. TREES AND POLE BEGINNING 491 FT FROM DER, 225 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/357 FT MSL.. NOTE: RWY 36: TREE 17 FT FROM DER, 273 FT LEFT OF CENTERLINE, 8 FT AGL/302 FT MSL. TREES BEGINNING 57 FT FROM DER, 225 FT RIGHT OF CENTERLINE, UP TO 13 FT AGL/306 FT MSL. TREE 2170 FT FROM DER, 745 FT LEFT OF CENTERLINE, 77 FT AGL/368 FT MSL. 1701292213-1709102212EST.

POTOSI

Washington County

FDC 7/0690 8WC IAP WASHINGTON COUNTY, POTOSI, MO. RNAV (GPS) RWY 2, AMDT 2A...DESCENT ANGLE 3.00/TCH 40 NA. PROFILE NOTE: VISUAL SEGMENT - TREES 3/4 NM FROM THRESHOLD. 1702022042-1709142042EST.

ST JOSEPH

Rosecrans Memorial

FDC 6/8122 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. ILS OR LOC RWY 35, AMDT 31B...S-LOC 35 MDA 1200/HAT 386 ALL CATS. VISIBILITY CAT A/B RVR 5500. CIRCLING CAT A/B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA 693. 1610121730-1705241730EST.

FDC 6/8116 STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. LOC BC RWY 17, AMDT 9A...MISSED APPROACH ALTITUDE 2700. CIRCLING CAT B/C MDA 1420/HAA 593, CAT D MDA 1520/HAA 693. 1610121726-1705241726EST.

ST LOUIS

Lambert-St Louis Intl

FDC 6/5479 STL IAP LAMBERT-ST LOUIS INTL, ST LOUIS, MO. RNAV (GPS) Y RWY 29, ORIG-C...MSA RW29 25 NM 3000. 1608311503-1704121503EST.

FDC 6/5478 STL IAP LAMBERT-ST LOUIS INTL, ST LOUIS, MO. RNAV (GPS) Y RWY 11, ORIG-B...MSA RW11 25 NM 3000. 1608311503-1704121503EST.

Spirit Of St Louis

FDC 6/2350 SUS STAR SPIRIT OF ST. LOUIS, ST. LOUIS, MISSOURI, DIRT ONE ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

FDC 6/2346 SUS STAR SPIRIT OF ST. LOUIS, ST. LOUIS, MISSOURI, DELMA TWO ARRIVAL...CHANGE VERITICAL NAVIGATION PLANNING INFORMATION TO READ EXPECT 13000. 1601112200-PERM.

TRENTON

Trenton Muni

FDC 7/2093 TRX ODP TRENTON MUNI, TRENTON, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF OBSTACLE NOTES: NOTE: RWY 18, TREE 27 FT FROM DER, 482 FT LEFT OF CENTERLINE, 9 FT AGL/764 FT MSL. FENCE 114 FT FROM DER, 209 FT LEFT OF CENTERLINE, 21 FT AGL/776 FT MSL. POLE SIGN BEGINNING 114 FT FROM DER, 213 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/782 FT MSL. GROUND, TREE, POLE, BLDG, FENCE, SIGN, BRIDGE, BEGINNING 263 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/821 FT MSL. TREES, BEGINNING 1071 FT FROM DER, 253 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/857 FT MSL. NOTE: RWY 36, TREE 2 FT FROM DER, 247 FT RIGHT OF CENTERLINE, 2 FT AGL/759 FT MSL. TREES, TERRAIN, FENCE, BRIDGE, ROAD, POLE, BEGINNING 12 FT FROM DER, 139 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/821 FT MSL. FENCE 78 FT FROM DER, 364 FT LEFT OF CENTERLINE, 4 FT AGL/762 FT MSL. TREE, TERRAIN, SIGN, POLE, BEGINNING 189 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/814 FT MSL. TREE 2539 FT FROM DER, 185 FT RIGHT OF CENTERLINE, 12 FT AGL/838 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072138-1709192138EST.

MONTANA

BILLINGS

Billings Logan Intl

FDC 6/4701 BIL STAR BILLINGS LOGAN INTL, BILLINGS, MT. KUSTR ONE ARRIVAL (RNAV)...LANDING RWY 10L: CHANGE "CROSS IGIFE AT OR ABV 6300" TO READ "CROSS IGIFE AT OR ABV 6600". ALL OTHER DATA REMAINS AS PUBLISHED. 1612240100-1712240100.

BUTTE

Bert Mooney

FDC 7/4519 BTM SPECIAL BERT MOONEY, BUTTE, MT. ILS Z RWY 15, AMDT 1...CIRCLING MINIMUMS NA.. DISREGARD NOTES: CIRCLING NOT AUTHORIZED NORTHEAST OF RWY 15-33 AND CIRCLING REQUIRES DESCENT ON GLIDESLOPE TO MDA. 1701141946-1708261946EST.

FDC 7/2990 BTM IAP BERT MOONEY, BUTTE, MT. VOR OR GPS-B, AMDT 1B...MISSED APPROACH: CLIMBING RIGHT TURN TO 9300 DIRECT CPN VOR/DME AND HOLD. NOTE: CIRCLING RWY 12 NA AT NIGHT. NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701102035-1708222035EST.

FDC 7/2989 BTM IAP BERT MOONEY, BUTTE, MT. RNAV (GPS) Y RWY 15, ORIG-A...NOTE: CIRCLING RWY 12 NA AT NIGHT. 1701102031-1708222031EST.

FDC 7/2988 BTM IAP BERT MOONEY, BUTTE, MT. LOC/DME RWY 15, AMDT 7A...NOTE: CIRCLING RWY 12 NA AT NIGHT. NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701102031-1708222031EST.

FDC 6/3752 BTM ODP BERT MOONEY, BUTTE, MT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TEXTUAL DEPARTURE PROCEDURE CHANGE ALL REFERENCES FROM RWY 11, 29 TO RWY 12, 30. TAKE-OFF MINIMUMS RWY 12, NA - OBSTACLES. RWY 15, STANDARD WITH MINIMUM CLIMB OF 601 FT PER NM TO 7300, OR 3500-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 30, STANDARD WITH MINIMUM CLIMB OF 832 FT PER NM TO 6700, OR 3500-3 FOR CLIMB IN VISUAL CONDITIONS. RWY 33, 3500-3 FOR CLIMB IN VISUAL CONDITIONS.. DEPARTURE PROCEDURE: RWY 15: CLIMBING RIGHT TURN DIRECT CPN VOR/DME, OR OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, OR OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, THENCE?RWY 33: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BERT MOONEY AIRPORT WESTBOUND AT OR ABOVE 8900 THEN PROCEED DIRECT CPN VOR/DME, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1610201308-1706011308EST.

CUT BANK

Cut Bank Intl

FDC 6/1276 CTB IAP CUT BANK INTL, CUT BANK, MT. RNAV (GPS) RWY 23, ORIG...TDZE 3840. LPV DA 4040 ALL CATS, LNAV/VNAV DA 4090 ALL CATS, LNAV HAT 380 ALL CATS. ALL OTHER DATA REMAINS AS PUBLISHED. 1611201557-1707021557EST.

GLENDIVE

Dawson Community

FDC 6/5138 GDV IAP DAWSON COMMUNITY, GLENDIVE, MT. RNAV (GPS) RWY 30, ORIG-A...NOTE: CIRCLING RWY 12 NA AT NIGHT. NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1612272120-1708082120EST.

FDC 6/5136 GDV IAP DAWSON COMMUNITY, GLENDIVE, MT. RNAV (GPS) RWY 12, ORIG-A...NOTE: STRAIGHT-IN RWY 12 NA AT NIGHT. NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1612272120-1708082120EST.

GREAT FALLS

Great Falls Intl

FDC 6/0402 GTF IAP GREAT FALLS INTL, GREAT FALLS, MT. RNAV (GPS) Y RWY 3, AMDT 3A...LNAV/VNAV DA 4093/HAT 413, VISIBILITY ALL CATS RVR 4500. DISREGARD NOTE: FOR INOPERATIVE ALSF INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 4500. 1610141539-1705261539EST.

HELENA

Helena Rgnl

FDC 6/2563 HLN IAP HELENA RGNL, HELENA, MT. RNAV (RNP) Z RWY 27, ORIG-B...RNP 0.18* DA 4152/HAT 300, RNP 0.22# DA 4246/HAT 394, VISIBILITY 7/8 ALL CATS, RNP 0.30+ DA 4305/HAT 453, VISIBILITY 1 1/8 ALL CATS. NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 470 FEET PER NM TO 7900. NOTE: #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 400 FEET PER NM TO 7300. NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.18* VISIBILITY TO 1, RNP 0.22# VISIBILITY TO 1 3/8, AND RNP 0.30+ VISIBILITY TO 1 1/2. 1611031749-1706151749EST.

FDC 6/2558 HLN IAP HELENA RGNL, HELENA, MT. RNAV (RNP) Y RWY 27, ORIG-D...RNP 0.22* DA 4292/HAT 440, VISIBILITY 1 ALL CATS, RNP 0.30# DA 4305/HAT 453, VISIBILITY 1 1/8 ALL CATS. NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.22* AND 0.30# VISIBILITY TO 1 1/2. NOTE: #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 395 FEET PER NM TO 7600, IF UNABLE, SEE RNAV (RNP) Z RWY 27. 1611031748-1706151748EST.

KALISPELL

Glacier Park Intl

FDC 7/2529 GPI ODP GLACIER PARK INTL, KALISPELL, MT. SKOTT TWO DEPARTURE...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS WITH GPS, MLP VOR/DME OUT OF SERVICE. 1702081746-1702151746EST.

FDC 6/2177 GPI IAP GLACIER PARK INTL, KALISPELL, MT. VOR/DME RWY 30, AMDT 10A...DISREGARD NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN MINIMUMS NOT AUTHORIZED AT NIGHT. NOTE: STRAIGHT-IN RWY 30 NA AT NIGHT, CIRCLING RWY 12, 30 NA AT NIGHT. 1609151114-1704271114EST.

FDC 6/2165 GPI IAP GLACIER PARK INTL, KALISPELL, MT. RNAV (GPS) RWY 30, AMDT 1...LNAV MDA 3500/HAT 526 ALL CATS, VIS CAT C 1-1/2. NOTE: CIRCLING RWY 12, 30 NA AT NIGHT. 1609151112-1704271112EST.

FDC 6/2162 GPI IAP GLACIER PARK INTL, KALISPELL, MT. RNAV (GPS) Z RWY 2, AMDT 2...NOTE: CIRCLING RWY 12, 30 NA AT NIGHT. 1609151111-1704271111EST.

LIBBY

Libby

FDC 6/5305 S59 ODP LIBBY, LIBBY, MT. EYSE ONE DEPARTURE (RNAV)...PROCEDURE NA. 1612281727-1708091727EST.

MISSOULA

Missoula Intl

FDC 7/2530 MSO SID MISSOULA INTL, MISSOULA, MT. DIDLY FOUR DEPARTURE...MZULA FOUR DEPARTURE...MULLAN PASS TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS WITH GPS. KALISPELL TRANSITION: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEMS WITH GPS, MLP VOR/DME OUT OF SERVICE. 1702081746-1702151746EST.

SHELBY

Shelby

FDC 7/0726 SBX IAP SHELBY, SHELBY, MT. NDB RWY 23, AMDT 7...NOTE: NIGHT LANDING: RWY 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. MISSED APPROACH: CLIMBING RIGHT TURN TO 5500 IN SBX NDB HOLDING PATTERN.. 1701041824-1708161822EST.

SIDNEY

Sidney-Richland Muni

FDC 7/6396 SDY IAP SIDNEY-RICHLAND MUNI, SIDNEY, MT. RNAV (GPS) RWY 19, AMDT 1...LPV DA NA LNAV/VNAV DA NA. 1701202055-1709012055EST.

NEBRASKA

ALLIANCE

Alliance Muni

FDC 7/6611 AIA IAP ALLIANCE MUNI, ALLIANCE, NE. VOR RWY 12, AMDT 3A...DME MINIMUMS: CIRCLING CAT B MDA 4500/HAA 569, CAT C/D MDA 4520/HAA 589. 1701222103-1709032103EST.

FDC 7/6609 AIA IAP ALLIANCE MUNI, ALLIANCE, NE. RNAV (GPS) RWY 12, ORIG...RNAV (GPS) RWY 26, ORIG...RNAV (GPS) RWY 8, ORIG...CIRCLING CAT B MDA 4500/HAA 569, CAT C/D MDA 4520/HAA 589. 1701222102-1709032102EST.

FDC 7/6607 AIA IAP ALLIANCE MUNI, ALLIANCE, NE. VOR RWY 30, AMDT 3...CURYA FIX MINIMUMS: CIRCLING CAT B MDA 4500/HAA 569, CAT C/D MDA 4520/HAA 589. 1701222101-1709032101EST.

BEATRICE

Beatrice Muni

FDC 6/7559 BIE IAP BEATRICE MUNI, BEATRICE, NE. VOR RWY 18, AMDT 2A...VDP NA. GUPEC FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BIE DME OUT OF SERVICE. 1612062133-1707182133EST.

BROKEN BOW

Broken Bow Muni/Keith Glaze Fld

FDC 6/1320 BBW ODP BROKEN BOW MUNI/KEITH GLAZE FLD, BROKEN BOW, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3. NOTE: RWY 14, VEHICLE ON ROAD 10 FT FROM DER, 487 FT RIGHT OF CENTERLINE, 2532 FT MSL. BLDGS BEGINNING 11 FT FROM DER, 463 FT LEFT OF CENTERLINE, UP TO 19 FT AGL/2544 FT MSL. BLDG 56 FT FROM DER, 512 FT LEFT OF CENTERLINE, 24 FT AGL/2549 FT MSL. BLDG AND POLES BEGINNING 202 FT FROM DER, 399 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/2572 FT MSL. VEHICLES ON ROAD BEGINNING 325 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 2534 FT MSL. TREES BEGINNING 1498 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 2577 FT MSL. TREES BEGINNING 1538 FT FROM DER, 90 FT RIGHT TO 21 FT LEFT OF CENTERLINE, UP TO 2579 FT MSL. BLDG 2573 FT FROM DER, 567 FT RIGHT OF CENTERLINE, 64 FT AGL/2599 FT MSL. TREE 2830 FT FROM DER, 1243 FT RIGHT OF CENTERLINE, 2605 FT MSL. TOWER 2.3 NM FROM DER, 1854 FT RIGHT OF CENTERLINE, 305 FT AGL/2931 FT MSL. NOTE: RWY 32, LIGHTS BEGINNING 39 FT FROM DER, 72 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/2548 FT MSL. LIGHT 39 FT FROM DER, 111 FT RIGHT OF CENTERLINE, 4 FT AGL/2550 FT MSL. POLE, FENCE, AND TREE BEGINNING 46 FT FROM DER, 325 FT RIGHT OF CENTERLINE, UP TO 12 FT AGL/2559 FT MSL. VEHICLE ON ROAD 191 FT FROM DER, 341 FT LEFT OF CENTERLINE, 2556 FT MSL. VEHICLE ON ROAD AND TREE BEGINNING 760 FT FROM DER, 253 FT LEFT OF CENTERLINE, UP TO 2634 FT MSL. TREES BEGINNING 1256 FT FROM DER, 780 FT RIGHT OF CENTERLINE, UP TO 2627 FT MSL. TREE 2562 FT FROM DER, 1072 FT RIGHT OF CENTERLINE, 2654 FT MSL. TERRAIN AND TREE BEGINNING 2707 FT FROM DER, 1216 FT LEFT OF CENTERLINE, UP TO 2642 FT MSL. TERRAIN 3558 FT FROM DER, 1398 FT LEFT OF CENTERLINE, 2651 FT MSL. TERRAIN 3790 FT FROM DER, 1358 FT LEFT OF CENTERLINE, 2655 FT MSL. TERRAIN 4015 FT FROM DER, 1337 FT LEFT OF CENTERLINE, 2661 FT MSL. TERRAIN AND TREE BEGINNING 4062 FT FROM DER, 1335 FT LEFT OF CENTERLINE, UP TO 2690 FT MSL. TERRAIN 4440 FT FROM DER, 1498 FT LEFT OF CENTERLINE, 2

COZAD

Cozad Muni

FDC 7/2061 CZD IAP COZAD MUNI, COZAD, NE. RNAV (GPS) RWY 31, AMDT 1A...DELETE: DESCENT ANGLE 3.03/TCH 49. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.. 1702072116-1709192116EST.

HARVARD

Harvard State

FDC 6/8739 08K IAP HARVARD STATE, HARVARD, NE. RNAV (GPS) RWY 35, AMDT 1A...LPV MINIMUMS NA. 1610281500-1706091500EST.

HEBRON

Hebron Muni

FDC 6/4385 HJH ODP HEBRON MUNI, HEBRON, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG. TAKEOFF MINIMUMS: RWY 3, 21 NA-ENVIRONMENTAL. NOTE: RWY 12: TERRAIN 30 FT FROM DER, 407 FT RIGHT OF CENTERLINE, 1467 FT MSL. TREES BEGINNING 158 FT FROM DER, 233 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1519 FT MSL. TREES BEGINNING 386 FT FROM DER, 320 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/1539 FT MSL. VEHICLES ON ROAD BEGINNING 473 FT FROM DER, 237 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1496 FT MSL. TERRAIN BEGINNING 678 FT FROM DER, 654 FT RIGHT OF CENTERLINE, UP TO 1488 FT MSL. TREE 997 FT FROM DER, 76 FT LEFT OF CENTERLINE, 50 FT AGL/1494 FT MSL. POLES BEGINNING 1568 FT FROM DER, 351 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/1510 FT MSL. TREES BEGINNING 1841 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 70 FT AGL/1542 FT MSL. WINDMILL 2126 FT FROM DER, 1023 FT RIGHT OF CENTERLINE, 33 FT AGL/1532 FT MSL. NOTE: RWY 30: TREES BEGINNING 2 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1522 FT MSL. TREES BEGINNING 52 FT FROM DER, 171 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1526 FT MSL. TERRAIN BEGINNING 70 FT FROM DER, 403 FT LEFT OF CENTERLINE, UP TO 1471 FT MSL. POLES AND POWERLINES BEGINNING 704 FT FROM DER, 202 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/1496 FT MSL. TREES ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/4385 HJH ODP HEBRON MUNI, HEBRON, NE. BEGINNING 915 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 65 FT AGL/1540 FT MSL. POLE 1780 FT FROM DER, 942 FT RIGHT OF CENTERLINE, 31 FT AGL/1511 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201734-1706011734EST

HOLDREGE

Brewster Field

FDC 6/9827 HDE ODP BREWSTER FIELD, HOLDREGE, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 36, TREE 208 FT FROM DEPARTURE END OF RUNWAY, 440 FT RIGHT OF CENTERLINE, 16 FT AGL/2317 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609110045-1704230044EST.

KIMBALL

Kimball Muni/Robert E Arraj Field

FDC 6/2940 IBM IAP KIMBALL MUNI/ROBERT E ARRAJ FIELD, KIMBALL, NE. RNAV (GPS) RWY 28, AMDT 1B...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 28 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 10 NA AT NIGHT. NOTE: NIGHT LANDING RWY 10 NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609151726-1704271726EST.

NORFOLK

Norfolk Rgnl/Karl Stefan Memorial Fld

FDC 6/5186 OFK IAP NORFOLK RGNL/KARL STEFAN MEMORIAL FLD, NORFOLK, NE. RNAV (GPS) RWY 32, AMDT 1...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1612272222-1708082222EST.

FDC 6/5179 OFK IAP NORFOLK RGNL/KARL STEFAN MEMORIAL FLD, NORFOLK, NE. VOR RWY 32, AMDT 7...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612272220-1708082220EST.

NORTH PLATTE

North Platte Rgnl Airport Lee Bird Field

FDC 6/0775 LBF IAP NORTH PLATTE RGNL AIRPORT LEE BIRD FIELD, NORTH PLATTE, NE. VOR RWY 35, AMDT 18B...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 35 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 12, 30 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 17 NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612122132-1707242132EST.

O'NEILL

The O'Neill Muni-John L Baker Field

FDC 6/1499 ONL ODP THE O NEILL MUNI-JOHN L BAKER FIELD, O NEILL, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.ADD TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, TREE AND FENCE BEGINNING 63 FT FROM DER, 491 FT LEFT OF CENTERLINE, UP TO 18 FT AGL/2048 FT MSL. TREES BEGINNING 650 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 2054 FT MSL. TREES BEGINNING 763 FT FROM DER, 347 FT RIGHT OF CENTERLINE, UP TO 2070 FT MSL. TREES BEGINNING 918 FT FROM DER, 324 FT RIGHT OF CENTERLINE, UP TO 58 FT AGL/2078 FT MSL. TREES BEGINNING 2338 FT FROM DER, 309 FT LEFT OF CENTERLINE, UP TO 2091 FT MSL. TREE 2795 FT FROM DER, 770 FT LEFT OF CENTERLINE, 87 FT AGL/2102 FT MSL. NOTE: RWY 22, FENCE, BEGINNING 15 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/2034 FT MSL. ROAD AND GRD BEGINNING 77 FT FROM DER, 102 FT LEFT OF CENTERLINE, UP TO 2047 FT MSL. GRD AND ROAD BEGINNING 296 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 2051 FT MSL. ROAD 418 FT FROM DER, 20 FT RIGHT OF CENTERLINE, 2047 FT MSL. TREES BEGINNING 1018 FT FROM DER, 507 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/2070 FT MSL. TREES 1122 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/2073 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. NOTE: RWY 31, ELEC SYS AND RW LIGHTS BEGINNING 11 FT FROM DER, CROSSING RIGHT AND LEFT OF CENTERLINE, UP TO 5 FT AGL/2034 FT MSL. TREE 697 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 23 FT AGL/2055 FT MSL. TREES BEGINNING 1066 FT FROM DER, 522 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/2069 FT MSL. TREE 1790 FT FROM DER, 712 FT LEFT OF CENTERLINE, 64 FT AGL/2089 FT MSL. TREES BEGINNING 1889 FT FROM DER, 655 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/2109 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202030-1707022030EST

OGALLALA

Searle Field

FDC 6/4073 OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 13, ORIG-C...LP MDA 4240/HAT 961 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. LNAV MDA 4360/HAT 1081 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. CIRCLING MDA 4360/HAA 1081 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2. VDP AT 2.48 MILES TO RW13. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMPERIAL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. 1610201455-1706011455EST.

FDC 6/4067 OGA IAP SEARLE FIELD, OGALLALA, NE. RNAV (GPS) RWY 8, AMDT 2B...LPV DA NA. LNAV/VNAV DA NA. 1610201453-1706011453EST.

FDC 6/2942 OGA IAP SEARLE FIELD, OGALLALA, NE. VOR/DME RWY 26, AMDT 1C...S-26 MDA 3940/HAT 686 ALL CATS. MINIMUM ALTITUDE AT ZILEV/SAE 3 DME 4140*, *4140 WHEN USING IMPERIAL ALTIMETER SETTING. VDP NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IMPERIAL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE S-26 AND CIRCLING CAT B VISIBILITY 1/4 MILE. 1609151728-1704271728EST.

OMAHA

Eppley Airfield

FDC 7/8952 OMA IAP EPPLEY AIRFIELD, OMAHA, NE. ILS OR LOC RWY 32R, ORIG-E...S-LOC 32R: DISREGARD OM INDICATION AT BEEFF INT/I-EDI 7 DME. 1701292339-1709102338EST.

FDC 7/4240 OMA CHART EPPLEY AIRFIELD, OMAHA, NE. RNAV (RNP) Z RWY 32L, ORIG-A...CORRECT PLANVIEW: CHANGE ALTITUDE AT HILSS WPT TO READ MAXIMUM 5000 INSTEAD OF MINIMUM 5000. 1701131824-PERM.

FDC 7/4239 OMA CHART EPPLEY AIRFIELD, OMAHA, NE. RNAV (RNP) Z RWY 14L, ORIG-A...CORRECT PLANVIEW: CHANGE ALTITUDE AT HCKEY WPT TO READ MAXIMUM 5000 INSTEAD OF MINIMUM 5000. 1701131820-PERM.

FDC 6/2889 OMA IAP EPPLEY AIRFIELD, OMAHA, NE. RNAV (GPS) Y RWY 18, AMDT 3...PROCEDURE NA. 1611271614-1707091614EST.

FDC 6/0709 OMA SID EPPLEY AIRFIELD, OMAHA, NE. BLUFS ONE DEPARTURE...CATTL ONE DEPARTURE...TAKE-OFF MINIMUMS: RWY 14L, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 264 FEET PER NM TO 1500. ALL OTHER DATA REMAINS AS PUBLISHED. 1609131232-1704251231EST.

FDC 6/0706 OMA ODP EPPLEY AIRFIELD, OMAHA, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 14L, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 264 FEET PER NM TO 1500. ALL OTHER DATA REMAINS AS PUBLISHED. 1609131230-1704251230EST.

PENDER

Pender Muni

FDC 6/8114 0C4 ODP PENDER MUNI, PENDER, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 15, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 213 FEET PER NM TO 1700. NOTE RWY 33, TERRAIN BEGINNING 8 FT FROM DER, 429 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/1355 FT MSL. FENCE BEGINNING 139 FT FROM DER, 424 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/1355 FT MSL. POWER POLES BEGINNING 263 FT FROM DER, CROSSING RIGHT AND LEFT OF CENTERLINE, UP TO 29 FT AGL/1380 FT MSL. POLES BEGINNING 1530 FT FROM DER, 397 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/1403 FT MSL. TREES BEGINNING 1971 FT DER, 571 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/1450 FT MSL. 1610121724-1705241724EST.

SCOTTSBLUFF

Western Nebraska Rgnl/William B Heilig Field

FDC 7/6621 BFF IAP WESTERN NEBRASKA RGNL/WILLIAM B HEILIG FIELD, SCOTTSBLUFF, NE. RNAV (GPS) RWY 5, AMDT 1A...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: RWY 5 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. 1701222109-1709032109EST.

TEKAMAH

Tekamah Muni

FDC 7/8923 TQE IAP TEKAMAH MUNI, TEKAMAH, NE. RNAV (GPS) RWY 15, ORIG...ADD CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1701292226-1709102226EST.

FDC 7/2059 TQE ODP TEKAMAH MUNI, TEKAMAH, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...ALL OTHER DATA REMAINS AS PUBLISHED. 1702072115-1709192115EST.

WAYNE

Wayne Muni/ Stan Morris Fld

FDC 6/8402 LCG ODP WAYNE MUNI/ STAN MORRIS FLD, WAYNE, NE. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...DEPARTURE PROCEDURE: RWY 18, CLIMB HEADING 175 TO 2000 BEFORE TURNING RIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. 1612072027-1707192027EST.

NEVADA

ELKO

Elko Rgnl

FDC 7/0798 EKO IAP ELKO RGNL, ELKO, NV.
LDA/DME RWY 24, AMDT 6...DISREGARD NOTE:
NIGHT LANDING: RWY 12, 24 NA.
1701042129-1708162129EST.

FDC 7/0797 EKO IAP ELKO RGNL, ELKO, NV. RNAV
(GPS) RWY 24, AMDT 1...RNAV (GPS) RWY 6,
ORIG...VOR/DME-B, AMDT 5...DISREGARD NOTE:
NIGHT LANDING: RWY 12 NA.
1701042129-1708162129EST.

LAS VEGAS

Henderson Executive

FDC 6/3803 HND STAR HENDERSON EXECUTIVE
AIRPORT, LAS VEGAS, NV. ADDEL ONE
ARRIVAL...EXPECT CLEARANCE TO CROSS FUZZY
INT AT 16000FT AND 250 KNOTS. DELETE
MANDATORY ALTITUDE AT JARIK INT.
1609161815-1709162359.

Mc Carran Intl

FDC 7/4918 LAS STAR MCCARREN INTERNATIONAL
AIRPORT LAS VEGAS, NV SITEE ONE ARRIVAL...FOR
RWY 07L/07R 01L/01R EXPECT RADAR VECTORS.
1701171630-1801172359.

FDC 7/3439 LAS STAR MCCARREN INTERNATIONAL
AIRPORT LAS VEGAS, NV KADDY TWO
ARRIVAL...PROCEDURE FOR TURBOJET AIRCRAFT
ONLY. 1701111700-1801102359.

FDC 7/2711 LAS SID MC CARRAN INTL, LAS VEGAS,
NV. COWBY SIX DEPARTURE (RNAV)...GPS
REQUIRED, MMM VOR OUT OF SERVICE.
1702082344-1703102344EST.

FDC 7/1633 LAS STAR MCCARREN INTERNATIONAL
AIRPORT LAS VEGAS, NV. GRNPA ONE ARRIVAL..
PROCEDURE NA. 1701061055-1801052359.

FDC 6/5420 LAS SID MC CARRAN INTL, LAS VEGAS,
NV. MCCARRAN FOUR DEPARTURE...TAKEOFF
MINIMUMS: RWY 1L, NA. TEMPORARY CRANE 2758
MSL 2.11 NM NW OF LAS AIRPORT
(2016-AWP-3509-OE). EXCEPT WHEN ADVISED BY
ATC THAT CRANE IS DOWN. ALL OTHER DATA
REMAINS AS PUBLISHED.
1610061938-1705181938EST.

FDC 6/5377 LAS IAP MC CARRAN INTL, LAS VEGAS,
NV. ILS OR LOC/DME RWY 1L, AMDT 1A...RNAV
(GPS) RWY 19L, AMDT 1A...RNAV (GPS) RWY 19R,
AMDT 1A...RNAV (GPS) RWY 1R, AMDT 1A...VOR
RWY 25L/R, AMDT 3A...VOR/DME-A,
ORIG-D...CIRCLING CATS A/B MDA 3120/ HAA 939.
TEMPORARY CRANE 2758 MSL 2.11 NM NW OF LAS
AIRPORT (2016-AWP-3509-OE). EXCEPT WHEN
ADVISED BY ATC THAT CRANE IS DOWN.
1610061850-1705181850EST.

FDC 6/5376 LAS IAP MC CARRAN INTL, LAS VEGAS,
NV. ILS OR LOC RWY 25L, AMDT 5A...ILS OR LOC
RWY 25R, AMDT 18...CIRCLING CATS A/B/C MDA
3120/ HAA 939. TEMPORARY CRANE 2758 MSL 2.11
NM NW OF LAS AIRPORT (2016-AWP-3509-OE).
EXCEPT WHEN ADVISED BY ATC THAT CRANE IS
DOWN. 1610061850-1705181850EST.

FDC 6/3820 LAS STAR LAS VEGAS MCCARRAN
INTL, LAS VEGAS, NV SUNST THREE ARRIVAL ADD
NOTE ALL OTHER RUNWAYS, EXPECT RADAR
VECTORS TO FINAL APPROACH COURSE.
1609161815-1709162359.

FDC 6/3817 LAS STAR LAS VEGAS MCCARRAN INTL
AIRPORT, LAS VEGAS, NV KEPEC THREE
ARRIVAL...DAG VORTAC - MISEN INT MEA 16000.
ADD NOTE: ALL OTHER RUNWAYS, EXPECT RADAR
VECTORS TO FINAL APPROACH COURSE.
1609161815-1709162359.

LOVELOCK

Derby Field

FDC 6/5642 LOL IAP DERBY FIELD, LOVELOCK, NV.
VOR/DME OR GPS-A, ORIG-B...PROCEDURE NA.
1612021207-1707141207EST.

FDC 6/5641 LOL IAP DERBY FIELD, LOVELOCK, NV.
GPS RWY 2, ORIG-A...ADD TWO DEGREES TO ALL
PUBLISHED HEADING AND COURSES.
1612021205-1707141205EST.

RENO

Reno/Stead

FDC 6/9892 RTS ODP RENO/STEAD, RENO, NV.
TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE
PROCEDURES AMDT 3A...TAKEOFF MINIMUMS:
RWYS 8, 14, STANDARD WITH A MINIMUM CLIMB
OF 410 FT PER NM TO 6500. RWY 32, STANDARD
WITH A MINIMUM CLIMB OF 420 PER NM TO 7200.
NOTE: RWY 8, BUSH, BEGINNING 138 FT FROM DER,
358 FT LEFT OF CENTERLINE, UP TO 5058 FT MSL.
NOTE: RWY 26, BUSH 4 FT FROM DER, 360 FT RIGHT
OF CENTERLINE, 4997 FT MSL. OL ON PYLON 1079
FT FROM DER, 623 FT LEFT OF CENTERLINE, 5032
FT MSL. NOTE: RWY 32, WOODEN STAND 56 FT
FROM DER, 229 FT LEFT OF CENTERLINE, 5054 FT
MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1610141221-1705261221EST.

FDC 6/8651 RTS IAP RENO/STEAD, RENO, NV. RNAV
(GPS) RWY 32, AMDT 1A...DISREGARD NOTE: VGSI
AND RNAV GLIDEPATH NOT COINCIDENT (VGSI
ANGLE 3.00/TCH 39). 1612072242-1707192242EST.

Reno/Tahoe Intl

FDC 7/4526 RNO SPECIAL RENO/TAHOE INTL, RENO, NV. ILS OR LOC/DME Z RWY 16R, ORIG...ILS/DME RWY 16R, AMDT 3...LOC/DME -1 RWY 16R, AMDT 2...SILVER ILS RWY 16R, AMDT 1...PROCEDURE NA. 1701141956-1708261956EST.

FDC 6/3848 RNO STAR RENO/TAHOE INTL, RENO, NV. TARVR ONE ARRIVAL: NOT AUTHORIZED. EXPECT ALTERNATE RNAV/RADAR ARRIVAL INSTRUCTIONS FROM ATC. 1609161845-1709152359.

FDC 6/2675 RNO ODP RENO/TAHOE INTL, RENO, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 16L, 600-1 1/4 WITH MINIMUM CLIMB OF 480 FT PER NM TO 8000, OR 2700-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232128-1707052128EST.

FDC 6/1256 RNO IAP RENO/TAHOE INTL, RENO, NV. ILS Z OR LOC Z RWY 16R, ORIG...DISREGARD NOTE: RNAV 1 - GPS REQUIRED. NOTE: RNP 1 - GPS REQUIRED. 1611201543-1707021543EST.

FDC 5/0454 RNO ODP RENO/TAHOE INTL, RENO, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 16L, 600-1 1/4 WITH MINIMUM CLIMB OF 480 FT PER NM TO 8000, OR 2700-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1508271454-1602231454EST.

TONOPAH

Tonopah

FDC 6/8014 TPH IAP TONOPAH, TONOPAH, NV. VOR OR GPS-A, AMDT 3B...PLANVIEW NOTE: MAXIMUM 210 KIAS HOLDING AT TPH VORTAC. 1611151705-1706271705EST.

FDC 6/2681 TPH ODP TONOPAH, TONOPAH, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWYS 15,33, STANDARD WITH MINIMUM CLIMB OF 345 FEET PER NM TO 7900. DEPARTURE PROCEDURE: RWY 15, CLIMBING LEFT TURN DIRECT TONOPAH (TPH) VORTAC. RWY 33, CLIMBING RIGHT TURN DIRECT TONOPAH (TPH) VORTAC. CONTINUE CLIMB IN HOLDING PATTERN (W, RIGHT TURNS, 085 INBOUND) TO DEPART TPH VORTAC AT OR ABOVE 10500. CLIMB ON COURSE TO MEA OR ASSIGNED ALTITUDE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232132-1707052132EST.

WINNEMUCCA

Winnemucca Muni

FDC 6/8545 WMC IAP WINNEMUCCA MUNI, WINNEMUCCA, NV. RNAV (GPS) RWY 32, ORIG...VGSi AND RNAV GLIDEPATH NOT COINCIDENT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612072142-1707192142EST.

FDC 6/2678 WMC ODP WINNEMUCCA MUNI, WINNEMUCCA, NV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 2, STANDARD WITH A MINIMUM CLIMB OF 495 FEET PER NM TO 7700.. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232130-1707052130EST.

NEW HAMPSHIRE

CONCORD

Concord Muni

FDC 7/8490 CON IAP CONCORD MUNI, CONCORD, NH. RNAV (GPS) RWY 12, ORIG-B...DELETE: DESCENT ANGLE 3.04/TCH 45. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701271620-1709081619EST.

KEENE

Dillant-Hopkins

FDC 6/2749 EEN IAP DILLANT-HOPKINS, KEENE, NH. ILS OR LOC RWY 2, AMDT 4...RNAV (GPS) RWY 2, ORIG...VOR RWY 2, AMDT 13...NOTE: NIGHT LANDING: RWY 20, 32 NA. 1610041436-1705161436EST.

FDC 6/1487 EEN ODP DILLANT-HOPKINS, KEENE, NH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKE-OFF MINIMUMS RWY 02, 1200- 2 1/4 WITH MINIMUM CLIMB OF 300 FT PER NM TO 2100. TAKE-OFF MINIMUMS RWY 14, 2200-2. TAKE-OFF MINIMUMS RWY 20, NA. TAKE-OFF MINIMUMS RWY 32, 1600-2 WITH MINIMUM CLIMB OF 230 FT PER NM TO 2500. ALL OTHER DATA REMAINS AS PUBLISHED. 1609301954-1705121953EST.

LEBANON

Lebanon Muni

FDC 7/6635 LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 36, ORIG-B...DESCENT ANGLE 3.16/TCH 55 NA. 1701222119-1709032119EST.

FDC 6/8539 LEB IAP LEBANON MUNI, LEBANON, NH. ILS OR LOC RWY 18, AMDT 6...MISSED APPROACH: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4500 DIRECT LEB VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500. 1612072137-1707192137EST.

FDC 6/8436 LEB IAP LEBANON MUNI, LEBANON, NH. VOR/DME RWY 7, AMDT 1D...MISSED APPROACH: CLIMB TO 4500 DIRECT LEB VOR/DME AND HOLD. 1612072121-1707192121EST.

FDC 6/3110 LEB ODP LEBANON MUNI, LEBANON, NH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 18, 300-1 WITH MINIMUM CLIMB OF 380 FT PER NM TO 3800, OR 2000-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED. 1610191716-1705311716EST.

MANCHESTER

Manchester

FDC 7/8719 MHT IAP MANCHESTER, MANCHESTER, NH. ILS OR LOC RWY 35, AMDT 2...ILS RWY 35 (SA CAT I), AMDT 2...ILS RWY 35 (CAT II & III), AMDT 2...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 7/8718 MHT IAP MANCHESTER, MANCHESTER, NH. ILS OR LOC RWY 6, AMDT 2...ADF REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. RADAR OR DME REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 7/6651 MHT SID MANCHESTER, MANCHESTER, NH. PPORT TWO DEPARTURE (RNAV)...TAKEOFF MINIMUMS: RWY 17: STANDARD WITH MINIMUM CLIMB OF 468 FT PER NM TO 3000. TAKEOFF OBSTACLE NOTES: RWY 17: TEMP CRANE 3861 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, 100 FT AGL/430 FT MSL (2016-ANE-725-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701231200-1703032330EST.

FDC 7/6650 MHT SID MANCHESTER, MANCHESTER, NH. MANCHESTER EIGHT DEPARTURE...TAKEOFF MINIMUMS: RWY 17: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 468 FT PER NM TO 600. TAKEOFF OBSTACLE NOTES: RWY 17: TEMP CRANE 3861 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, 100 FT AGL/430 FT MSL (2016-ANE-725-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701231200-1703032330EST.

FDC 7/6649 MHT ODP MANCHESTER, MANCHESTER, NH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 10...TAKEOFF MINIMUMS: RWY 17, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 468 FT PER NM TO 600. NOTE: RWY 17, TEMP CRANE 3861 FT FROM DER, 1041 FT RIGHT OF CENTERLINE, 100 FT AGL/430 FT MSL (2016-ANE-725-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701231200-1703032330EST.

FDC 7/2263 MHT IAP MANCHESTER, MANCHESTER, NH. ILS OR LOC RWY 35, AMDT 2...ILS OR LOC/DME RWY 17, AMDT 2A...ILS RWY 35 (SA CAT I), AMDT 2...ILS RWY 35 (CAT II AND III), AMDT 2...ALTERNATE MINIMUMS NA, MHT VOR/DME UNMONITORED. 1702080251-1703070251EST.

NASHUA

Boire Field

FDC 7/8713 ASH IAP BOIRE FIELD, NASHUA, NH. ILS OR LOC RWY 14, AMDT 1B...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3800 ON HEADING 330 AND I-ASH LOCALIZER NW COURSE (319) TO MUGGY INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3800, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 7/2264 ASH IAP BOIRE FIELD, NASHUA, NH. ILS OR LOC RWY 14, AMDT 1B...VOR-A, AMDT 12A...ALTERNATE MINIMUMS NA. MHT VOR/DME UNMONITORED. 1702080251-1703070251EST.

PORTSMOUTH

Portsmouth Intl At Pease

FDC 7/8717 PSM IAP PORTSMOUTH INTL AT PEASE, PORTSMOUTH, NH. ILS OR LOC RWY 34, AMDT 3...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

FDC 7/8712 PSM IAP PORTSMOUTH INTL AT PEASE, PORTSMOUTH, NH. ILS OR LOC RWY 16, AMDT 2...MISSED APPROACH: CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA CON VORTAC R-130 TO RAYMY INT/MHT 16.16 DME AND HOLD, LWM VOR OUT OF SERVICE. 1701281545-1709091545EST.

WHITEFIELD

Mount Washington Rgnl

FDC 7/0913 HIE ODP MOUNT WASHINGTON RGNL, WHITEFIELD, NH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...DEPARTURE PROCEDURE: RWY 10, 28 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GMA NDB OUT OF SERVICE. 1702031454-1703031454EST.

NEW JERSEY

ANDOVER

Aeroflex-Andover

FDC 6/3676 12N ODP AEROFLEX-ANDOVER, ANDOVER, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE RWY 3, 500-2 OR STANDARD WITH A MINIMUM CLIMB OF 366 FT PER NM TO 900. RWY 21, 600-2 OR STANDARD WITH A MINIMUM CLIMB OF 295 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201230-1706011230EST.

ATLANTIC CITY

Atlantic City Intl

FDC 7/1727 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. VOR/DME RWY 22, AMDT 6C...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SIE VORTAC OUT OF SERVICE. 1701061448-1708181448EST.

FDC 6/8737 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. VOR RWY 4, AMDT 15B...PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SIE VORTAC AIRWAY RADIALS 333 CW 059. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610131239-1705251239EST.

FDC 6/6399 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. ILS OR LOC RWY 13, AMDT 8A...S-LOC 13. RADAR OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CYN R-221 UNUSABLE. 1612051915-1707171915EST.

FDC 6/6397 ACY IAP ATLANTIC CITY INTL, ATLANTIC CITY, NJ. VOR RWY 13, AMDT 4B...RADAR OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CYN R-221 UNUSABLE. 1612051915-1707171915EST.

BELMAR/FARMINGDALE

Monmouth Executive

FDC 6/3836 BLM IAP MONMOUTH EXECUTIVE, BELMAR/FARMINGDALE, NJ. RNAV (GPS) RWY 32, ORIG-A...LNAV MDA 560/HAT 407 ALL CATS. VIS CAT C/D 1 1/8. 1610201335-1706011335EST.

BERLIN

Camden County

FDC 7/1820 19N IAP CAMDEN COUNTY, BERLIN, NJ. RNAV (GPS) RWY 5, ORIG-D...DELETE: DESCENT ANGLE 3.06/TCH 30. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701061721-1708181721EST.

FDC 6/1113 19N IAP CAMDEN COUNTY, BERLIN, NJ. RNAV (GPS) RWY 5, ORIG-D...LNAV MDA 760/HAT 610 ALL CATS. TEMP CRANE 410 MSL 2.74 NM SW OF RWY 5 (2016-AEA-5400-OE). 1609301153-1705121153EST.

CALDWELL

Essex County

FDC 6/1739 CDW STAR CALDWELL/ESSEX COUNTY, CALDWELL NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTH 1605101735-PERM.

FDC 6/1264 CDW IAP ESSEX COUNTY, CALDWELL, NJ. RNAV (GPS) RWY 22, AMDT 2...LPV AND LNAV/VNAV DA NA. 1611201550-1707021550EST.

FDC 6/0980 CDW IAP ESSEX COUNTY, CALDWELL, NJ. RNAV (GPS) RWY 4, ORIG-B...CIRCLING CAT A MDA 960/HAA 788. 1611191904-1707011903EST.

FDC 6/0975 CDW IAP ESSEX COUNTY, CALDWELL, NJ. RNAV (GPS) RWY 10, ORIG-B...LP MDA 600/HAT 428 ALL CATS, VIS CAT C/D 1 1/4. CIRCLING CAT A MDA 960/HAA 788. 1611191902-1707011902EST.

FDC 6/0972 CDW ODP ESSEX COUNTY, CALDWELL, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS: RWY 22, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 650 FT PER NM TO 500. ALL OTHER DATA REMAINS AS PUBLISHED. 1611191901-1707011901EST.

CROSS KEYS

Cross Keys

FDC 6/2372 17N IAP CROSS KEYS, CROSS KEYS, NJ. VOR OR GPS RWY 9, AMDT 6...MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT OOD VORTAC AND HOLD. MINIMUM HOLDING ALTITUDE 2100. MSA FROM OOD BEARING 180 CW 270 2600, BEARING 270 CW 180 2200. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611031627-1706151627EST.

LAKEWOOD

Lakewood

FDC 7/8767 N12 IAP LAKEWOOD, LAKEWOOD, NJ. RNAV (GPS) RWY 24, ORIG-B...LNAV MDA NA. MC GUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) ALTIMETER SETTING MINIMUMS LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 34:1 IS NOT CLEAR. 1701291534-1709101534EST.

FDC 7/1150 N12 IAP LAKEWOOD, LAKEWOOD, NJ. RNAV (GPS) RWY 24, ORIG-B...DELETE: DESCENT ANGLE 2.95/TCH 40. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. 1701051531-1708171531EST.

FDC 6/3799 N12 IAP LAKEWOOD, LAKEWOOD, NJ. RNAV (GPS) RWY 6, ORIG-B...LNAV MDA NA. JOINT BASE MC GUIRE DIX LAKEHURST ALTIMETER SETTING MINIMUMS LNAV MDA NA. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CYN VORTAC AIRWAY RADIALS 046 CW 100. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. 34:1 IS NOT CLEAR. 1609161744-1704281744EST.

FDC 6/2458 N12 IAP LAKEWOOD, LAKEWOOD, NJ. VOR RWY 6, AMDT 6B...S-6 NA. CIRCLING MDA 640/HAA 597 ALL CATS. MCGUIRE FLD (JOINT BASE MC GUIRE DIX LAKEHURST) ALTIMETER SETTING MINIMUMS: S-6 NA CIRCLING MDA 680/HAA 637 ALL CATS. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: DME REQUIRED, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CYN VORTAC AIRWAY RADIALS 046 CW 100. 1611031700-1706151700EST.

LINCOLN PARK

Lincoln Park

FDC 7/3615 N07 ODP LINCOLN PARK, LINCOLN PARK, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKEOFF MINIMUMS: RWY 19, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 239 FT PER NM TO 600. NOTE: RWY 1, HANGER 16 FT FROM DER, 218 FT RIGHT OF CENTERLINE, 15 FT AGL/198 FT MSL. DEPARTURE PROCEDURE: RWY 01, CLIMB VISUALLY OVER AIRPORT TO 1300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701112109-1708232109EST.

FDC 6/1363 N07 IAP LINCOLN PARK, LINCOLN PARK, NJ. RNAV (GPS) RWY 19, ORIG...TERMINAL ROUTE FROM SPARTA (SAX) VORTAC TO ZASEB (IAF) MINIMUM ALTITUDE 2900. TERMINAL ROUTE FROM ZASEB (IAF) TO WANVA (NO PT) (IF/IAF) MINIMUM ALTITUDE 2900. HOLD-IN-LIEU MINIMUM ALTITUDE 2900. MISSED APPROACH: CLIMBING LEFT TURN TO 2900 DIRECT WANVA AND HOLD. 1611201922-1707021922EST.

LINDEN

Linden

FDC 7/5846 LDJ ODP LINDEN, LINDEN, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKEOFF MINIMUMS: RWY 9, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 338 FT PER NM TO 400. NOTE: RWY 9, TOWER 3646 FT FROM DER, 706 FT RIGHT OF CENTERLINE, 145 FT AGL/172 FT MSL (KLDJT1123). RWY 27, ANTENNAS BEGINNING 20 FT FROM DER, 466 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/58 FT MSL (2016-AEA-4627/4628/4630/4631-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701191414-1708311412EST.

FDC 6/1745 LDJ STAR LINDEN, LINDEN, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTH 1605101745-PERM.

MANVILLE

Central Jersey Rgnl

FDC 6/1743 47N STAR MANVILLE/CENTRAL JERSEY RGNL, MANVILLE, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTH 1605101740-PERM.

MILLVILLE

Millville Muni

FDC 6/7942 MIV IAP MILLVILLE MUNI, MILLVILLE, NJ. RNAV (GPS) RWY 32, ORIG-B...NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1610271410-1706081410EST.

FDC 6/1347 MIV IAP MILLVILLE MUNI, MILLVILLE, NJ. RNAV (GPS) RWY 10, ORIG-A...LPV DA 346/HATH 272, VIS 7/8 ALL CATS. LNAV VIS CATS A/B 1, CATS C/D 1 1/8. NOTE: INOPERATIVE TABLE DOES NOT APPLY. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING TO RWY 32 NA AT NIGHT. DISREGARD NOTE: FOR INOP MALSR WHEN USING ATLANTIC CITY ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8. 1611201916-1707021916EST.

MORRISTOWN

Morristown Muni

FDC 7/0399 MMU IAP MORRISTOWN MUNI, MORRISTOWN, NJ. RNAV (GPS) Z RWY 23, AMDT 1...ALTERNATE MINS STANDARD EXCEPT: CAT D TO 900-2 3/4. 1701032125-1708152125EST.

FDC 6/1744 MMU STAR MORRISTOWN MUNI, MORRISTOWN, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTH 1605101740-PERM.

MOUNT HOLLY

South Jersey Rgnl

FDC 6/3944 VAY IAP SOUTH JERSEY RGNL, MOUNT HOLLY, NJ. RNAV (GPS) RWY 26, AMDT 1B...LP MDA NA. 1608301112-1704111112EST.

NEWARK

Newark Liberty Intl

FDC 7/9355 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (RNP) Z RWY 4R, ORIG-D...*RNP 0.15 DA 451/HAT 440, VIS RVR 6000 ALL CATS. RNP 0.30 DA 498/HAT 487. TEMP CRANE 190 MSL 2965 FT SOUTH OF RWY 4R (2016-AEA-9742-OE), TEMP CRANE 137 MSL 3462 FT SE OF RWY 4L (2016-AEA-8047/8048/8050/8051/8052-OE). 1701311800-1703281800EST.

FDC 7/6382 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (GPS) X RWY 29, ORIG...PROCEDURE NA. 1701202047-1709012047EST.

FDC 7/5892 EWR SID NEWARK LIBERTY INTL, NEWARK, NJ. LIBERTY THREE DEPARTURE...NEWARK TWO DEPARTURE...PORTT THREE DEPARTURE (RNAV)...TAKEOFF OBSTACLE NOTES: RWY 22L: TEMP CRANE 1077 FT FROM DER, 2884 FT LEFT OF CENTERLINE, 75 FT AGL/85 FT MSL (2017-AEA-223-OE). TEMP CRANES BEGINNING 3147 FT FROM DER, 1059 FT LEFT OF CENTERLINE, UP TO 118 FT AGL/137 FT MSL (2016-AEA-8047/8048/8050/8051/8052-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701191454-1708311452EST.

FDC 7/5886 EWR ODP NEWARK LIBERTY INTL, NEWARK, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...NOTE: RWY 22L, TEMP CRANE 1077 FT FROM DER, 2884 FT LEFT OF CENTERLINE, 75 FT AGL/85 FT MSL (2017-AEA-223-OE). TEMP CRANES BEGINNING 3147 FT FROM DER, 1059 FT LEFT OF CENTERLINE, UP TO 118 FT AGL/137 FT MSL (2016-AEA-8047/8048/8050/8051/8052-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701191441-1708311440EST.

FDC 7/4442 EWR SID NEWARK LIBERTY INTL, NEWARK, NJ. PORTT THREE DEPARTURE (RNAV)...TAKEOFF MINIMUMS: RWY 22R: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 500 OR ALTERNATIVELY, WITH A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER. ATC CLIMB OF 500 FT PER NM TO 518. ALL OTHER DATA REMAINS AS PUBLISHED. 1701141840-1708261840EST.

FDC 7/1234 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 11, AMDT 2D...ILS OR LOC RWY 22L, AMDT 13B...RNAV (GPS) RWY 11, ORIG-E...RNAV (GPS) RWY 22R, AMDT 1D...CIRCLING CAT C MDA 820/HAA 802. VIS CAT C 2 1/4. 1701051633-1708171633EST.

FDC 6/4423 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 22L, AMDT 13B...ILS RWY 22L (SA CAT I), AMDT 13B, ILS RWY 22L (CAT II & III), AMDT 13B...MISSED APPROACH: CLIMB TO 3000 ON HEADING 219, EXPECT RADAR VECTORS TO BONIE. 1610201751-1706011751EST.

FDC 6/4162 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. ILS OR LOC RWY 22R, AMDT 6A...MISSED APPROACH: CLIMB TO 3000 ON HEADING 219, EXPECT RADAR VECTORS TO BONIE. 1612202218-1708012218EST.

FDC 6/2702 EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. RNAV (GPS) Z RWY 22L, AMDT 2...LNAV MDA 620/HAT 609 ALL CATS. VIS CATS C/D 1 3/8. VDP 1.72 NM TO RW22L. TEMPORARY CRANE 361 MSL 2.61 NM NE OF RWY 22L (2014-AEA-3335-OE). 1609151505-1704271505EST.

FDC 6/2283 EWR IAP NEWARK LIBERTY INTL,
NEWARK, NJ. ILS OR LOC RWY 22R, AMDT
6A...SIDESTEP RWY 22L MDA 620/HAT 609 ALL CATS.
VIS CAT C 1 3/8. TEMPORARY CRANE 361 MSL 2.61
NM NE OF RWY 22L (2014-AEA-3335-OE).
1608111504-1703231504EST.

FDC 6/2279 EWR IAP NEWARK LIBERTY INTL,
NEWARK, NJ. ILS OR LOC RWY 22L, AMDT
13B...S-LOC 22L MDA 620/HAT 609 ALL CATS. VIS
CATS C/D 1 3/8. SIDESTEP RWY 22R MDA 620/HAT
609 ALL CATS. VIS CAT C 1 3/8. VDP 1.85 DME FROM
I-LSQ OR 1.72 NM TO RW22L. TEMPORARY CRANE
361 MSL 2.61 NM NE OF RWY 22L
(2014-AEA-3335-OE). 1608111504-1703231504EST.

FDC 6/1757 EWR STAR NEWARK LIBERTY INTL,
NEWARK NJ. DYLIN FOUR ARRIVAL GVE
TRANSITION NA EXCEPT FOR ACFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, OTT
VOR U/S 1605101755-PERM.

FDC 6/1756 EWR STAR NEWARK LIBERTY INTL,
NEWARK NJ. DYLIN FOUR ARRIVAL FAK
TRANSITION NA EXCEPT FOR ACFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, OTT
VOR U/S 1605101755-PERM.

FDC 6/1752 EWR STAR NEWARK LIBERTY INTL,
NEWARK, NJ., DYLIN FOUR ARRIVAL...CHANGE
WASHINGTON CENTER FREQUENCY TO 132.52 VICE
132.53 1605101755-PERM.

FDC 6/1203 EWR IAP NEWARK LIBERTY INTL,
NEWARK, NJ. ILS OR LOC RWY 4L, AMDT 15...ILS
RWY 4L (SA CAT I AND II), AMDT 15...RADAR
REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS. CRI R-263 UNUSABLE.
1610171317-1705291317EST.

FDC 6/0754 EWR IAP NEWARK LIBERTY INTL,
NEWARK, NJ. VOR RWY 11, AMDT 2D...DCOTA FIX
MINIMUMS NA. 1612122117-1707242117EST.

OLD BRIDGE

Old Bridge

FDC 7/1155 3N6 IAP OLD BRIDGE, OLD BRIDGE, NJ.
RNAV (GPS) RWY 6, ORIG-A...DELETE: DESCENT
ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL
SEGMENT-OBSTACLES. 1701051537-1708171537EST.

PEDRICKTOWN

Spitfire Aerodrome

FDC 7/1148 7N7 IAP SPITFIRE AERODROME,
PEDRICKTOWN, NJ. RNAV (GPS) RWY 7,
ORIG...DELETE: DESCENT ANGLE 3.04/TCH 40.
PROFILE NOTE: VISUAL SEGMENT-OBSTACLES.
1701051516-1708171516EST.

PRINCETON/ROCKY HILL

Princeton

FDC 7/0698 39N IAP PRINCETON,
PRINCETON/ROCKY HILL, NJ. RNAV (GPS) RWY 10,
AMDT 1A...LNAV HAT CATS A/B/C 512. CHART TDZE
128, DELETE THRE 120. CHART NOTE: RWY 10, 28
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DELETE NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. THIS IS RNAV (GPS) RWY 10, AMDT
1B. 1702022053-PERM.

RANCOCAS

Inductotherm

FDC 7/0274 3NJ6 SPECIAL INDUCTOTHERM,
RANCOCAS, NJ. RNAV (GPS) RWY 20, AMDT 1...LNAV
MDA 640/HAT 567 ALL CATS.
1701031634-1708151634EST.

FDC 6/3565 3NJ6 SPECIAL INDUCTOTHERM,
RANCOCAS, NJ. RNAV (GPS) RWY 02, AMDT 1...RNAV
(GPS) RWY 20, AMDT 1...VDA/TCH NA.
1610201142-1706011142EST.

ROBBINSVILLE

Trenton-Robbinsville

FDC 6/4732 N87 IAP TRENTON-ROBBINSVILLE,
ROBBINSVILLE, NJ. RNAV (GPS) RWY 11,
ORIG-A...NIGHT LANDING RWY 11, 29 NA. VISUAL
DESCENT ANGLE 3.00/TCH 40 NA.
1609191819-1705011819EST.

SOMERVILLE

Somerset

FDC 6/1682 SMQ STAR SOMERVILLE/SOMERST,
SOMERVILLE, NJ. MAZIE TWO ARRIVAL:
PUBLISHED HOLDING AT MAZIE NOT AUTH
1605101720-PERM.

TETERBORO

Teterboro

FDC 7/1336 TEB ODP TETERBORO, TETERBORO, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...NOTE: RWY 24, TEMP CRANE 3417 FT FROM DER, 1072 FT LEFT OF CENTERLINE, 120 AGL/135 MSL (2015-AEA-6526). ALL OTHER DATA REMAINS AS PUBLISHED. 1702071200-1705071429EST.

FDC 6/7413 TEB VFP TETERBORO, TETERBORO, NJ. QUIET VISUAL RWY 19 NA 1610261817-PERM.

FDC 6/1747 TEB STAR TETERBORO, TETERBORO, NJ. MAZIE TWO ARRIVAL: PUBLISHED HOLDING AT MAZIE NOT AUTH 1605101745-PERM.

TOMS RIVER

Ocean County

FDC 6/1530 MJX ODP OCEAN COUNTY, TOMS RIVER, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKEOFF MINIMUMS: RWY 14, 32, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202048-1707022048EST.

TRENTON

Trenton Mercer

FDC 4/0370 TTN STAR TRENTON MERCER, TRENTON, NJ. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

WILDWOOD

Cape May County

FDC 7/1726 WWD IAP CAPE MAY COUNTY, WILDWOOD, NJ. LOC RWY 19, AMDT 6F...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SIE VORTAC OUT OF SERVICE. 1701061448-1708181448EST.

WOODBINE

Woodbine Muni

FDC 6/8681 OBI IAP WOODBINE MUNI, WOODBINE, NJ. VOR-A, AMDT 1A...NOTE: CIRCLING RWY 13, 31, 19 NA AT NIGHT. NOTE: RWY 13, 19, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1610281337-1706091337EST.

FDC 6/8680 OBI IAP WOODBINE MUNI, WOODBINE, NJ. RNAV (GPS) RWY 1, ORIG-B...NOTE: CIRCLING RWY 13, 19, 31 NA AT NIGHT. NOTE: RWY 13, 19, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 31 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1610281337-1706091337EST.

FDC 6/8679 OBI IAP WOODBINE MUNI, WOODBINE, NJ. RNAV (GPS) RWY 19, ORIG-A...NOTE: CIRCLING RWY 13, 31 NA AT NIGHT. NOTE: STRAIGHT-IN RWY 19 NA AT NIGHT. NOTE RWY 13, 19, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. DISREGARD NOTE: NIGHT LANDING: RWY 31 NA.. 1610281337-1706091337EST.

NEW MEXICO

ALBUQUERQUE

Albuquerque Intl Sunport

FDC 6/5904 ABQ IAP ALBUQUERQUE INTL SUNPORT, ALBUQUERQUE, NM. VOR OR TACAN RWY 8, AMDT 20A...EYECE FIX MINIMUMS NA. MISSED APPROACH: TACAN AIRCRAFT CLIMB TO 10500 ON ABQ R-272 TO AROYO INT/ABQ 15 DME AND HOLD W, RT, 092 INBOUND. DISREGARD NOTE: CIRCLING NA FOR CAT E EAST OF RWY 17 / 35. NOTE: CIRCLING CAT E NA. 1608312127-1704122127EST.

FDC 6/1751 ABQ IAP U.S. DOD ALBUQUERQUE INTL SUNPORT, ALBUQUERQUE, NM. HI ILS OR LOC RWY 8, AMDT 2...HI TACAN RWY 8, AMDT 2...CIRCLING CAT E MDA 6120/HAA 766. VIS CAT E 2 3/4. THIS IS A MILITARY NOTAM. 1610031235-1705151235EST.

Double Eagle II

FDC 7/0832 AEG CHART DOUBLE EAGLE II, ALBUQUERQUE, NM. ILS OR LOC RWY 22, AMDT 3...CORRECT PLANVIEW: IN ALTERNATE MAP BOX, CHANGE R-316 TO READ 113.2 (NO VOICE) ABQ CHAN 79 INSTEAD OF 110.6 (NO VOICE) SAF CHAN 79. IN ALTERNATE MAP BOX, CHANGE R-238 TO READ 110.6 (NO VOICE) SAF CHAN 43 INSTEAD OF 113.2 (NO VOICE) ABQ CHAN 43. 1702031226-PERM.

GALLUP

Gallup Muni

FDC 6/5190 GUP IAP GALLUP MUNI, GALLUP, NM. RNAV (GPS) RWY 24, ORIG...LNAV MDA 7360/HAT 888 ALL CATS, VIS CAT A/B 1 1/4, CAT C/D 2 1/2. CIRCLING MDA 7360/HAA 888 ALL CATS, VIS CAT A/B 1 1/4, CAT C 2 3/4. NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. ALTERNATE MINIMUMS CAT A,B 900-2, CAT C 900-2 3/4, CAT D 900-3. 1612272223-1708082223EST.

HOBBS

Lea County Rgnl

FDC 7/0701 HOB IAP LEA COUNTY RGNL, HOBBS, NM. VOR/DME OR TACAN RWY 21, AMDT 9B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HOB TACAN OUT OF SERVICE. 1702022101-1709142100EST.

FDC 6/4500 HOB ODP LEA COUNTY RGNL, HOBBS, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A...TAKE-OFF MINIMUMS: RWY 03, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 382 FT PER NM TO 3900. NOTE: RWY 3, DRILLING RIG, 3375 FT FROM DEPARTURE END OF RWY, 1133 FT RIGHT OF CENTERLINE, 170 AGL/3810 MSL, (2016-ASW-11950-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1612231400-1703011400EST.

FDC 6/4499 HOB IAP LEA COUNTY RGNL, HOBBS, NM. RNAV (GPS) RWY 21, AMDT 1A...LNAV/VNAV DA 3991/HAT 342 ALL CATS. VIS 1 ALL CATS. LNAV MDA 4060/HAT 411 ALL CATS. VDP 1.15 NM TO RW21. DRILLING RIG, 3810 MSL, 3560 FT NE OF APPROACH END RWY 21, (2016-ASW-11950-OE). 1612231400-1703011400EST.

RATON

Raton Muni/Crews Field

FDC 7/8944 RTN IAP RATON MUNI/CREWS FIELD, RATON, NM. RNAV (GPS) RWY 2, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN MINIMUMS NA AT NIGHT. ADD NOTE: PROCEDURE NA AT NIGHT. 1701292331-1709102331EST.

FDC 6/7350 RTN IAP RATON MUNI/CREWS FIELD, RATON, NM. VOR/DME RWY 2, AMDT 7...PROCEDURE NA. 1610121155-1705241155EST.

ROSWELL

Roswell Intl Air Center

FDC 6/0991 ROW IAP ROSWELL INTL AIR CENTER, ROSWELL, NM. RNAV (GPS) RWY 21, ORIG...LNAV/VNAV DA 3995/HAT 362 ALL CATS.. 1609292044-1705112043EST.

RUIDOSO

Sierra Blanca Rgnl

FDC 6/2810 SRR ODP SIERRA BLANCA RGNL, RUIDOSO, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...PROCEDURE NA, USE CAPITAN ONE DEPARTURE. 1611260004-1707080003EST.

SANTA FE

Santa Fe Muni

FDC 6/2338 SAF IAP SANTA FE MUNI, SANTA FE, NM. RNAV (GPS) RWY 15, ORIG...LNAV MDA 6840/HAT 522 ALL CATS. VIS CATS 1 1/2. VDP 1.5 NM TO RW15. 1610041204-1705161203EST.

FDC 6/0007 SAF ODP SANTA FE MUNI, SANTA FE, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: PILOTS SHALL NOTIFY SAF AIR TRAFFIC CONTROL TOWER OR ALBUQUERQUE AIR ROUTE TRAFFIC CONTROL CENTER PRIOR TO FLYING THIS DEPARTURE PROCEDURE.ALL OTHER DATA REMAINS AS PUBLISHED. 1610312107-1706122107EST.

SILVER CITY

Grant County

FDC 6/8662 SVC IAP GRANT COUNTY, SILVER CITY, NM. VOR-A, AMDT 7C...CIRCLING CAT A MDA 5940/HAA 494, CAT B/C MDA 5980/HAA 534. ALTERNATE MINIMUMS: STANDARD. 1608041949-1703161949EST.

FDC 6/8464 SVC IAP GRANT COUNTY, SILVER CITY, NM. RNAV (GPS) RWY 8, ORIG-A...CIRCLING CAT A MDA 5940/HAA 494, CAT B/C MDA 5980/HAA 534. 1608041547-1703161547EST.

TUCUMCARI

Tucumcari Muni

FDC 7/8899 TCC ODP TUCUMCARI MUNI, TUCUMCARI, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKEOFF MINIMUMS: RWY 21: STANDARD WITH MINIMUM CLIMB OF 269 FT PER NM TO 5400. NOTE: RWY 3: TREE 97 FT FROM DER, 486 FT LEFT OF CENTERLINE, 4067 FT MSL. TREE 308 FT FROM DER, 499 FT LEFT OF CENTERLINE, 4072 FT MSL. TREE 354 FT FROM DER, 569 FT LEFT OF CENTERLINE, 4073 FT MSL. TREE 370 FT FROM DER, 485 FT LEFT OF CENTERLINE, 4087 FT MSL. NOTE: RWY 8: GRD 23 FT FROM DER, 331 FT LEFT OF CENTERLINE, 4040 FT MSL. NOTE: RWY 21: ELEC SYS 7 FT FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/4041 FT MSL. VEHICLE ON ROAD 425 FT FROM DER, 603 FT RIGHT OF CENTERLINE, 15 FT AGL/4055 FT MSL. T-L TWR 494 FT FROM DER, 469 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/4067 FT MSL. NOTE: RWY 26, VEHICLE ON ROAD 558 FT FROM DER, 14 FT LEFT OF CENTERLINE, 15 FT AGL/4079 FT MSL. TREE 595 FT FROM DER, 344 FT RIGHT OF CENTERLINE, 4102 FT MSL. TREE 847 FT FROM DER, 577 FT RIGHT OF CENTERLINE, 4114 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292205-1709102205EST.

ZUNI PUEBLO

Black Rock

FDC 6/5753 ZUN ODP BLACK ROCK, ZUNI PUEBLO, NM. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE CHANGE ALL REFERENCES FROM RWY 7/25 TO RWY 6/24.. TAKE-OFF MINIMUMS RWY 06 NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1610071602-1705191602EST.

NEW YORK

ALBANY

Albany Intl

FDC 7/4469 ALB IAP ALBANY INTL, ALBANY, NY. RNAV (RNP) Z RWY 19, ORIG-A...RNP 0.30 DA 763/HAT483, VIS RVR 6000 ALL CATS. CHANGE NOTE: FOR INOPERATIVE MALSR INCREASE RNP 0.30 VISIBILITY TO 1 5/8. 1701141901-1708261901EST.

BATAVIA

Genesee County

FDC 7/0660 GVQ IAP GENESEE COUNTY, BATAVIA, NY. RNAV (GPS) RWY 10, ORIG...LPV DA 1114. LNAV/VNAV DA 1168. LNAV HAT 346 ALL CATS. CHART TDZE 914, DELETE THRE 912. THIS IS RNAV (GPS) RWY 10, ORIG-A. 1702022014-PERM.

BROCKPORT

Ledgedale Airpark

FDC 7/0696 7G0 IAP LEDGEDALE AIRPARK, BROCKPORT, NY. RNAV (GPS) RWY 28, AMDT 1A...LNAV HAT CATS A/B 395. CHART TDZE 665, DELETE THRE 663. CHART NOTE: RWY 10, 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 28, AMDT 1B. 1702022047-PERM.

BUFFALO

Buffalo Airfield

FDC 6/7013 9G0 IAP BUFFALO AIRFIELD, BUFFALO, NY. RNAV (GPS) RWY 24, AMDT 1A...DESCENT ANGLE 3.00/TCH 40 NA. VDP NA.. 1609042228-1704162228EST.

FDC 6/7012 9G0 IAP BUFFALO AIRFIELD, BUFFALO, NY. RNAV (GPS) RWY 6, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. VDP NA.. 1609042228-1704162228EST.

CANANDAIGUA

Canandaigua

FDC 6/3695 D38 IAP CANANDAIGUA, CANANDAIGUA, NY. VOR-A, ORIG-A...PROCEDURE NA. 1608291448-1704101448EST.

CORTLAND

Cortland County-Chase Field

FDC 6/1313 N03 ODP CORTLAND COUNTY-CHASE FIELD, CORTLAND, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...NOTE: RWY 6, UTILITY POLE 1071 FT FROM DER, 744 FT LEFT OF CENTERLINE, 43 FT AGL/1195 FT MSL (2015-AEA-6097-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610171412-1705291412EST.

DANSVILLE

Dansville Muni

FDC 6/5034 DSV IAP DANSVILLE MUNI, DANSVILLE, NY. RNAV (GPS) RWY 14, ORIG...LNAV MDA 1840/HAT 1205 ALL CATS. VIS CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING RWY 18/36 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. 1609201244-1705021244EST.

DUNKIRK

Chautauqua County/Dunkirk

FDC 6/0614 DKK IAP CHAUTAUQUA COUNTY/DUNKIRK, DUNKIRK, NY. VOR RWY 24, AMDT 8A...S-24 MDA 1360/HAT 698 ALL CATS. VIS CATS C/D 2. CIRCLING CATS A/B MDA 1360/HAA 668. WIND TURBINE 1048 MSL 8.54 NM NE OF RWY 24 (2016-WTE-6529-OE). 1609291617-1705111605EST.

ELLENVILLE

Joseph Y Resnick

FDC 6/7409 N89 IAP JOSEPH Y RESNICK, ELLENVILLE, NY. GPS RWY 22, ORIG...GPS RWY 4, ORIG...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: NIGHT LANDING NA. 1610121235-1705241235EST.

ELMIRA/CORNING

Elmira/Corning Rgnl

FDC 7/0806 ELM IAP ELMIRA/CORNING RGNL, ELMIRA/CORNING, NY. ILS OR LOC RWY 6, AMDT 5A...MISSED APPROACH: CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 020 AND ITH VOR/DME R-236 TO WIKKI INT/ITH 19.79 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, ULW VOR OUT OF SERVICE. 1701042200-1703012200EST.

FDC 7/0805 ELM IAP ELMIRA/CORNING RGNL, ELMIRA/CORNING, NY. ILS OR LOC RWY 24, AMDT 19A...MISSED APPROACH: CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ALP NDB AND HOLD, ULW VOR OUT OF SERVICE. 1701042200-1703012200EST.

ENDICOTT

Tri-Cities

FDC 7/6553 CZG IAP TRI-CITIES, ENDICOTT, NY. RNAV (GPS) RWY 3, ORIG-A...DESCENT ANGLE 3.06/TCH 40 NA. 1701222022-1709032022EST.

FARMINGDALE

Republic

FDC 5/6743 FRG STAR REPUBLIC AIRPORT, FARMINGDALE, NY LENDY ARRIVAL...UNUSABLE BELOW 4000FT 1501261320-PERM.

FORT DRUM

Wheeler-Sack AAF

FDC 6/6726 GTB IAP U.S. DOD WHEELER-SACK AAF, FORT DRUM, NY. RNAV (GPS) RWY 21, AMDT 1A...LNAV MDA 1060/HAT 399 ALL CATS. VDP 1.03 NM TO RW21. TOWER 892 MSL 2433 FT N OF RWY 33. 1611121459-1706241459EST.

FULTON

Oswego County

FDC 7/6841 FZY IAP OSWEGO COUNTY, FULTON, NY. RNAV (GPS) RWY 15, ORIG-A...LPV DA 783. LNAV/VNAV DA 887. LNAV CATS A/B/C HAT 458. CHART TDZE 462, DELETE THRE 446. CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 15, ORIG-B. 1701232009-PERM.

HAMILTON

Hamilton Muni

FDC 6/3089 VGC ODP HAMILTON MUNI, HAMILTON, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 17, 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 35, 400-1 WITH MINIMUM CLIMB OF 397 FEET PER NM TO 2300 OR 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 17, CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE. RWY 35, CLIMB HEADING 350 TO 2300 OR FOR CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1610191706-1705311706EST.

HUDSON

Columbia County

FDC 6/0528 1B1 IAP COLUMBIA COUNTY, HUDSON, NY. RNAV (GPS) RWY 21, ORIG-B...LPV DA NA, LNAV MDA NA. RWY THRESHOLD DISPALACED FOR CONSTRUCTION. 1609291538-1705111538EST.

FDC 6/0527 1B1 ODP COLUMBIA COUNTY, HUDSON, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 03 NA - OBSTACLES. ALL OTHER DATA REMAINS AS PUBLISHED. 1609291538-1705111538EST.

ITHACA

Ithaca Tompkins Rgnl

FDC 7/2694 ITH IAP ITHACA TOMPKINS RGNL, ITHACA, NY. ILS OR LOC RWY 32, AMDT 6A...S-LOC 32: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, VRNAH (IT) LOM OUT OF SERVICE. 1702082136-1703082136EST.

LAKE PLACID

Lake Placid

FDC 6/1269 LKP IAP LAKE PLACID, LAKE PLACID, NY. RNAV (GPS)-A, ORIG-B...TERMINAL ROUTE FROM KEMPE TO HEDUX NA. 1611201554-1707021554EST.

LE ROY

Le Roy

FDC 6/6239 5G0 IAP LE ROY, LE ROY, NY. RNAV (GPS) RWY 10, ORIG-A...LNAV CATS A/B MDA 1400/HAT 620. CIRCLING CATS A/B MDA 1440/HAA 660. ANTENNA 1069 MSL 1.19 NM W OF RWY 10 (2016-AEA-7622-OE). 1609011530-1704131530EST.

FDC 6/6237 5G0 IAP LE ROY, LE ROY, NY. VOR-A, AMDT 1A...CIRCLING CATS A/B MDA 1440/HAA 660. ANTENNA 1069 MSL 1.19 NM W OF RWY 10 (2016-AEA-7622-OE). 1609011530-1704131530EST.

FDC 6/5835 5G0 IAP LE ROY, LE ROY, NY. RNAV (GPS) RWY 28, ORIG-A...LP MDA 1240/HAT 462 ALL CATS. CIRCLING MDA 1440/HAA 660 ALL CATS.. 1608312025-1704122025EST.

MALONE

Malone-Dufort

FDC 6/4146 MAL IAP MALONE-DUFORT, MALONE, NY. RNAV (GPS) RWY 23, ORIG-A...CIRCLING CAT A MDA 1640/HAA 670, CAT B/C MDA 1480/HAA 690. 1612202205-1708012205EST.

FDC 6/2456 MAL ODP MALONE-DUFORT, MALONE, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 14, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031658-1706151658EST.

MILLBROOK

Sky Acres

FDC 7/1489 44N IAP SKY ACRES, MILLBROOK, NY. RNAV (GPS) RWY 17, AMDT 2...LP HAT CATS A/B 546 LNAV HAT CATS A/B 666. CHART TDZE 694, DELETE THRE 646. CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 17, AMDT 2A. 1702062112-PERM.

MONTGOMERY

Orange County

FDC 7/3986 MGJ ODP ORANGE COUNTY, MONTGOMERY, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 8, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 600. RWY 21, 500-2 OR STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 800. RWY 26, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 370 FT PER NM TO 900. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122304-1708242303EST.

FDC 7/2255 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. RNAV (GPS) RWY 26, AMDT 1B...DESCENT ANGLE 3.04/TCH 40 NA. 1702072359-1709192359EST.

FDC 6/6487 MGJ IAP ORANGE COUNTY, MONTGOMERY, NY. VOR RWY 8, AMDT 9...NOTE: NIGHT LANDING: RWY 21, 26 NA. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. PROCEDURE NA AT NIGHT. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POUGHKEEPSIE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE S-8 AND CIRCLING CAT A VIS 1/4 MILE AND S-8 DME MINIMUMS VIS CAT C AND CIRCLING CATS A, C, AND D 1/4 MILE. PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT (VGSI ANGLE 3.50/TCH 49). ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 1/2, CAT D 2 3/4. 1612052135-1707172132EST.

NEW YORK

John F Kennedy Intl

FDC 7/4536 JFK SPECIAL JOHN F KENNEDY INTL, NEW YORK, NY. COPTER RNAV (GPS) Y 044, ORIG...COPTER RNAV (GPS) Z 044, ORIG...PROCEDURE NA. 1701142014-1708262014EST.

FDC 7/4025 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR OR GPS RWY 13L/R, AMDT 18D...VOR PORTION RADAR REQUIRED FOR PROCEDURE ENTRY. 1701122338-1708242338EST.

FDC 6/4752 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 22L (CAT II & III), AMDT 24B...ILS OR LOC RWY 31L, AMDT 10D...ILS OR LOC RWY 4R, AMDT 29C...ILS RWY 22R, AMDT 2A...VOR RWY 31L, ORIG...VOR RWY 4L, AMDT 1...VOR RWY 4R, ORIG...ILS RWY 4R (CAT II) AMDT 29C...ILS RWY 4R (CAT III) AMDT 29C...ILS RWY 22L (CAT II) AMDT 24B...ILS RWY 22L (CAT III) AMDT 24B...MSA FROM JFK VOR/DME 270 TO 360 MINIMUM ALTITUDE 2900. 1609191834-1705011834EST.

FDC 6/3672 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. ILS OR LOC RWY 13L, AMDT 17...ILS RWY 13L (CAT II), AMDT 17...CHANGE PLANVIEW NOTE TO READ: RADAR REQUIRED. IAF ROUTES FROM COVIR, KMCHI, AND BUZON: NOT AUTHORIZED. 1608291417-1704101416EST.

FDC 6/1199 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR RWY 4L, AMDT 1...DME OR RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-153 UNUSABLE. 1610171314-1705291314EST.

FDC 6/1197 JFK IAP JOHN F KENNEDY INTL, NEW YORK, NY. VOR RWY 4R, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-140 UNUSABLE. 1610171313-1705291313EST.

FDC 5/6744 JFK STAR KENNEDY INTERNATIONAL, JAMAICA, NY LENDY ARRIVAL...UNUSABLE BELOW 4000FT 1501261320-PERM.

Laguardia

FDC 7/1041 LGA IAP LAGUARDIA, NEW YORK, NY. ILS OR LOC RWY 22, AMDT 20E...LOC RWY 31, AMDT 3B...RNAV (GPS) RWY 31, AMDT 1D...RNAV (GPS) Y RWY 22, AMDT 2B...RNAV (GPS) Y RWY 4, AMDT 3A...RNAV (GPS)-B, ORIG-A...VOR RWY 4, AMDT 3C...VOR/DME-H, AMDT 3B...CIRCLING CATS A/B MDA 700/HAA 679. BUILDING 387 MSL 4987 FT S OF RWY 31 (2016-AEA-6284/6285/6286-OE). 1701051334-1708171334EST.

FDC 6/7538 LGA IAP LAGUARDIA, NEW YORK, NY. COPTER RNAV (GPS) 250, ORIG-A...H-250 MDA 500/HAS 371. SURFACE ELEVATION 129. FAS OBST: 232 ANTENNA 405112N/0734258W. MSA FROM WITKN 25 NM: 2900. MISSED APPROACH: CLIMBING LEFT TURN TO 1240 HEADING 070, THEN CLIMB TO 2000 DIRECT ZALAT AND HOLD. 1610121246-1705241246EST.

FDC 6/5477 LGA IAP LAGUARDIA, NEW YORK, NY. ILS OR LOC RWY 4, AMDT 36D...CIRCLING CATS A/B MDA 700/HAA 679. WARIN FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) CIRCLING CATS A/B MDA 700/HAA 679. BUILDING 387 MSL 4987 FT S OF RWY 31 (2016-AEA-6284/6285/6286-OE). 1612011940-1707131940EST.

FDC 6/5476 LGA IAP LAGUARDIA, NEW YORK, NY. ILS OR LOC RWY 13, AMDT 1C...COROR FIX MINIMUMS CIRCLING CATS A/B MDA 700/HAA 679. BUILDING 387 MSL 4987 FT S OF RWY 31 (2016-AEA-6284/6285/6286-OE). 1612011940-1707131940EST.

FDC 6/4594 LGA IAP LAGUARDIA, NEW YORK, NY. RNAV (RNP) Z RWY 4, AMDT 1...PROCEDURE NA. 1609191731-1705011731EST.

FDC 6/1546 LGA IAP LAGUARDIA, NEW YORK, NY. LOC RWY 31, AMDT 3B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DISREGARD NOTES: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 31 PROCEDURE NA AT NIGHT. HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1611202059-1707022059EST.

FDC 6/1195 LGA IAP LAGUARDIA, NEW YORK, NY. LOC RWY 31, AMDT 3B...DME OR RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRI R-052 AND CRI R-077 UNUSABLE. 1610171312-1705291312EST.

Stewart Intl

FDC 7/8773 SWF IAP STEWART INTL, NEW YORK, NY. RNAV (GPS) RWY 16, AMDT 1B...DISREGARD NOTE: RWY 16 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUHTORIZED. VISUAL DESCENT ANGLE 3.07/40 NOT AUTHORIZED. VDP AT 1.97 MILES TO RW16. 1701291538-1709101538EST.

FDC 6/9022 SWF IAP STEWART INTL, NEW YORK, NY. RNAV (GPS) RWY 16, AMDT 1B...CHANGE NOTE: PROCEDURE NA FOR ARRIVALS AT TRESA ON V205 EASTBOUND AND V433 SOUTHEAST BOUND TO READ PROCEDURE NA FOR ARRIVALS AT TRESA ON V433 SOUTHEAST BOUND. DISREGARD NOTE: PROCEDURE NA FOR ARRIVALS AT RUBER ON V58-93 WESTBOUND. 1610131409-1705251409EST.

NIAGARA FALLS

Niagara Falls Intl

FDC 6/3584 IAG IAP NIAGARA FALLS INTL, NIAGARA FALLS, NY. RNAV (GPS) RWY 28R, ORIG...VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 2.50 / TCH 67). 1608291310-1704101310EST.

OGDENSBURG

Ogdensburg Intl

FDC 7/3574 OGS IAP OGDENSBURG INTL, OGDENSBURG, NY. RNAV (GPS) RWY 9, ORIG...LPV DA 542. LNAV/VNAV DA 767. LNAV MDA 740/HAT 448 ALL CATS, VIS CAT C/D 1 3/8. CIRCLING HAA CAT A 458, CAT B/C/D 698. CHART IN PLANVIEW: BROCKVILLE RGNL TACKABERRY APT. CHART IN PROFILE: BROCKVILLE RGNL TACKABERRY APT. DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 09 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASSENA ALTIMETER SETTING: INCREASE LPV DA TO 623 FEET, LNAV/VNAV DA TO 848 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 100 FEET AND LNAV/CIRCLING CAT C/D VISIBILITY 1/4 SM. CHART CIRCLING ICON. CHART FAS OBST: 481 ANT 444100N/0753037W. CHART TDZE 292 DELETE THRE 286. APT ELEV 302. THIS IS RNAV (GPS) RWY 9, ORIG-A. 1701112008-PERM.

PISECO

Piseco

FDC 6/7932 K09 IAP PISECO, PISECO, NY. RNAV (GPS) RWY 4, ORIG-A...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1610271348-1706081348EST.

POUGHKEEPSIE

Dutchess County

FDC 6/1098 POU IAP DUTCHESS COUNTY, POUGHKEEPSIE, NY. ILS OR LOC RWY 6, AMDT 6C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CMK VOR RADIALS 320-330 UNUSABLE. 1611201454-1707021454EST.

ROME

Griffiss Intl

FDC 6/5593 RME IAP GRIFFISS INTL, ROME, NY. VOR/DME RWY 15, AMDT 1...PROCEDURE NA. 1610071220-1705191214EST.

SARATOGA SPRINGS

Saratoga County

FDC 6/0961 5B2 IAP SARATOGA COUNTY, SARATOGA SPRINGS, NY. VOR/DME-A, AMDT 1B...PROCEDURE NA. 1611191852-1707011852EST.

SCHENECTADY

Schenectady County

FDC 6/2193 SCH ODP SCHENECTADY COUNTY, SCHENECTADY, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKEOFF MINIMUMS: RWY 15,33, NA. RWY 22, STANDARD WITH MINIMUM CLIMB OF 262 FT PER NM TO 1900. RWY 28,1200-2 OR STANDARD WITH MINIMUM CLIMB OF 271 FT PER NM TO 1900. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031448-1706151448EST.

SENECA FALLS

Finger Lakes Rgnl

FDC 7/2063 0G7 IAP FINGER LAKES RGNL, SENECA FALLS, NY. RNAV (GPS) RWY 1, AMDT 3A...DISREGARD NOTE: NIGHT LANDING RWY 1 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. 1702072118-1709192118EST.

SIDNEY

Sidney Muni

FDC 6/7839 N23 IAP SIDNEY MUNI, SIDNEY, NY. RNAV (GPS) RWY 25, AMDT 1...CHANGE PROCEDURE TURN LEG LENGTH AT ODEBY FROM 4 NM TO 5 NM.. 1610121451-1705241451EST.

FDC 6/1224 N23 IAP SIDNEY MUNI, SIDNEY, NY. RNAV (GPS) RWY 7, ORIG-C...DELETE: DESCENT ANGLE 3.02/TCH 40 PROFILE NOTE: VISUAL SEGMENT-OBSTACLES.. 1610171324-1705291323EST.

SOUTH BETHLEHEM

South Albany

FDC 6/6699 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 1, ORIG...VDA 3.04 / TCH 40 NA. 1611121446-1706241445EST.

FDC 6/6322 4B0 IAP SOUTH ALBANY, SOUTH BETHLEHEM, NY. RNAV (GPS) RWY 1, ORIG...RNAV (GPS) RWY 19, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610100236-1705220236EST.

STORMVILLE

Stormville

FDC 7/5384 N69 ODP STORMVILLE, STORMVILLE, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...PROCEDURE NA.. 1701181357-1708301356EST.

FDC 7/5225 N69 IAP STORMVILLE, STORMVILLE, NY. VOR OR GPS-A, AMDT 4A...PROCEDURE NA. 1701172204-1708292204EST.

SYRACUSE

Syracuse Hancock Intl

FDC 7/8795 SYR ODP SYRACUSE HANCOCK INTL, SYRACUSE, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7.TAKEOFF OBSTACLE NOTES: NOTE: RWY 10, SIGN BEGINNING 54 FT FROM DER, 219 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/404 FT MSL. TREES BEGINNING 864 FT FROM DER, 619 FT RIGHT OF CENTERLINE, UP TO 465 FT MSL. TREES BEGINNING 1433 FT FROM DER, 745 FT RIGHT OF CENTERLINE, UP TO 474 FT MSL. TREES BEGINNING 2396 FT FROM DER, 730 FT RIGHT OF CENTERLINE, UP TO 487 FT MSL. TREE 2479 FT FROM DER, 803 FT LEFT OF CENTERLINE, 87 FT AGL/472 FT MSL. TREE 2557 FT FROM DER, 1096 FT RIGHT OF CENTERLINE, 96 FT AGL/497 FT MSL. NOTE: RWY 15, TREE 255 FT FROM DER, 463 FT RIGHT OF CENTERLINE, 414 FT MSL. TREE 669 FT FROM DER, 606 FT LEFT OF CENTERLINE, 466 FT MSL. TREE 743 FT FROM DER, 528 FT RIGHT OF CENTERLINE, 440 FT MSL. TREE 764 FT FROM DER, 646 FT RIGHT OF CENTERLINE, 449 FT MSL. TREES BEGINNING 811 FT FROM DER, 270 FT LEFT OF CENTERLINE, UP TO 469 FT MSL. TREES BEGINNING 1331 FT FROM DER, 215 FT LEFT OF CENTERLINE, UP TO 475 FT MSL. TREE 1853 FT FROM DER, 283 FT RIGHT OF CENTERLINE, 39 FT AGL/453 FT MSL. TREES BEGINNING 2562 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 479 FT MSL. TREES BEGINNING 2829 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 487 FT MSL. TREES BEGINNING 2931 FT FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 488 FT ALL OTHER DATA REMAINS AS PUBLISHED. FDC 7/8795 SYR ODP SYRACUSE HANCOCK INTL, SYRACUSE, NY. MSL. TREE 3026 FT FROM DER, 763 FT LEFT OF CENTERLINE, 504 FT MSL. TREE 3359 FT FROM DER, 109 FT RIGHT OF CENTERLINE, 505 FT MSL. NOTE: RWY 28, POLE 2456 FT FROM DER, 948 FT RIGHT OF CENTERLINE, 85 FT AGL/497 FT MSL. NOTE: RWY 33, TREES BEGINNING 749 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 467 FT MSL. TREES BEGINNING 1650 FT FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 476 FT MSL. TREE 1712 FT FROM DER, 845 FT RIGHT OF CENTERLINE, 471 FT MSL. TREES BEGINNING 1770 FT FROM DER, 293 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/476 FT MSL. TREE 21

TICONDEROGA

Ticonderoga Muni

FDC 7/0395 4B6 IAP TICONDEROGA MUNI, TICONDEROGA, NY. RNAV (GPS) RWY 20, AMDT 1A...LPV DA NA. 1701032122-1708152122EST.

WATERTOWN

Watertown Intl

FDC 7/2137 ART ODP WATERTOWN INTL, WATERTOWN, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 10, NA - OBSTACLES. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072247-1709192247EST.

FDC 7/2135 ART IAP WATERTOWN INTL, WATERTOWN, NY. RNAV (GPS) RWY 28, ORIG-A...LNAV MINIMUMS NA. LP MINIMUMS NA. 1702072245-1709192245EST.

WHITE PLAINS

Westchester County

FDC 7/4475 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. RNAV (GPS) Y RWY 34, AMDT 3B...LPV DA 730/HAT 328 ALL CATS. 1701141906-1708261906EST.

FDC 7/4473 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. RNAV (RNP) Z RWY 16, ORIG-B...RNAV (RNP) Z RWY 16, ORIG-B...RNP 0.15 DA 810/HAT 371 ALL CATS. RNP 0.30 DA 950/HAT 511 ALL CATS.. CHANGE NOTE: FOR INOPERATIVE MALSR INCREASE RNP 0.15 ALL CATS VISIBILITY TO 1 1/4, AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/4. 1701141905-1708261904EST.

FDC 7/4471 HPN IAP WESTCHESTER COUNTY, WHITE PLAINS, NY. RNAV (RNP) Z RWY 34, ORIG-B...RNP 0.30 DA 788/HAT 386, VIS 1 1/4 ALL CATS. 1701141903-1708261903EST.

WURTSBORO

Wurtsboro-Sullivan County

FDC 7/9420 N82 IAP WURTSBORO-SULLIVAN COUNTY, WURTSBORO, NY. VOR/DME OR GPS RWY 5, ORIG...VOR/DME PORTION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701312011-1709122009EST.

FDC 6/7348 N82 IAP WURTSBORO-SULLIVAN COUNTY, WURTSBORO, NY. VOR/DME OR GPS RWY 5, ORIG...AIRPORT ELEV: 548 TDZE: 548 S-5 HAT 1332 ALL CATS. CIRCLING CAT A HAA 1332, CAT B MDA 1900/HAA 1352. CIRCLING CAT C NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. UPDATE PLANVIEW NOTE TO READ: NOPT FOR ARRIVALS ON HUO VOR/DME AIRWAY RADIALS 145 CW 235. 1610121152-1705241152EST.

NORTH CAROLINA

AHOSKIE

Tri-County

FDC 7/5844 ASJ IAP TRI-COUNTY, AHOSKIE, NC. VOR/DME-A, AMDT 6...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CVI TACAN OUT OF SERVICE. 1701191414-1704031414EST.

ALBEMARLE

Stanly County

FDC 7/1083 VUJ CHART STANLY COUNTY, ALBEMARLE, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051358-PERM.

FDC 6/9090 VUJ STAR STANLY COUNTY AIRPORT, ALBEMARLE, NC. NASCR ONE ARRIVAL FLO TRANSITION NA. 1607210900-1707210900EST.

FDC 6/5715 VUJ SID STANLY COUNTY, ALBEMARLE, NC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 6/4257 VUJ IAP STANLY COUNTY, ALBEMARLE, NC. ILS OR LOC RWY 22L, AMDT 1A...S-ILS 22L DA 900/HAT 316, VIS 1 1/8 ALL CATS. DISREGARD NOTE: CIRCLING TO RWY 4L/22R NA AT NIGHT. NOTE: NIGHT LANDING: RWY 4L, 22R NA. CHANGE ALTERNATE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASHBORO ALTIMETER SETTING AND INCREASE S-ILS 22L DA TO 953 AND ALL MDA 60 FEET; INCREASE S-ILS 22L ALL CATS VISIBILITY 1/8 MILE, S-LOC 22L AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. 1608301349-1704111348EST.

ANDREWS

Western Carolina Rgnl

FDC 7/1774 RHP SPECIAL WESTERN CAROLINA RGNL, ANDREWS, NC. COPTER RNAV 074, ORIG...CHANGE ALL REFERENCES TO ANDREWS-MURPHY TO WESTERN CAROLINA RGNL. MISSED APPROACH: CLIMB TO 7600 DIRECT AKALE WP AND HOLD. 1701061604-1708181604EST.

ASHEBORO

Asheboro Rgnl

FDC 7/2078 HBI IAP ASHEBORO RGNL, ASHEBORO, NC. VOR-A, AMDT 3A...CIRCLING CAT B MDA 1440/HAA 769. 1702072127-1709192127EST.

ASHEVILLE

Asheville Rgnl

FDC 6/3497 AVL IAP ASHEVILLE RGNL, ASHEVILLE, NC. ILS OR LOC RWY 35, ORIG...I-XQR LOCALIZER UNUSABLE 28 DEGREES LEFT AND 27 DEGREES RIGHT OF COURSE AND .20 NM FROM THLD. 1608122036-1703242036EST.

Mission Hospitals

FDC 6/6621 NC95 IAP MISSION HOSPITALS, ASHEVILLE, NC. COPTER RNAV (GPS) 019, ORIG-A...ASHEVILLE APPROACH CONTROL FREQUENCY USE 124.65. 1610111338-1705231338EST.

BEAUFORT

Michael J Smith Field

FDC 6/5326 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. RNAV (GPS) RWY 8, AMDT 2...LP MDA NA. 1612281905-1708091905EST.

FDC 6/3818 MRH IAP MICHAEL J SMITH FIELD, BEAUFORT, NC. NDB RWY 14, AMDT 1A...PROCEDURE NA. 1608291724-1704101724EST.

BRYSON CITY

Sossamon Field

FDC 7/1521 57NC SPECIAL SOSSAMON FIELD, BRYSON CITY, NC. COPTER RNAV (GPS) 294 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

CHAPEL HILL

Horace Williams

FDC 6/2141 IGX IAP HORACE WILLIAMS, CHAPEL HILL, NC. VOR/DME RWY 27, AMDT 1B...S-27 MDA 1360/HAT 868 ALL CATS. VIS CAT B 1 1/4, CATS C AND D 2 1/2. CIRCLING MDA 1360/HAA 848 ALL CATS. VIS CATS A AND B 1 1/4, CAT C 2 1/2, CAT D 2 3/4. 1611031432-1706151432EST.

CHARLOTTE

Charlotte/Douglas Intl

FDC 7/8601 CLT ODP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7.TAKEOFF MINIMUMS: RWY18C, STANDARD. DEPARTURE PROCEDURE: RWY 36L, CLIMB HEADING 002.96 TO 1800 BEFORE TURNING LEFT. RWY 23, CLIMB HEADING 235.48 TO 1400 BEFORE TURNING LEFT. RWY 18R, CLIMB HEADING 182.96 TO 1200 BEFORE TURNING LEFT. RWY 18C, CLIMB HEADING 182.96 TO 1400 BEFORE TURNING LEFT. RWY 18L, CLIMB HEADING 182.97 TO 1300 BEFORE TURNING RIGHT. NOTE: RWY 18C, AIRFIELD LT 11 FT FROM DER, 84 FT LEFT OF CENTERLINE, 4 FT AGL/695 FT MSL. TREE 555 FT FROM DER, 564 FT LEFT OF CENTERLINE, 711 FT MSL. TREE 1059 FT FROM DER, 762 FT RIGHT OF CENTERLINE, 729 FT MSL. TREES BEGINNING 1183 FT FROM DER, 608 FT LEFT OF CENTERLINE, UP TO 746 FT MSL. TREES BEGINNING 1478 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREE 2035 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 2058 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 771 FT MSL. TREE 2723 FT FROM DER, 971 FT LEFT OF CENTERLINE, 773 FT MSL. TREES BEGINNING 3245 FT FROM DER, 793 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 4249 FT FROM DER, 1039 FT RIGHT OF CENTERLINE, 805 FT MSL. TREE 5354 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 831 FT MSL. TREE 5581 FROM DER, 1599 FT RIGHT OF CENTERLINE, 837 FT MSL. TREE 5749 FT FROM DER, 1491 FT RIGHT OF FDC 7/8601 CLT ODP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. CENTERLINE, 838 FT MSL. TREES BEGINNING 5851 FT FROM DER, 1412 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/841 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701271941-1709081939EST

FDC 7/8323 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. ILS OR LOC RWY 18R, AMDT 1...CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. CILOV FIX MINIMUMS (DME REQUIRED) CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8322 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (RNP) Z RWY 23, ORIG-A...RNP 0.11 DA 1160/HAT 413, VIS 1 3/8 ALL CATS. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8320 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. ILS OR LOC RWY 18L, AMDT 9...S-ILS 18L DA 1090/HAT 342, VIS 1 1/8 ALL CATS. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. ZIMOG FIX MINIMUMS (DME REQUIRED) CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8319 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. ILS OR LOC RWY 18C, AMDT 10D...S-ILS 18C DA 1056/HAT 314, VIS RVR 4000 ALL CATS. S-LOC MDA 1320/HAT 578 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D 1 1/4. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. VDP 3.38 DME FROM I-PEP OR 1.57 NM TO RW18C. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8318 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (GPS) Y RWY 36R, AMDT 4...LNAV/VNAV DA 1394/HAT 667, VIS 1 7/8 ALL CATS. LNAV MDA NA. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8317 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (RNP) Z RWY 36C, ORIG-D...RNP 0.11 DA 1251/HAT 544, VIS 1 3/8 ALL CATS. RNP 0.30 DA NA. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8316 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (GPS) Y RWY 36C, AMDT 3C...LNAV/VNAV DA 1394/HAT 687, VIS 1 7/8 ALL CATS. LNAV MDA 1480/HAT 788 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D 1 3/4. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. VDP 2.28 NM TO RW36C. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262058-1709072058EST.

FDC 7/8306 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (GPS) Y RWY 36L, AMDT 1...LNAV/VNAV DA 1200/HAT 456, VIS RVR 4000 ALL CATS. LNAV MDA VIS CATS A/B RVR 4000. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262036-1709072035EST.

FDC 7/8304 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (GPS) Y RWY 18L, AMDT 4...LPV DA 1048/HAT 300, VIS 1 1/4 ALL CATS. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262032-1709072032EST.

FDC 7/8302 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. ILS OR LOC RWY 36C, AMDT 16C...ILS OR LOC RWY 36L, AMDT 1...ILS OR LOC RWY 36R, AMDT 12...ILS OR LOC RWY 5, AMDT 38A...RNAV (GPS) Y RWY 18C, AMDT 3C...RNAV (GPS) Y RWY 18R, AMDT 1...CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262030-1709072030EST.

FDC 7/8300 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (GPS) Y RWY 5, AMDT 3A...LNAV/VNAV DA 1394/HAT 678, VIS 1 7/8 ALL CATS. LNAV MDA 1480/HAT 764 ALL CATS. VIS CATS A/B RVR 4000, CATS C/D 1 3/4. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. VDP 2.14 NM TO RW05. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1701262027-1709072027EST.

FDC 7/1034 CLT CHART CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051326-PERM.

FDC 7/0920 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. ILS OR LOC RWY 23, AMDT 3C...CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. DOVSE FIX MINIMUMS S-LOC 23 MDA 1400/HAT 653 ALL CATS, VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 1540/HAA 792 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. VDP NA. TEMP CRANE 1223 MSL 2675 FT E OF RWY 36C (2016-ASO-3897/3898/3899/3900-NRA). EXCEPT WHEN ADVISED BY ATC THESE CRANES ARE DOWN. 1702031625-1709151623EST.

FDC 7/0860 CLT STAR CHARLOTTE/DOUGLAS INTERNATIONAL, CHARLOTTE, N.C. CHPTR ONE ARRIVAL REVISE VERTICAL NAVIGATION PLANNING INFORMATION AT CHPTR TO READ LANDING NORTH EXPECT 11000FT AND 250KT LANDING SOUTH EXPECT 14000FT AND 250KT 1701050900-1801050900EST.

FDC 7/0260 CLT CHART CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. MLLET ONE ARRIVAL (RNAV) (RYFLE.MLLET1)...CORRECT PLANVIEW: ADD OKNEE TRANSITION (OKNEE.MLLET1) AND TORQD TRANSITION (TORQD.MLLET1) TO ARRIVAL ROUTE DESCRIPTION BOX. 1702021407-PERM.

FDC 6/9902 CLT STAR CHARLOTTE/DOUGLAS INTERNATIONAL, CHARLOTTE, NC. JONZE ONE ARRIVAL...REVISE SPELLING OF FIX CNTRL TO CNTLR 1607211746-1707210900EST.

FDC 6/5716 CLT SID CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. BOBCAT SEVEN DEPARTURE...ZAUER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 6/1261 CLT SID CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. CHARLOTTE TWO DEPARTURE.DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 36C: CLIMB HEADING 003 TO 1400 BEFORE TURNING LEFT, THENCE.EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 8000. EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, TREE 810 FT FROM DER, 677 FT RIGHT OF CENTERLINE, 768 FT MSL. TREE 1031 FT FROM DER, 665 FT LEFT OF CENTERLINE, 773 FT MSL. TREE 1050 FT FROM DER, 755 FT LEFT OF CENTERLINE, 787 FT MSL. TREE 1894 FT FROM DER, 854 FT LEFT OF CENTERLINE, 799 FT MSL. TREES BEGINNING 2088 FT FROM DER, 877 FT LEFT OF CENTERLINE, UP TO 821 FT MSL. TREES BEGINNING 2437 FT FROM DER, 971 FT LEFT OF CENTERLINE, UP TO 822 FT MSL. TREE 2582 FT FROM DER, 1056 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 2608 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 848 FT MSL. TREE 3977 FT FROM DER, 480 FT LEFT OF CENTERLINE, 856 FT MSL. NOTE: RWY 18C, AIRFIELD LT 11 FT FROM DER, 84 FT LEFT OF CENTERLINE, 4 FT AGL/695 FT MSL. TREE 555 FT FROM DER, 564 FT LEFT OF CENTERLINE, 711 FT MSL. TREE 1059 FT FROM DER, 762 FT RIGHT OF CENTERLINE, 729 FT MSL. TREES BEGINNING 1183 FT FROM DER, 608 FT LEFT OF CENTERLINE, UP TO 746 FT MSL. TREES BEGINNING 1478 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREE 2035 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 2058 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 771 FT MSL. TREE 2723 FT FROM DER, 971 FT LEFT OF CENTERLINE, 773 FT MSL. TREES BEGINNING 3245 FT FROM DER, 793 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 4249 FT FROM DER, 1039 FT RIGHT OF CENTERLINE, 805 FT MSL. TREE 5354 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 831 FT MSL. TREE 5581 FT FROM DER, 1599 FT RIGHT OF CENTERLINE, 837 FT MSL. TREE 5749 FT FROM DER, 1491 FT RIGHT OF CENTERLINE, 838 FT MSL. TREES BEGINNING 5851 FT FROM DER, 1412 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/841 FT

FDC 6/1260 CLT SID CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. HUGO THREE DEPARTURE.TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, TREE 810 FT FROM DER, 677 FT RIGHT OF CENTERLINE, 768 FT MSL. TREE 1031 FT FROM DER, 665 FT LEFT OF CENTERLINE, 773 FT MSL. TREE 1050 FT FROM DER, 755 FT LEFT OF CENTERLINE, 787 FT MSL. TREE 1894 FT FROM DER, 854 FT LEFT OF CENTERLINE, 799 FT MSL. TREES BEGINNING 2088 FT FROM DER, 877 FT LEFT OF CENTERLINE, UP TO 821 FT MSL. TREES BEGINNING 2437 FT FROM DER, 971 FT LEFT OF CENTERLINE, UP TO 822 FT MSL. TREE 2582 FT FROM DER, 1056 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 2608 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 848 FT MSL. TREE 3977 FT FROM DER, 480 FT LEFT OF CENTERLINE, 856 FT MSL. NOTE: RWY 18C, AIRFIELD LT 11 FT FROM DER, 84 FT LEFT OF CENTERLINE, 4 FT AGL/695 FT MSL. TREE 555 FT FROM DER, 564 FT LEFT OF CENTERLINE, 711 FT MSL. TREE 1059 FT FROM DER, 762 FT RIGHT OF CENTERLINE, 729 FT MSL. TREES BEGINNING 1183 FT FROM DER, 608 FT LEFT OF CENTERLINE, UP TO 746 FT MSL. TREES BEGINNING 1478 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREE 2035 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 2058 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 771 FT MSL. TREE 2723 FT FROM DER, 971 FT LEFT OF CENTERLINE, 773 FT MSL. TREES BEGINNING 3245 FT FROM 793 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 4249 FT FROM DER, 1039 FT RIGHT OF CENTERLINE, 805 FT MSL. TREE 5354 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 831 FT MSL. TREE 5581 FT FROM DER, 1599 FT RIGHT OF CENTERLINE, 837 FT MSL. TREE 5749 FT FROM DER, 1491 FT RIGHT OF CENTERLINE, 838 FT MSL. TREES BEGINNING 5851 FT FROM DER, 1412 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/841 FT MSL. NOTE: RWY 18L, AIRFIELD LT 10 FT FROM DER, ON CENTERLINE, 3 FT AGL/726 FT MSL. POLE 981 FT FROM DER, 708 FT LEFT OF CENTERLINE, 64 FT AGL/763 FT MSL. TWR AND TREE BEGINNING 981 FT FROM DER, 689 FT RIGHT OF CENTERLINE, UP TO 765 FT MSL. TREE 1235 FT FROM DER, 795

FDC 6/1259 CLT SID CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. BOBCAT SEVEN DEPARTURE.HORNET EIGHT DEPARTURE.PANTHER THREE DEPARTURE.DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 5: CLIMB HEADING 055 TO 1700 BEFORE TURNING RIGHT, THENCE.TAKEOFF RWY 36C: CLIMB HEADING 003 TO 1400 BEFORE TURNING LEFT, THENCE.EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 8000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, TREE 810 FT FROM DER, 677 FT RIGHT OF CENTERLINE, 768 FT MSL. TREE 1031 FT FROM DER, 665 FT LEFT OF CENTERLINE, 773 FT MSL. TREE 1050 FT FROM DER, 755 FT LEFT OF CENTERLINE, 787 FT MSL. TREE 1894 FT FROM DER, 854 FT LEFT OF CENTERLINE, 799 FT MSL. TREES BEGINNING 2088 FT FROM DER, 877 FT LEFT OF CENTERLINE, UP TO 821 FT MSL. TREES BEGINNING 2437 FT FROM DER, 971 FT LEFT OF CENTERLINE, UP TO 822 FT MSL. TREE 2582 FT FROM DER, 1056 FT LEFT OF CENTERLINE, 843 FT MSL. TREES BEGINNING 2608 FT FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 848 FT MSL. TREE 3977 FT FROM DER, 480 FT LEFT OF CENTERLINE, 856 FT MSL.NOTE: RWY 18C, AIRFIELD LT 11 FT FROM DER, 84 FT LEFT OF CENTERLINE, 4 FT AGL/695 FT MSL. TREE 555 FT FROM DER, 564 FT LEFT OF CENTERLINE, 711 FT MSL. TREE 1059 FT FROM DER, 762 FT RIGHT OF CENTERLINE, 729 FT MSL. TREES BEGINNING 1183 FT FROM DER, 608 FT LEFT OF CENTERLINE, UP TO 746 FT MSL. TREES BEGINNING 1478 FT FROM DER, 276 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREE 2035 FT FROM DER, 1025 FT LEFT OF CENTERLINE, 764 FT MSL. TREES BEGINNING 2058 FT FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 771 FT MSL. TREE 2723 FT FROM DER, 971 FT LEFT OF CENTERLINE, 773 FT MSL. TREES BEGINNING 3245 FT FROM DER, 793 FT RIGHT OF CENTERLINE, UP TO 792 FT MSL. TREE 4249 FT FROM DER, 1039 FT RIGHT OF CENTERLINE, 805 FT MSL. TREE 5354 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 831 FT MSL. TREE 5581 FT FROM DER, 1599 FT RIGHT OF CENTERLINE, 837 FT MSL. TREE 5749 FT FROM DER, 1491 FT RIGH

FDC 6/0622 CLT IAP CHARLOTTE/DOUGLAS INTL, CHARLOTTE, NC. RNAV (RNP) Z RWY 5, ORIG-A...RNP 0.11: DA 1449/HAT 733 ALL CATS. RNP 0.30: DA 1501/HAT 785 ALL CATS. 1609122142-1704242142EST.

CLINTON

Clinton-Sampson County

FDC 6/7841 CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. LOC RWY 6, AMDT 3A...MISSED APPROACH: CLIMB TO 2000 DIRECT CTZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000, HOLD SW, RT 061.83 INBOUND (ADF REQUIRED). 1610121454-1705241454EST.

CONCORD

Concord Rgnl

FDC 7/1074 JQF CHART CONCORD RGNL, CONCORD, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051355-PERM.

FDC 6/9089 JQF STAR CONCORD REGIONAL AIRPORT, CONCORD, NC. NASCR ONE ARRIVAL FLO TRANSITION NA. 1607210900-1707210900EST.

FDC 6/5717 JQF SID CONCORD RGNL, CONCORD, NC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 6/1446 JQF IAP CONCORD RGNL, CONCORD, NC. RNAV (GPS) RWY 2, AMDT 1...CHANGE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.50/TCH 69). 1611202001-1707022001EST.

FDC 6/0629 JQF SID CONCORD RGNL, CONCORD, NC. BOBCAT SIX DEPARTURE...HORNET EIGHT DEPARTURE...HUGO THREE DEPARTURE...PANTHER THREE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAY 2: CLIMB HEADING 016 TO 2200 BEFORE PROCEEDING ON COURSE, THENCE...TAKEOFF RWY 20: CLIMBING LEFT TURN HEADING 150 TO 2400 BEFORE PROCEEDING ON COURSE, THENCE.....EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED ALL OTHER DATA REMAINS AS PUBLISHED. 1609122151-1704242151EST.

EDENTON

Northeastern Rgnl

FDC 7/6384 EDE IAP NORTHEASTERN RGNL, EDENTON, NC. RNAV (GPS) RWY 19, AMDT 2A...LPV DA 220. LNAV/VNAV DA 270. LNAV HAT 320 ALL CATS. CHART TDZE 20, DELETE THRE 19. THIS IS RNAV (GPS) RWY 19, AMDT 2B. 1701202050-PERM.

ELIZABETHTOWN

Curtis L Brown Jr Field

FDC 6/7379 EYF IAP CURTIS L BROWN JR FIELD, ELIZABETHTOWN, NC. RNAV (GPS) RWY 33, ORIG...LPV DA 381/HAT 250, ALL CATS. 1610121216-1705241216EST.

GASTONIA

Gastonia Muni

FDC 7/8775 AKH IAP GASTONIA MUNI, GASTONIA, NC. NDB RWY 3, AMDT 9...MISSED APPROACH: CLIMBING RIGHT TURN TO 2900 IN GHJ NDB HOLDING PATTERN. 1701291542-1709101542EST.

FDC 7/1059 AKH CHART GASTONIA MUNI, GASTONIA, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051347-PERM.

FDC 6/9081 AKH STAR GASTONIA MUNI, GASTONIA, NC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/5718 AKH SID GASTONIA MUNI, GASTONIA, NC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 6/0626 AKH SID GASTONIA MUNI, GASTONIA, NC. BOBCAT SIX DEPARTURE...HORNET EIGHT DEPARTURE...HUGO THREE DEPARTURE...PANTHER THREE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 3: CLIMB HEADING 049 TO 2700 BEFORE TURNING LEFT, THENCE...TAKEOFF RWY 21: CLIMB HEADING 214 TO 1600 BEFORE PROCEEDING NORTH, THENCE.....EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3400, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1609122146-1704242146EST.

GOLDSBORO

Wayne Executive Jetport

FDC 7/8777 GWW IAP WAYNE EXECUTIVE JETPORT, GOLDSBORO, NC. VOR-A, AMDT 6...PROCEDURE NA. 1701291547-1709101547EST.

FDC 7/2426 GWW IAP WAYNE EXECUTIVE JETPORT, GOLDSBORO, NC. ILS OR LOC RWY 23, AMDT 2A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701092220-1708212220EST.

GREENSBORO

Piedmont Triad Intl

FDC 7/1649 GSO SID PIEDMONT TRIAD INTL, GREENSBORO, NC. QUAKER FOUR DEPARTURE...RICHMOND TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 7/1015 GSO IAP PIEDMONT TRIAD INTL, GREENSBORO, NC. RNAV (GPS) RWY 32, AMDT 3...CHART TDZE 902, DELETE THRE 900. LPV DA 1102. LNAV/VNAV DA 1419. LNAV HAT 498 ALL CATS. THIS IS RNAV (GPS) RWY 32, AMDT 3A. 1702032152-PERM.

FDC 6/6339 GSO IAP PIEDMONT TRIAD INTL, GREENSBORO, NC. RNAV (GPS) RWY 5R, AMDT 2C...LPV DA 1150/HAT 250 ALL CATS. LNAV MDA 1320/HAT 420 ALL CATS, VIS CAT C RVR 4000. DISREGARD NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.. 1610100249-1705220249EST.

GREENVILLE

Pitt-Greenville

FDC 6/4307 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. ILS Y OR LOC Y RWY 20, ORIG...ILS Z OR LOC Z RWY 20, AMDT 5...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 1600 DIRECT AQE NDB AND HOLD. 1608301436-1704111434EST.

FDC 6/3981 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 8, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201424-1706011424EST.

FDC 6/1093 PGV IAP PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 26, AMDT 2A...NOTE: NIGHT LANDING: RWY 8 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611201452-1707021452EST.

HICKORY

Hickory Rgnl

FDC 6/1055 HKY IAP HICKORY RGNL, HICKORY, NC. ILS OR LOC RWY 24, AMDT 8A...RNAV (GPS) RWY 19, AMDT 1...RNAV (GPS) RWY 24, AMDT 1A...CHART NOTE: CIRCLING RWY 1 AND 6 NA AT NIGHT. 1609131814-1704251814EST.

JEFFERSON

Ashe County

FDC 6/2493 GEV IAP ASHE COUNTY, JEFFERSON, NC. RNAV (GPS) RWY 28, ORIG...DISTANCE ASHER TO RW28 0.9 NM. 1611031715-1706151715EST.

KINSTON

Kinston Rgnl Jetport At Stallings Fld

FDC 7/8779 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. VOR RWY 23, AMDT 16...PROCEDURE NA. 1701291549-1709101549EST.

FDC 6/4618 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. RNAV (GPS) RWY 23, AMDT 3...LNAV/VNAV DA 436/HAT 350. VIS 1 1/8 ALL CATS. LNAV MDA 540/HAT 454 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 580/HAA 487. VDP 1.19 NM TO RW23. 1609191737-1705011737EST.

FDC 6/4511 ISO IAP KINSTON RGNL JETPORT AT STALLINGS FLD, KINSTON, NC. RNAV (GPS) RWY 5, AMDT 3...CIRCLING CATS A/B MDA 580/HAA 487. 1609191704-1705011704EST.

LIBERTY

Causey

FDC 6/3979 2A5 IAP CAUSEY, LIBERTY, NC. RNAV (GPS) RWY 20, ORIG...DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201422-1706011422EST.

FDC 6/1229 2A5 IAP CAUSEY, LIBERTY, NC. VOR RWY 2, AMDT 5...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: PROCEDURE NA AT NIGHT. 1610171326-1705291326EST.

LINCOLNTON

Lincolnton-Lincoln County Rgnl

FDC 7/1058 IPJ CHART LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051344-PERM.

FDC 6/9080 IPJ STAR LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/8607 IPJ IAP LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. ILS Y OR LOC Y RWY 23, ORIG-A...ILS Z OR LOC Z RWY 23, ORIG-A...GATEQ FIX MINIMUMS CIRCLING CATS A/B MDA 1400/HAA 522. 1612072218-1707192218EST.

FDC 6/8605 IPJ IAP LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. RNAV (GPS) RWY 23, AMDT 1...RNAV (GPS) RWY 5, AMDT 1B...CIRCLING CATS A/B MDA 1400/HAA 522. 1612072216-1707192216EST.

FDC 6/5720 IPJ SID LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 6/0628 IPJ SID LINCOLNTON-LINCOLN COUNTY RGNL, LINCOLNTON, NC. BOBCAT SIX DEPARTURE...HORNET EIGHT DEPARTURE...HUGO THREE DEPARTURE...PANTHER THREE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWY 23: CLIMB HEADING 243 TO 2800 BEFORE TURNING LEFT, THENCE.....EXPECT RADAR VECTORS TO INTERCEPT FILED/ASSIGNED TRANSITION OR ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1609122149-1704242149EST.

LOUISBURG

Triangle North Executive

FDC 6/3794 LHZ IAP TRIANGLE NORTH EXECUTIVE, LOUISBURG, NC. VOR/DME-A, AMDT 2B...PROCEDURE NA. 1609161741-1704281741EST.

MANTEO

Dare County Rgnl

FDC 7/4460 MQI IAP DARE COUNTY RGNL, MANTEO, NC. VOR RWY 17, AMDT 4A...PROCEDURE NA. 1701141856-1708261855EST.

MAXTON

Laurinburg-Maxton

FDC 7/7551 MEB IAP LAURINBURG-MAXTON, MAXTON, NC. RNAV (GPS) RWY 5, AMDT 1A...CIRCLING HAA CATS A/B/C 463, CAT D 563. CHART TDZE 215, DELETE THRE 215. CHART NOTE: CIRCLING RWY 13 NA AT NIGHT. AIRPORT ELEVATION 217. DELETE NOTE: CIRCLING TO RWY 13 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, AMDT 1B. 1701251442-PERM.

FDC 7/7550 MEB IAP LAURINBURG-MAXTON, MAXTON, NC. ILS OR LOC RWY 5, AMDT 2...CIRCLING HAA CATS A/B/C 463, CAT D 563. CHART NOTE: CIRCLING RWY 13 NA AT NIGHT. CHART TDZE 215, DELETE THRE 215. AIRPORT ELEVATION 217. DELETE NOTE: CIRCLING TO RWY 13 NA AT NIGHT. THIS IS ILS OR LOC RWY 5, AMDT 2A. 1701251442-PERM.

MONROE

Charlotte-Monroe Executive

FDC 7/1087 EQY CHART CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051402-PERM.

FDC 6/9085 EQY STAR CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/5721 EQY SID CHARLOTTE-MONROE EXECUTIVE, MONROE, NC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

MOORESVILLE

Lake Norman Airport

FDC 7/0992 14A IAP LAKE NORMAN AIRPARK, MOORESVILLE, NC. RNAV (GPS) RWY 14, AMDT 1...LNAV HAT CATS A/B 521. CHART TDZE 839, DELETE THRE 807. CHART NOTE: RWY 14, 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE PROFILE NOTE: DESCENT ANGLE NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 14, AMDT 1A. 1702032029-PERM.

MORGANTON

Foothills Regional

FDC 7/1014 MRN IAP FOOTHILLS REGIONAL, MORGANTON, NC. RNAV (GPS) RWY 21, AMDT 1...CHART TDZE 1270, DELETE THRE 1270. THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1702032146-PERM.

FDC 7/1013 MRN IAP FOOTHILLS REGIONAL, MORGANTON, NC. LOC RWY 3, AMDT 2...S-3 HAT CATS A/B/C 492. CHART TDZE 1248, DELETE THRE 1230. THIS IS LOC RWY 3, AMDT 2A. 1702032146-PERM.

MOUNT AIRY

Mount Airy/Surry County

FDC 7/0406 MWK IAP MOUNT AIRY/SURRY COUNTY, MOUNT AIRY, NC. RNAV (GPS) RWY 36, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701032130-1708152130EST.

FDC 7/0404 MWK IAP MOUNT AIRY/SURRY COUNTY, MOUNT AIRY, NC. RNAV (GPS) RWY 18, ORIG...NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701032128-1708152128EST.

NEW BERN

Coastal Carolina Regional

FDC 6/5158 EWN IAP COASTAL CAROLINA REGIONAL, NEW BERN, NC. ILS OR LOC RWY 4, AMDT 1A...NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 540 MSL. 1612272206-1708082206EST.

NORTH WILKESBORO

Wilkes County

FDC 6/3068 UKF ODP WILKES COUNTY, NORTH WILKESBORO, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 1, STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 5000. RWY 19, STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 3200. DEPARTURE PROCEDURE: RWY 1, CLIMB HEADING 005 TO 5000 BEFORE PROCEEDING ON COURSE. RWY 19, CLIMB HEADING 185 TO 3200 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1610191701-1705311701EST.

FDC 6/0456 UKF IAP WILKES COUNTY, NORTH WILKESBORO, NC. ILS OR LOC RWY 1, ORIG-C...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, UKF NDB OUT OF SERVICE. 1609121804-1704241804EST.

RAEFORD

P K Airpark

FDC 6/1423 5W4 IAP P K AIRPARK, RAEFORD, NC. VOR/DME OR GPS-A, AMDT 3A...PROCEDURE NA AT NIGHT. 1611021550-1706141550EST.

RALEIGH/DURHAM

Raleigh-Durham Intl

FDC 6/8808 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. RNAV (GPS) RWY 32, ORIG...CIRCLING CATS B/C MDA 1080/HAA 645. TEMP CRANE 719 MSL 1.57 NM N OF RWY 23R (2016-ASO-26833-OE). CHANGE MISSED APPROACH TO READ: CLIMB ON COURSE 322 TO KASLE, THEN CLIMBING RIGHT TURN TO 2200 DIRECT DUHAM AND HOLD. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612081241-1707201241EST.

FDC 6/8806 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 23R, AMDT 11B...GIYEP FIX MINIMUMS CIRCLING CATS B/C/D MDA 1080/HAA 645, VIS CAT C 1 3/4, CAT D 2 1/4. TEMP CRANE 719 MSL 1.57 NM N OF RWY 23R (2016-ASO-26833-OE). 1612081241-1707201241EST.

FDC 6/8805 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 23L, AMDT 8A...LEPEC FIX MINIMUMS MDA 840/HAT 405 ALL CATS. VIS CAT C RVR 4000. CIRCLING CATS B/C/D MDA 1080/HAA 645, VIS CAT C 1 3/4, CAT D 2 1/4. TEMP CRANE 719 MSL 1.57 NM N OF RWY 23R (2016-ASO-26833-OE). 1612081241-1707201241EST.

FDC 6/8803 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. RNAV (GPS) Y RWY 5R, AMDT 2A...LNAV/VNAV DA 711/HAT 291 ALL CATS. CIRCLING CATS B/C/D MDA 1080/HAA 645, VIS CAT C 1 3/4, CAT D 2 1/4. TEMP CRANE 719 MSL 1.57 NM N OF RWY 23R (2016-ASO-26833-OE). 1612081241-1707201241EST.

FDC 6/8802 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 5L, AMDT 5A...ILS OR LOC RWY 5R, AMDT 28A...RNAV (GPS) Y RWY 23L, AMDT 1A...RNAV (GPS) Y RWY 23R, AMDT 1A...RNAV (GPS) Y RWY 5L, AMDT 1A...VOR RWY 23L, AMDT 14E...VOR RWY 5R, AMDT 13D...CIRCLING CATS B/C/D MDA 1080/HAA 645, VIS CAT C 1 3/4, CAT D 2 1/4. TEMP CRANE 719 MSL 1.57 NM N OF RWY 23R (2016-ASO-26833-OE). 1612081241-1707201241EST.

FDC 6/8797 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS RWY 5R (SA CAT I AND II), AMDT 28A...PROCEDURE NA. 1610131249-1705251249EST.

FDC 6/8786 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 5R, AMDT 28A...FLIGHT PLANNING BOX NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA NA. 1610131246-1705251246EST.

FDC 6/3901 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 5L, AMDT 5A...CHANGE MISSED APPROACH TO READ: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2200 VIA HEADING 310 AND RDU VORTAC R-351 TO DUHAM INT/RDU 11 DME AND HOLD. 1610201356-1706011355EST.

FDC 6/3899 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. ILS OR LOC RWY 23R, AMDT 11B...ILS RWY 23R (CAT II AND CAT III)...CHANGE MISSED APPROACH TO READ: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2200 VIA HEADING 030 AND RDU VORTAC R-351 TO DUHAM INT AND HOLD. 1610201353-1706011353EST.

FDC 6/2671 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. RNAV (RNP) Z RWY 23R, AMDT 2A...RNP 0.15 DA 801/HAT 392 ALL CATS. 1611232121-1707052121EST.

FDC 6/2667 RDU IAP RALEIGH-DURHAM INTL, RALEIGH/DURHAM, NC. RNAV (RNP) Z RWY 5R, AMDT 2A...RNP 0.30 DA 811/HAT 391, VIS RVR 3500 ALL CATS. 1611232118-1707052118EST.

REIDSVILLE

Rockingham County Nc Shiloh

FDC 6/1976 SIF IAP ROCKINGHAM COUNTY NC SHILOH, REIDSVILLE, NC. RNAV (GPS) RWY 31, ORIG-A...NOTE: STRAIGHT-IN RWY 31 NA AT NIGHT AND CIRCLING RWY 13 NA AT NIGHT. 1611221450-1707041450EST.

FDC 6/1975 SIF IAP ROCKINGHAM COUNTY NC SHILOH, REIDSVILLE, NC. RNAV (GPS) RWY 13, ORIG...NOTE: STRAIGHT-IN RWY 13 NA AT NIGHT AND CIRCLING RWY 31 NA AT NIGHT. 1611221450-1707041450EST.

FDC 6/1974 SIF IAP ROCKINGHAM COUNTY NC SHILOH, REIDSVILLE, NC. VOR/DME-A, AMDT 9A...NOTE: CIRCLING RWY 13, 31 NA AT NIGHT. 1611221450-1707041450EST.

FDC 6/1973 SIF IAP ROCKINGHAM COUNTY NC SHILOH, REIDSVILLE, NC. NDB RWY 31, AMDT 5A...NOTE: STRAIGHT-IN RWY 31 NA AT NIGHT AND CIRCLING RWY 13 NA AT NIGHT. 1611221450-1707041450EST.

ROCKINGHAM

Richmond County

FDC 6/7138 RCZ IAP RICHMOND COUNTY, ROCKINGHAM, NC. RNAV (GPS) RWY 32, ORIG-B...LPV DA 633/HAT 277 ALL CATS. LNAV CAT C VIS 1-1/8. DISREGARD NOTE: NIGHT LANDING RWY 32 NA. NOTE: CIRCLING RWY 14 NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING NA TO RWYS 4 AND 22. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MACKALL AAF: INCREASE LPV DA TO 672 FEET, LNAV/VNAV DA TO 833 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET AND VISIBILITY LNAV CAT C 1/8 SM. VDP 1.07 NM TO RW32*. 1611141226-1706261226EST.

ROXBORO

Person County

FDC 6/4381 TDF IAP PERSON COUNTY, ROXBORO, NC. ILS OR LOC RWY 6, AMDT 1...S-ILS 6 DA 851/HAT 250. 1608301510-1704111510EST.

FDC 6/4376 TDF IAP PERSON COUNTY, ROXBORO, NC. RNAV (GPS) RWY 6, ORIG...LNAV MDA 980/HAT 379 ALL CATS. VIS CATS C/D 5/8. LPV DA 851/HAT 250. 1608301510-1704111510EST.

SALISBURY

Rowan County

FDC 7/1062 RUQ CHART ROWAN COUNTY, SALISBURY, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051350-PERM.

FDC 6/9091 RUQ STAR ROWAN COUNTY AIRPORT, SALISBURY, NC. NASCR ONE ARRIVAL FLO TRANSITION NA. 1607210900-1707210900EST.

FDC 6/7888 RUQ IAP ROWAN COUNTY, SALISBURY, NC. NDB RWY 20, AMDT 1A...CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2900 DIRECT RU LOM AND HOLD. 1610121522-1705241522EST.

FDC 6/5723 RUQ SID ROWAN COUNTY, SALISBURY, NC. BOBCAT SEVEN DEPARTURE...ZAVR
TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS. CLT
VOR/DME RADIALS R-270 TO R-280 UNUSABLE.
1612301915-1704301915EST.

FDC 6/0883 RUQ SID ROWAN COUNTY, SALISBURY, NC. PANTHER THREE DEPARTURE...DEPARTURE
PROCEDURE CORRECT CHARLOTTE DEP CON
FREQUENCY TO READ 128.32. ALL OTHER DATA
REMAINS AS PUBLISHED.
1609131438-1704251438EST.

FDC 6/0882 RUQ SID ROWAN COUNTY, SALISBURY, NC. BOBCAT SEVEN DEPARTURE...CORRECT
CHARLOTTE DEPARTURE CON FREQUENCY TO
READ 128.32. ALL OTHER DATA REMAINS AS
PUBLISHED. 1609131438-1704251438EST.

FDC 6/0881 RUQ SID ROWAN COUNTY, SALISBURY, NC. JOJO ONE DEPARTURE (RNAV)...DEPARTURE
PROCEDURE CORRECT CHARLOTTE DEP CON FREQ
TO READ 128.32. ALL OTHER DATA REMAINS AS
PUBLISHED. 1609131438-1704251438EST.

FDC 6/0627 RUQ SID ROWAN COUNTY, SALISBURY, NC. BOBCAT SIX DEPARTURE...HORNET EIGHT
DEPARTURE...HUGO THREE DEPARTURE...PANTHER
THREE DEPARTURE...TAKEOFF MINIMUMS: RWY 20:
400-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF
205 FT PER NM TO 1300, OR ALTERNATIVELY, WITH
STANDARD TAKEOFF MINIMUMS AND A NORMAL
200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST
OCCUR NO LATER THAN 1200 FT PRIOR TO DER.
DEPARTURE ROUTE DESCRIPTION: RWY 20: CLIMB
HEADING 202 TO 1700 BEFORE TURNING RIGHT,
THENCE.....EXPECT RADAR VECTORS TO
INTERCEPT FILED/ASSIGNED TRANSITION OR
ENROUTE FIX/NAVAID. MAINTAIN 3000, EXPECT
FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER
DEPARTURE. ALL OTHER DATA REMAINS AS
PUBLISHED. 1609122147-1704242147EST.

SHELBY

Shelby-Cleveland County Rgnl

FDC 7/1055 EHO CHART SHELBY-CLEVELAND
COUNTY RGNL, SHELBY, NC. UNARM FOUR
ARRIVAL (UNARM.UNARM4)...CORRECT
COMMUNICATIONS DATA: DELETE ALL
SECTORIZED FREQUENCIES FOR CHARLOTTE APP
CON. ADD CHARLOTTE APP CON FREQUENCIES
135.6 AND 377.15. 1701051341-PERM.

FDC 6/9079 EHO STAR SHELBY-CLEVELAND
COUNTY RGNL, SHELBY, NC. RASLN ONE ARRIVAL
REVISE VERTICAL NAVIGATION PLANNING
INFORMATION AT RASLN TO READ
TURBOPROP/PROP LANDING NORTH EXPECT
8000FT LANDING SOUTH EXPECT 10000FT
TURBOJET LANDING NORTH EXPECT 11000FT AND
250K LANDING SOUTH EXPECT 14000FT AND 250K.
1607210900-1707210900EST.

STAR

Montgomery County

FDC 7/1458 43A IAP MONTGOMERY COUNTY, STAR, NC. RNAV (GPS) RWY 21, ORIG...CHART TDZE 626,
DELETE THRE 626. CHART NOTE: RWY 21, 3
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DELETE NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. THIS IS RNAV (GPS) RWY 21, ORIG-A.
1702061857-PERM.

FDC 7/1457 43A IAP MONTGOMERY COUNTY, STAR, NC. RNAV (GPS) RWY 3, ORIG...CHART TDZE 573,
DELETE THRE 573. CHART NOTE: RWY 3, 21
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DELETE NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. THIS IS RNAV (GPS) RWY 3, ORIG-A.
1702061857-PERM.

TARBORO

Tarboro-Edgecombe

FDC 7/4493 ETC IAP TARBORO-EDGECOMBE,
TARBORO, NC. VOR/DME OR GPS RWY 27, AMDT
1...PROCEDURE NA AT NIGHT. HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT
AUTHORIZED. 1701141920-1708261920EST.

WADESBORO

Anson County - Jeff Cloud Field

FDC 7/1088 AFP CHART ANSON COUNTY - JEFF
CLOUD FIELD, WADESBORO, NC. UNARM FOUR
ARRIVAL (UNARM.UNARM4)...CORRECT
COMMUNICATIONS DATA: DELETE ALL
SECTORIZED FREQUENCIES FOR CHARLOTTE APP
CON. ADD CHARLOTTE APP CON FREQUENCIES
135.6 AND 377.15. 1701051408-PERM.

FDC 6/9086 AFP STAR ANSON COUNTY-JEFF CLOUD FIELD, WADESBORO, NC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/8241 AFP IAP ANSON COUNTY - JEFF CLOUD FIELD, WADESBORO, NC. ILS OR LOC RWY 34, ORIG-B...RNAV (GPS) RWY 16, AMDT 1A...RNAV (GPS) RWY 34, AMDT 2A...NOTE: NIGHT LANDING: RWY 16 NA. 1610121907-1705241907EST.

WALNUT COVE

Meadow Brook Field

FDC 6/1483 N63 IAP MEADOW BROOK FIELD, WALNUT COVE, NC. VOR/DME OR GPS RWY 34, ORIG...S-34 MINIMUMS NA. 1609301952-1705121952EST.

WASHINGTON

Washington-Warren

FDC 6/7846 OCW ODP WASHINGTON-WARREN, WASHINGTON, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A.NOTE: RWY 5 , VEHICLES ON ROAD BEGINNING 222 FT FROM DER, 397 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/53 FT MSL. TREES BEGINNING 650 FT FROM DER, 322 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/146 FT MSL. TREES BEGINNING 1824 FT FROM DER, 634 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/155 FT MSL. NOTE: RWY 17, TREES BEGINNING 19 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/108 FT MSL. TREES BEGINNING 1773 FT FROM DER, 382 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/159 FT MSL. NOTE: RWY 23, TREES BEGINNING 32 FT FROM DER, 475 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/63 FT MSL. TREES BEGINNING 354 FT FROM DER, 391 FT RIGHT OF CENTERLINE 30 FT AGL/61 FT MSL. TREES BEGINNING 1455 FT FROM DER, 89 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/87 FT MSL. TREES BEGINNING 1711 FT FROM DER, 852 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/101 FT MSL. TOWER 5339 FT FROM DER, 580 FT LEFT OF CENTERLINE, 157 FT AGL/170FT MSL. NOTE: RWY 35, VEHICLE ON ROAD BEGINNING 287 FT FROM DER, UP TO 15 FT AGL/51 FT MSL. TREES BEGINNING 345 FT FROM DER, 436 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/121 FT MSL. TREES BEGINNING 799 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/148 FT MSL. TREES BEGINNING 2133 FT FROM DER. 335 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/143 ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/7846 OCW ODP WASHINGTON-WARREN, WASHINGTON, NC. FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1610121458-1705241458EST

FDC 6/3645 OCW IAP WASHINGTON-WARREN, WASHINGTON, NC. RNAV (GPS) RWY 17, AMDT 1A...PROCEDURE NA. 1610201212-1706011212EST.

WAXHAW

Jaars-Townsend

FDC 7/1091 N52 CHART JAARS-TOWNSEND, WAXHAW, NC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051412-PERM.

FDC 6/9092 N52 STAR JAARS-TOWNSEND, WAXHAW, NC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000 LANDING SOUTH EXPECT 10,000 TURBOJET LANDING NORTH EXPECT 11,000 AND 250K LANDING SOUTH EXPECT 14,000 AND 250K. 1607210900-1707210900EST.

WHITEVILLE

Columbus County Muni

FDC 6/8595 CPC IAP COLUMBUS COUNTY MUNI, WHITEVILLE, NC. RNAV (GPS) RWY 6, ORIG-B...DELETE DESCENT ANGLE 3.05/TCH 40
PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
1612072212-1707192212EST.

WILLIAMSTON

Martin County

FDC 7/8621 MCZ IAP MARTIN COUNTY, WILLIAMSTON, NC. RNAV (GPS) RWY 3, AMDT 1...LPV DA 336. LNAV/VNAV DA 476. LNAV HAT 386
ALL CATS. CHART TDZE 74, DELETE THRE 65.
CHART NOTE: RWY 3, 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
DELETE NOTE: RWY 03 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHART VDP AT 1.14 NM TO RW03*. THIS IS RNAV (GPS) RWY 3, AMDT 1A. 1701272046-PERM.

FDC 7/0966 MCZ IAP MARTIN COUNTY, WILLIAMSTON, NC. RNAV (GPS) RWY 21, AMDT 1...LPV DA 380. LNAV/VNAV DA 337. LNAV HAT 365
ALL CATS. CHART TDZE 75, DELETE THRE 74.
DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
DELETE NOTE: RWY 21 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. 34:1 IS CLEAR.
THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1702031913-PERM.

WILMINGTON

Wilmington Intl

FDC 7/2190 ILM IAP WILMINGTON INTL, WILMINGTON, NC. ILS Y OR LOC RWY 24, AMDT 1A...TERMINAL ROUTE FROM ILM VORTAC TO WILZE LOM ADF REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ILM UNUSABLE. ALTERNATE MINIMUMS: NA WHEN CONTROL TOWER CLOSED.
1702072308-1709192308EST.

FDC 7/2188 ILM IAP WILMINGTON INTL, WILMINGTON, NC. ILS Y OR LOC/DME RWY 6, AMDT 2A...TERMINAL ROUTE FROM WYLMS INT/CRE VORTAC 28.22 DME (IAF) TO LURKY/13.68
DME (NOPT) NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRE UNUSABLE. ALTERNATE MINIMUMS: NA WHEN CONTROL TOWER CLOSED.
1702072307-1709192307EST.

WINSTON SALEM

Smith Reynolds

FDC 7/1650 INT SID SMITH REYNOLDS, WINSTON SALEM, NC. QUAKER FOUR
DEPARTURE...RICHMOND TRANSITION: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RIC VOR OUT OF SERVICE.
1702071430-1704011430EST.

FDC 6/1753 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. RNAV (GPS) RWY 33, ORIG-A...NOTE: CIRCLING RWY 4, 22 NA AT NIGHT. NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING RWY 15 AND 22 NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1612141656-1707261656EST.

FDC 6/1750 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. RNAV (GPS) RWY 15, AMDT 1A...NOTE: CIRCLING RWY 4, 22 NA AT NIGHT. NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: NIGHT LANDING: RWY 4, 15, 22 NA. 1612141656-1707261656EST.

FDC 6/1748 INT IAP SMITH REYNOLDS, WINSTON SALEM, NC. ILS OR LOC RWY 33, AMDT 29C...NOTE: CIRCLING RWY 4, 22 NA AT NIGHT. NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING RWY 15 AND 22 NA. 1612141656-1707261656EST.

NORTH DAKOTA

DICKINSON

Dickinson - Theodore Roosevelt Rgnl

FDC 6/5194 DIK IAP DICKINSON - THEODORE ROOSEVELT RGNL, DICKINSON, ND. RNAV (GPS) RWY 25, ORIG-A...DISREGARD NOTE: RWY 25 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1612272226-1708082226EST.

GRAND FORKS

Grand Forks Intl

FDC 6/6804 GFK IAP GRAND FORKS INTL, GRAND FORKS, ND. RNAV (GPS) RWY 35L, ORIG-A...LPV VIS RVR 2400 ALL CATS. 1609021605-1704141605EST.

GWINNER

Gwinner-Roger Melroe Field

FDC 6/6764 GWR IAP GWINNER-ROGER MELROE FIELD, GWINNER, ND. RNAV (GPS) RWY 34, AMDT 4...CIRCLING CATS A/B MDA 1840/HAA 574. 6 CRANES, 1482 MSL, 4640 FT NE OF DEPARTURE END RWY 34, 2015-AGL-10224 THRU 10229-OE. 1611122154-1706242154EST.

HETTINGER

Hettinger Muni

FDC 6/0452 HEI ODP HETTINGER MUNI, HETTINGER, ND. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TEXTUAL DEPARTURE PROCEDURE: RWY 30, CLIMB HEADING 309 TO 3200 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. WINDMILL 3383 MSL 3.10 NM NE OF AIRPORT, WINDMILL 3393 MSL 3.52 NM NE OF AIRPORT.. 1609121750-1704241748EST.

JAMESTOWN

Jamestown Rgnl

FDC 6/8725 JMS IAP JAMESTOWN RGNL, JAMESTOWN, ND. ILS OR LOC RWY 31, AMDT 7E...AUTOPILOT COUPLED APPROACH NA BELOW 1900. 1610131233-1705251233EST.

FDC 6/8407 JMS IAP JAMESTOWN RGNL, JAMESTOWN, ND. ILS OR LOC RWY 31, AMDT 7E...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SABON (JM) LOM OUT OF SERVICE. 1608221539-1704031539EST.

FDC 6/3167 JMS IAP JAMESTOWN RGNL, JAMESTOWN, ND. ILS OR LOC RWY 31, AMDT 7E...MSA FROM JM LOM 360-180 3200. 1612161837-1707281837EST.

KENMARE

Kenmare Muni

FDC 6/3092 7K5 IAP KENMARE MUNI, KENMARE, ND. RNAV (GPS) RWY 26, ORIG...CIRCLING MDA 2640/ HAA 678 CAT A. 1610191708-1705311708EST.

MOHALL

Mohall Muni

FDC 6/4543 HBC IAP MOHALL MUNI, MOHALL, ND. VOR/DME-A, ORIG...PROCEDURE NA. 1610202023-1706012023EST.

NORTHWOOD

Northwood Muni-Vince Field

FDC 6/1489 4V4 IAP NORTHWOOD MUNI-VINCE FIELD, NORTHWOOD, ND. RNAV (GPS) RWY 26, ORIG-A...DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1609301956-1705121956EST.

OAKES

Oakes Muni

FDC 7/2617 2D5 ODP OAKES MUNI, OAKES, ND. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 17, 35: NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702081942-1709201942EST.

FDC 7/2616 2D5 IAP OAKES MUNI, OAKES, ND. RNAV (GPS) RWY 30, ORIG-A...NOTE: CIRCLING NA TO RWYS 17 AND 35. 1702081942-1709201942EST.

WILLISTON

Sloulin Fld Intl

FDC 7/2464 ISN SID SLOULIN FLD INTL, WILLISTON, ND. WILLISTON ONE DEPARTURE...TAKE-OFF MINIMUMS RWY 02, 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 204 FT PER NM TO 2300 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FEET PRIOR TO DER.. TAKE-OFF MINIMUMS RWY 29 300-2 OR STANDARD WITH MINIMUM CLIMB OF 436 FT PER NM TO 2400.. NOTE: RWY 02, ANTENNA TOWER, 1.47 NM FROM DEPARTURE END OF RWY, 1840 FT LEFT OF CENTERLINE, 157 FT AGL/2147 FT MSL, 2016-AGL-498-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1702081557-1709201557EST.

FDC 7/2463 ISN ODP SLOULIN FLD INTL, WILLISTON, ND. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKE-OFF MINIMUMS RWY 02, 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 204 FT PER NM TO 2300 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FEET PRIOR TO DER.. TAKE-OFF MINIMUMS RWY 29 300-2 OR STANDARD WITH MINIMUM CLIMB OF 436 FT PER NM TO 2400.. NOTE: RWY 02, ANTENNA TOWER, 1.47 NM FROM DEPARTURE END OF RWY, 1840 FT LEFT OF CENTERLINE, 157 FT AGL/2147 FT MSL, 2016-AGL-498-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1702081557-1709201557EST.

OHIO

AKRON

Akron Fulton Intl

FDC 7/8572 AKR CHART AKRON FULTON INTL, AKRON, OH. RNAV (GPS) RWY 25, ORIG-A...CORRECT BRIEFING STRIP: CHART TDZE 1059 INSTEAD OF THRE 1059. 1701271909-PERM.

ASHTABULA

Ashtabula County Medical Center Ctr

FDC 6/6930 80H0 SPECIAL ASHTABULA COUNTY MEDICAL CENTER CTR, ASHTABULA, OH. COPTER RNAV (GPS) 282, ORIG...IFR DEPARTURE NA. 1610111644-1705231644EST.

Northeast Ohio Rgnl

FDC 6/5163 HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. RNAV (GPS) RWY 9, ORIG-C...TERMINAL ROUTE FROM SYMES TO PUYKU NA. 1612272209-1708082209EST.

FDC 6/5161 HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. RNAV (GPS) RWY 27, ORIG-C...TERMINAL ROUTE FROM SYMES TO RAQEF NA. 1612272208-1708082207EST.

ATHENS

O'Bleness Memorial Hospital

FDC 6/4427 OH23 SPECIAL O BLENES MEMORIAL HOSPITAL, ATHENS, OH. COPTER RNAV (GPS) 129, ORIG...IFR DEPARTURE NA. 1610201753-1706011753EST.

BATAVIA

Clermont County

FDC 6/1771 I69 IAP CLERMONT COUNTY, BATAVIA, OH. RNAV (GPS) RWY 4, AMDT 1B...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: WHEN CIRCLING TO RWY 22 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1612141714-1707261714EST.

FDC 6/1746 I69 IAP CLERMONT COUNTY, BATAVIA, OH. RNAV (GPS) RWY 22, AMDT 1C...DISREGARD NOTE: PROCEDURE NA AT NIGHT FOR CAT C AIRCRAFT. NOTE: NIGHT LANDING: RWY 22, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1612141617-1707261617EST.

BEACH CITY

Beach City

FDC 7/3016 2D7 IAP BEACH CITY, BEACH CITY, OH. VOR OR GPS-A, AMDT 1...VOR PORTION NA, CTW VOR/DME OUT OF SERVICE. 1701102150-1702102150EST.

CADIZ

Harrison County

FDC 7/4340 8G6 IAP HARRISON COUNTY, CADIZ, OH. RNAV (GPS) RWY 13, ORIG-A...CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DESCENT ANGLE 3.00/TCH 40 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. NOTE: PROCEDURE NA AT NIGHT. 1701132205-1708252205EST.

FDC 7/4338 8G6 IAP HARRISON COUNTY, CADIZ, OH. RNAV (GPS) RWY 31, ORIG-A...LNAV HAT 497 CAT A/B. TDZE 1163. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DESCENT ANGLE 3.00/TCH 40 NA. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES. NOTE: PROCEDURE NA AT NIGHT. 1701132203-1708252203EST.

FDC 7/4330 8G6 ODP HARRISON COUNTY, CADIZ, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 13, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 266 FEET PER NM TO 1500. RWY 31, 300-1. ALL OTHER DATA REMAINS AS PUBLISHED. 1701132159-1708252159EST.

FDC 6/0042 8G6 IAP HARRISON COUNTY, CADIZ, OH. VOR-A, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
1610141319-1705261319EST.

FDC 5/0256 8G6 ODP HARRISON COUNTY, CADIZ, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS: RWY 13, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 266 FEET PER NM TO 1500. RWY 31, 300-1. ALL OTHER DATA REMAINS AS PUBLISHED. 1512212037-1608012037EST.

CALDWELL

Noble County

FDC 7/3017 I10 IAP NOBLE COUNTY, CALDWELL, OH. VOR-A, AMDT 1A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CTW VOR/DME OUT OF SERVICE. 1701102150-1702102150EST.

CAMBRIDGE

Cambridge Muni

FDC 7/3019 CDI IAP CAMBRIDGE MUNI, CAMBRIDGE, OH. VOR-A, AMDT 4A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. WUVAL FIX MINIMUMS DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CTW VOR/DME OUT OF SERVICE. 1701102150-1702102150EST.

FDC 7/3018 CDI IAP CAMBRIDGE MUNI, CAMBRIDGE, OH. LOC/DME RWY 22, AMDT 1C...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CTW VOR/DME OUT OF SERVICE.
1701102150-1702102150EST.

FDC 7/2099 CDI IAP CAMBRIDGE MUNI, CAMBRIDGE, OH. LOC/DME RWY 22, AMDT 1C...DESCENT ANGLE 3.05/TCH 40 NA.
1702072143-1709192143EST.

CARROLLTON

Carroll County-Tolson

FDC 6/6518 TSO IAP CARROLL COUNTY-TOLSON, CARROLLTON, OH. VOR-A, AMDT 1...DISREGARD NOTE: CIRCLING RWY 25 NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT.
1609012210-1704132209EST.

FDC 6/6517 TSO IAP CARROLL COUNTY-TOLSON, CARROLLTON, OH. RNAV (GPS) RWY 7, ORIG-B...DISREGARD NOTE: NIGHT LANDING RWY 25 NA. NOTE: PROCEDURE NA AT NIGHT.
1609012208-1704132207EST.

CINCINNATI

Cincinnati Muni Airport Lunken Field

FDC 7/2179 LUK ODP CINCINNATI MUNI AIRPORT LUNKEN FIELD, CINCINNATI, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 14...TAKE-OFF MINIMUMS: RWY 03L, STANDARD WITH MINIMUM CLIMB OF 409 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 213 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 3R, STANDARD WITH MINIMUM CLIMB OF 372 FT PER NM TO 1100 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 7, STANDARD WITH MINIMUM CLIMB OF 440 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 205 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 21R, STANDARD WITH MINIMUM CLIMB OF 474 FT PER NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 21L, STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 1200 OR 600-2 3/4 WITH MINIMUM CLIMB OF 228 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. RWY 25, 600 2 3/4 WITH A MINIMUM CLIMB OF 218 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED.
1702072304-1709192304EST.

FDC 7/2177 LUK SID CINCINNATI MUNI AIRPORT LUNKEN FIELD, CINCINNATI, OH. ROCKT EIGHT DEPARTURE (RNAV)...TAKE-OFF MINIMUMS RWY 3L, STANDARD WITH MINIMUM CLIMB OF 409 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 213 FT PER NM TO 1400. RWY 3R, STANDARD WITH MINIMUM CLIMB OF 372 FT PER NM TO 1100 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400. RWY 7, STANDARD WITH MINIMUM CLIMB OF 440 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 205 FT PER NM TO 1400. RWY 21R, STANDARD WITH MINIMUM CLIMB OF 474 FT PER NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM TO 1300. RWY 21L, STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 1200 OR 600-2 3/4 WITH MINIMUM CLIMB OF 228 FT PER NM TO 1300. RWY 25, 600 2 3/4 WITH A MINIMUM CLIMB OF 218 FT PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED.
1702072302-1709192302EST.

FDC 7/2175 LUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, CINCINNATI, OH. ILS OR LOC RWY 21L, AMDT 19A...S-ILS 21L DA 798/HAT 323 ALL CATS. CHANGE INOPERATIVE NOTE TO READ FOR INOPERATIVE ALS, INCREASE S-ILS-21L ALL CATS VISIBILITY TO RVR 6000; KEELY OM MINIMUMS, INCREASE S-LOC-21L CAT A VISIBILITY TO 1 MILE AND CATS C/D VISIBILITY TO 2 1/2 MILE. FOR INOP ALS WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING, INCREASE S-ILS-21L ALL CATS VISIBILITY TO 1 3/8 MILE. 1702072259-1709192259EST.

FDC 7/2173 LUK IAP CINCINNATI MUNI AIRPORT LUNKEN FIELD, CINCINNATI, OH. RNAV (GPS) RWY 21L, AMDT 1C...LPV DA 756/HAT281 ALL CATS. LNAV/VNAV DA 1217/HAT 742 ALL CATS. VIS 2 1/2 ALL CATS. CHANGE REMOTE ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL DA 86 FEET AND ALL MDA 100 FEET; INCREASE LNAV CATS C/D AND CIRCLING CATS B AND D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE. CHANGE INOP NOTE TO READ: FOR INOP ALS, INCREASE LPV ALL CATS VISIBILITY TO RVR 4500, LNAV CATS A/B VISIBILITY TO 1 MILE AND LNAV CATS C/D VISIBILITY TO 2 MILE. FOR INOP ALS WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 3 MILE, LNAV CAT A VISIBILITY TO 1 MILE, AND LNAV CATS C/D VISIBILITY TO 2 1/2 MILE. 1702072257-1709192257EST.

CIRCLEVILLE

Pickaway County Memorial

FDC 6/7234 CYO IAP PICKAWAY COUNTY MEMORIAL, CIRCLEVILLE, OH. RNAV (GPS) RWY 19, ORIG...CIRCLING CAT B MDA 1200/HAA 515. CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 24). 1609061303-1704181303EST.

CLEVELAND

Burke Lakefront

FDC 7/2380 BKL ODP BURKE LAKEFRONT, CLEVELAND, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...DEPARTURE PROCEDURE: RWY 24L, 24R, CLIMBING RIGHT TURN HEADING 350 TO INTERCEPT THE CXR VOR/DME R-286 TO 2000 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1702081358-1709201358EST.

Cleveland-Hopkins Intl

FDC 7/0360 CLE SID CLEVELAND-HOPKINS INTL, CLEVELAND, OH. OBRLN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/9138 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 6R, AMDT 21C...RNAV (GPS) RWY 24L, AMDT 3C...RNAV (GPS) RWY 24R, AMDT 3C...RNAV (GPS) RWY 6L, AMDT 1D...RNAV (GPS) RWY 6R, AMDT 2D...CIRCLING MDA 1420/HAA 621 ALL CATS. VIS CAT C 1 3/4.. 1610131428-1705251428EST.

FDC 6/0130 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 24L AMDT 22C...S-LOC 24L MDA 1260/HATH 474 ALL CATS. VIS CAT C/D RVR 5000. SIDESTEP 24R MDA 1260/HATH 474 ALL CATS. VIS CAT A/B RVR 5000, CAT C 1 1/2, CAT D 2. CIRCLING MDA 1420/HAA 621 ALL CATS. VIS CAT C 1 3/4. VDP AT I-HPI 3.12 DME; DISTANCE VDP TO THLD 1.34 MILES 1609121255-1704241255EST.

Cuyahoga County

FDC 7/0359 CGF SID CUYAHOGA COUNTY, CLEVELAND, OH. OBRLN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/8609 CGF IAP CUYAHOGA COUNTY, CLEVELAND, OH. RNAV (GPS) RWY 6, AMDT 1A...LPV DA NA. LNAV/VNAV DA NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612072219-1707192219EST.

FDC 6/1387 CGF SID CUYAHOGA COUNTY, CLEVELAND, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

COLUMBUS

Grant Medical Center

FDC 7/4343 OH01 IAP GRANT MEDICAL CENTER, COLUMBUS, OH. COPTER RNAV (GPS) 324, ORIG...PROCEDURE NA. 1701132206-1708252206EST.

FDC 6/6902 OH01 SPECIAL GRANT MEDICAL CENTER, COLUMBUS, OH. COPTER RNAV (GPS) 324, ORIG...IFR DEPARTURE NA. 1610111623-1705231623EST.

FDC 5/0690 OH01 IAP GRANT MEDICAL CENTER, COLUMBUS, OH. COPTER RNAV (GPS) 324, ORIG...PROCEDURE NA. 1512222019-1608022019EST.

Nationwide Children's Hospital

FDC 6/6898 OI95 SPECIAL NATIONWIDE CHILDREN S HOSPITAL, COLUMBUS, OH. COPTER RNAV (GPS) 186, AMDT 1...IFR DEPARTURE NA. 1610111620-1705231620EST.

Ohio State University

FDC 7/6591 OSU IAP OHIO STATE UNIVERSITY, COLUMBUS, OH. RNAV (GPS) RWY 27L, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: NIGHT LANDING: RWY 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701222050-1709032050EST.

FDC 7/6589 OSU IAP OHIO STATE UNIVERSITY, COLUMBUS, OH. ILS OR LOC RWY 9R, AMDT 5A...NDB RWY 9R, AMDT 3A...RNAV (GPS) RWY 9R, AMDT 1A...NOTE: NIGHT LANDING: RWY 23 NA. 1701222049-1709032048EST.

Ohio State University Hospital

FDC 6/6928 OH54 SPECIAL OHIO STATE UNIVERSITY HOSPITAL, COLUMBUS, OH. COPTER RNAV (GPS) 287, ORIG...IFR DEPARTURE NA. 1610111643-1705231643EST.

Riverside Methodist Hospital

FDC 6/6905 9OI9 SPECIAL RIVERSIDE METHODIST HOSPITAL, COLUMBUS, OH. COPTER RNAV (GPS) 071, ORIG...IFR DEPARTURE NA. 1610111626-1705231625EST.

COSHOCTON

Richard Downing

FDC 7/3020 I40 IAP RICHARD DOWNING, COSHOCTON, OH. VOR-A, AMDT 10...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CTW VOR/DME OUT OF SERVICE. 1701102150-1702102150EST.

DAYTON

Greene County-Lewis A Jackson Rgnl

FDC 6/3106 I19 IAP GREENE COUNTY-LEWIS A JACKSON RGNL, DAYTON, OH. RNAV (GPS) RWY 25, ORIG-A...RNAV (GPS) RWY 7, ORIG-A...CIRCLING MDA 1480/HAA 531 ALL CATS. AIRPORT ELEV: 949. 1610191714-1705311714EST.

FDC 6/3103 I19 IAP GREENE COUNTY-LEWIS A JACKSON RGNL, DAYTON, OH. VOR RWY 25, ORIG-A...HUTVA FIX MINIMUMS (DME REQUIRED) S-25 MDA 1440/HAT 494 ALL CATS, CAT C VISIBILITY 1 3/8. CIRCLING MDA 1480/HAA 531 ALL CATS. VDP 9.65 DME; DISTANCE VDP TO THLD 1.08 NM. 1610191712-1705311712EST.

James M Cox Dayton Intl

FDC 6/1295 DAY IAP JAMES M COX DAYTON INTL, DAYTON, OH. ILS OR LOC RWY 18, AMDT 10...RNAV (GPS) RWY 18, AMDT 1...RNAV (GPS) RWY 24L, AMDT 1B...RNAV (GPS) RWY 36, AMDT 1...RNAV (GPS) RWY 6R, AMDT 1A...RNAV (GPS) Z RWY 6L, AMDT 1B...CIRCLING MDA 1580/HAA 571 ALL CATS. 1611201607-1707021607EST.

DEFIANCE

Defiance Memorial

FDC 6/9919 DFI IAP DEFIANCE MEMORIAL, DEFIANCE, OH. RNAV (GPS) RWY 12, ORIG-A...CIRCLING: CAT A MDA 1140/HAA 433. NOTE: NIGHT LANDING: RWY 30 NA. 1610312019-1706122019EST.

DELAWARE

Delaware Muni - Jim Moore Field

FDC 7/1030 DLZ IAP DELAWARE MUNI - JIM MOORE FIELD, DELAWARE, OH. VOR RWY 28, AMDT 1...S-28 NA. 1701051322-1708171322EST.

FDC 7/1029 DLZ IAP DELAWARE MUNI - JIM MOORE FIELD, DELAWARE, OH. RNAV (GPS) RWY 28, AMDT 1...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA.. 1701051322-1708171322EST.

EAST LIVERPOOL

Columbiana County

FDC 7/3301 02G ODP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A.TAKEOFF MINIMUMS: RWY 7: STANDARD, RWY 25: 600-1 3/4 OR STANDARD WITH MINIMUM CLIMB GRADIENT OF 445 FT PER NM TO 1700. NOTE: RWY 7, TREES BEGINNING ABEAM DER, 392 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/1224 FT MSL. TREE 156 FT FROM DER, 449 FT RIGHT OF CENTERLINE, 1205 FT MSL. TREES BEGINNING 164 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 101 FT AGL/1231 FT MSL. TREES BEGINNING 182 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 1218 FT MSL. TREES BEGINNING 1892 FT FROM DER, 635 FT RIGHT OF CENTERLINE, UP TO 1219 FT MSL. TREE 2212 FT FROM DER, 850 FT RIGHT OF CENTERLINE, 1221 FT MSL. TREE 2338 FT FROM DER, 840 FT RIGHT OF CENTERLINE, 1224 FT MSL. TREE 2859 FT FROM DER, 506 FT LEFT OF CENTERLINE, 1236 FT MSL. NOTE: RWY 25, GRD 7 FT FROM DER, 401 FT RIGHT OF CENTERLINE, 1152 FT MSL. GRD BEGINNING 104 FT FROM DER, 297 FT RIGHT OF CENTERLINE, UP TO 1159 FT MSL. GRD 118 FT FROM DER, 256 FT LEFT OF CENTERLINE, 1148 FT MSL. TREES BEGINNING 141 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/1226 FT MSL. TREES BEGINNING 899 FT FROM DER, 84 FT RIGHT OF CENTERLINE, UP TO 1220 FT MSL. TREE 3443 FT FROM DER, 611 FT RIGHT OF CENTERLINE, 1240 FT MSL. TREE 3499 FT 2A. 1701111 TREE 3531 FT FROM DER, 1397 FT RIGHT OF CENTERLINE, 1247 FT MSL. TREE 3533 FT FROM DER, 935 FT RIGHT OF CENTERLINE, 1276 FT MSL. TREES BEGINNING 3535 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 1287 FT MSL. TREES BEGINNING 3653 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 1288 FT MSL. TREES BEGINNING 3701 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 1290 FT MSL. TREES BEGINNING 3748 FT FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 1315 FT MSL. TREE 3748 FT FROM DER, 891 FT RIGHT OF CENTERLINE, 1298 FT MSL. TREES BEGINNING 3801 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 1322 FT MSL. TREES BEGINNING 3854 FT FROM DER, 358 FT RIGHT OF CENTERLINE, UP TO 1332 FT MSL. TREE,

FDC 6/8343 02G IAP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. VOR RWY 25, AMDT 5...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609262111-1705082111EST.

FDC 6/8340 02G IAP COLUMBIANA COUNTY, EAST LIVERPOOL, OH. RNAV (GPS) RWY 25, ORIG...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. 1609262109-1705082109EST.

ELYRIA

Elyria

FDC 7/0361 1G1 SID ELYRIA, ELYRIA, OH. OBRLN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/1388 1G1 SID ELYRIA, ELYRIA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

FINDLAY

Findlay

FDC 6/4077 FDY ODP FINDLAY, FINDLAY, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 25, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 208 FT PER NM TO 1400, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1800 FT PRIOR TO DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201456-1706011456EST.

FDC 6/2121 FDY IAP FINDLAY, FINDLAY, OH. VOR RWY 7, AMDT 12A...NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT. NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1611221751-1707041751EST.

GALION

Galion Muni

FDC 7/4477 GQQ IAP GALION MUNI, GALION, OH. RNAV (GPS) RWY 5, ORIG-A...LP MDA 1600/HAT 376 ALL CATS. LNAV MDA 1620/HAT 396 ALL CATS. VISIBILITY CAT C 1 1/8. 1701141908-1708261908EST.

GALLIPOLIS

Gallia-Meigs Rgnl

FDC 6/6652 GAS ODP GALLIA-MEIGS RGNL, GALLIPOLIS, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKE-OFF MINIMUMS: RWY 5, 500-2 OR STD WITH MINIMUM CLIMB OF 366 FT PER NM TO 1200. RWY 23, STD WITH MINIMUM CLIMB OF 339 FT PER NM TO 1600; DISREGARD NONSTANDARD CEILING AND VISIBILITY.. ALL OTHER DATA REMAINS AS PUBLISHED. 1611121412-1706241412EST.

HAMILTON

Butler Co Rgnl-Hogan Field

FDC 6/1294 HAO IAP BUTLER CO RGNL-HOGAN FIELD, HAMILTON, OH. ILS OR LOC RWY 29, AMDT 1C...S-LOC 29 VISIBILITY CAT B 1. ARTHN FIX MINIMUMS: S-LOC 29 VISIBILITY CATS C/D 1 1/4. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S- ILS 29. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALS, INCREASE S-LOC 29 CATS C/D VISIBILITY TO 2 1/2 MILE. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI MUNI AIRPORT-LUNKIN FIELD ALTIMETER SETTING AND INCREASE ALL DA 59 FEET, AND ALL MDA 60 FEET, INCREASE S-LOC 29 CAT A VISIBILITY 1/4 MILE, CATS C/D VISIBILITY 1/2 MILE, INCREASE CIRCLING CATS A AND D VISIBILITY 1/4 MILE, ARTHN FIX MINIMUMS: S-LOC 29 INCREASE CATS C/D VISIBILITY 1/8 MILE, INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE. 1611021455-1706141455EST.

JACKSON

James A Rhodes

FDC 7/0918 I43 IAP JAMES A RHODES, JACKSON, OH. RNAV (GPS) RWY 1, AMDT 1D...NOTE: STRAIGHT-IN RWY 01 NA AT NIGHT, CIRCLING RWY 01 NA AT NIGHT. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1702031530-1709151530EST.

FDC 7/0917 I43 IAP JAMES A RHODES, JACKSON, OH. RNAV (GPS) RWY 19, AMDT 1C...VOR/DME-A, AMDT 2B...NOTE: CIRCLING RWY 01 NOT AUTHORIZED AT NIGHT. NOTE: RWY 01 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1702031530-1709151530EST.

KENT

Kent State Univ

FDC 6/5438 1G3 IAP KENT STATE UNIV, KENT, OH. RNAV (GPS) RWY 1, AMDT 1A...RNAV (GPS) RWY 19, AMDT 1A...NOTE: NIGHT LANDING: RWY 1 NA. 1612011821-1707131821EST.

FDC 6/4504 1G3 IAP KENT STATE UNIV, KENT, OH. VOR-A, AMDT 14...NOTE: NIGHT LANDING: RWY 1 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201949-1706011949EST.

KENTON

Hardin County

FDC 7/4515 I95 IAP HARDIN COUNTY, KENTON, OH. RNAV (GPS) RWY 22, ORIG...DELETE: DESCENT ANGLE 3.04/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701141937-1708261937EST.

LANCASTER

Fairfield County

FDC 7/4336 LHQ IAP FAIRFIELD COUNTY, LANCASTER, OH. RNAV (GPS) RWY 10, ORIG...RNAV (GPS) RWY 28, AMDT 1A...DISREGARD PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1701132202-1708252202EST.

LORAIN/ELYRIA

Lorain County Rgnl

FDC 7/0362 LPR SID LORAIN COUNTY RGNL, LORAIN/ELYRIA, OH. OBRN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/1384 LPR SID LORAIN COUNTY RGNL, LORAIN/ELYRIA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

MEDINA

Medina Muni

FDC 7/0363 1G5 SID MEDINA MUNI, MEDINA, OH. OBRN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/1586 1G5 IAP MEDINA MUNI, MEDINA, OH. RNAV (GPS) RWY 27, ORIG-A...RNAV (GPS) RWY 9, ORIG-B...DISREGARD NOTE: 3.04/TCH 40 CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1611202305-1707022305EST.

FDC 6/1382 1G5 SID MEDINA MUNI, MEDINA, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

MIDDLEFIELD

Geauga County

FDC 7/0364 7G8 SID GEAUGA COUNTY, MIDDLEFIELD, OH. OBRLN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

MIDDLETOWN

Middletown Regional/Hook Field

FDC 6/1204 MWO IAP MIDDLETOWN REGIONAL/HOOK FIELD, MIDDLETOWN, OH. LOC RWY 23, AMDT 7G...S-LOC 23 MDA 1220/HAT 570 ALL CATS. VIS CATS C/D 1 5/8. CIRCLING VIS CAT A 1 1/4. 1609301518-1705121518EST.

MOUNT GILEAD

Morrow County

FDC 6/1254 419 IAP MORROW COUNTY, MOUNT GILEAD, OH. VOR-A, AMDT 4...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611201542-1707021542EST.

MOUNT VERNON

Knox Community Hospital

FDC 6/6895 OH04 SPECIAL KNOX COMMUNITY HOSPITAL, MOUNT VERNON, OH. COPTER RNAV (GPS) 140, ORIG...IFR DEPARTURE NA. 1610111616-1705231616EST.

NEW LEXINGTON

Perry County

FDC 6/2405 I86 IAP PERRY COUNTY, NEW LEXINGTON, OH. RNAV (GPS) RWY 26, ORIG-A...VOR/DME RWY 26, AMDT 2...PROCEDURE NA AT NIGHT. 1611031639-1706151639EST.

NEW PHILADELPHIA

Harry Clever Field

FDC 7/4456 PHD IAP HARRY CLEVER FIELD, NEW PHILADELPHIA, OH. VOR-A, AMDT 2...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. 1701141852-1708261852EST.

FDC 7/4452 PHD IAP HARRY CLEVER FIELD, NEW PHILADELPHIA, OH. RNAV (GPS) RWY 14, ORIG-B...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT. NOTE: PROCEDURE NA AT NIGHT. 1701141849-1708261849EST.

NEWARK

Newark-Heath

FDC 6/7422 VTA IAP NEWARK-HEATH, NEWARK, OH. VOR-A, AMDT 13...NOTE: CIRCLING RWY 9 NA AT NIGHT. 1609231812-1705051812EST.

FDC 6/5204 VTA IAP NEWARK-HEATH, NEWARK, OH. LOC RWY 9, ORIG...NOTE: STRAIGHT-IN RWY 9 NA AT NIGHT, CIRCLING RWY 9 NA AT NIGHT. NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612272234-1708082234EST.

FDC 6/5202 VTA ODP NEWARK-HEATH, NEWARK, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKE-OFF MINIMUMS RWY 27: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 1200, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1600 FEET PRIOR TO DER. ALL OTHER DATA REMAINS AS PUBLISHED. 1612272233-1708082233EST.

PAINESVILLE

Concord Airpark

FDC 7/0365 2G1 SID CONCORD AIRPARK, PAINESVILLE, OH. OBRLN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/1386 2G1 SID CONCORD AIRPARK, PAINESVILLE, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

PORTSMOUTH

Southern Ohio Rgnl Medical Center

FDC 6/8246 OH62 SPECIAL SOUTHERN OHIO RGNL MEDICAL CENTER, PORTSMOUTH, OH. COPTER RNAV (GPS) 165, ORIG...PROCEDURE NA. IFR DEPARTURE NA. 1610121914-1705241914EST.

SEBRING

Tri-City

FDC 6/8660 3G6 IAP TRI-CITY, SEBRING, OH. VOR OR GPS RWY 17, AMDT 3C...S-17 VISIBILITY CAT C 1 3/8 MILE. MISSED APPROACH: CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT ACO VOR/DME AND HOLD. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612072245-1707192245EST.

SHELBY

Shelby Community

FDC 6/0502 12G IAP SHELBY COMMUNITY, SHELBY, OH. VOR-A, AMDT 5...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ADD NOTE: PROCEDURE NA AT NIGHT. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. ADD NOTE: CIRCLING TO RWY 3, 21 NA. 1609291531-1705111531EST.

SPRINGFIELD

Springfield-Beckley Muni

FDC 6/1454 SGH IAP SPRINGFIELD-BECKLEY MUNI, SPRINGFIELD, OH. VOR/DME RWY 33, ORIG...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609301930-1705121930EST.

STEUBENVILLE

Trinity Medical Center West

FDC 6/4436 80I4 SPECIAL TRINITY MEDICAL CENTER WEST, STEUBENVILLE, OH. COPTER RNAV (GPS) 293, ORIG...IFR DEPARTURE NA. 1610201757-1706011757EST.

TIFFIN

Seneca County

FDC 6/5216 16G IAP SENECA COUNTY, TIFFIN, OH. NDB RWY 24, AMDT 7C...S-24 MDA 1480/HAT 695 ALL CATS. CAT C VIS 2. CIRCLING MDA 1480/HAA 694 ALL CATS. CAT C VIS 2, CAT D VIS 2 1/4. FINDLEY ALTIMETER SETTING: S-24 MDA 1540/HAT 755 ALL CATS. CAT B VIS 1 1/4, CAT D VIS 2. CIRCLING MDA 1540/HAA 754 ALL CATS. CAT B VIS 1 1/4, CAT C VIS 2 1/4, CAT D VIS 2 1/2. NOTE: RWY 24 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612272239-1708082239EST.

FDC 6/1300 16G IAP SENECA COUNTY, TIFFIN, OH. RNAV (GPS) RWY 6, ORIG-A...DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 6 NA AT NIGHT. 1611021503-1706141503EST.

TOLEDO

Toledo Executive

FDC 7/6409 TDZ IAP TOLEDO EXECUTIVE, TOLEDO, OH. VOR RWY 4, AMDT 9D...DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: CIRCLING RWY 14 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701202106-1709012106EST.

FDC 7/6045 TDZ CHART TOLEDO EXECUTIVE, TOLEDO, OH. RNAV (GPS) RWY 32, AMDT 1...CORRECT MINIMA: CHANGE MINIMA CATEGORY TO READ LPV DA INSTEAD OF LP DA . 1701191831-PERM.

FDC 7/2070 TDZ IAP TOLEDO EXECUTIVE, TOLEDO, OH. RNAV (GPS) RWY 4, ORIG-A...NOTE: CIRCLING RWY 14 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1702072123-1709192123EST.

FDC 6/4419 TDZ ODP TOLEDO EXECUTIVE, TOLEDO, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKE-OFF MINIMUMS: RWY 4, STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 2100. DEPARTURE PROCEDURE: NOTE: RWY 4, LT 11 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/621 FT MSL. SIGN 22 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/622 FT MSL. RR, POLE BEGINNING 284 FT FROM DER, 186 FT RIGHT OF CENTERLINE, UP TO 646 FT MSL. TREES, POLE, RR BEGINNING 372 FT FROM DER, 95 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. TREE 392 FT FROM DER, 315 FT RIGHT OF CENTERLINE, 656 FT MSL. TREES, RR BEGINNING 403 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL. RR 489 FT FROM DER, 164 FT LEFT OF CENTERLINE, 647 FT MSL. TREES, RR, BEGINNING 558 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 651 FT MSL. TREE 636 FT FROM DER, 426 FT RIGHT OF CENTERLINE, 668 FT MSL. TREES BEGINNING 639 FT FROM DER, 437 FT RIGHT OF CENTERLINE, UP TO 679 FT MSL. TREES BEGINNING 785 FT FROM DER, 412 FT RIGHT OF CENTERLINE, UP TO 681 FT MSL. TREES, POLE, BEGINNING 1096 FT FROM DER, 162 FT RIGHT OF CENTERLINE, UP TO 694 FT MSL. TREES BEGINNING 1996 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 680 FT MSL. OL ON TWR, 3310 FT FROM DER, 1030 FT LEFT OF CENTERLINE, UP TO 761 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1610201748-1706011748EST.

Toledo Express

FDC 7/9322 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. ILS OR LOC RWY 25, AMDT 8...MIKIE FIX MINIMUMS: CIRCLING CAT A/B MDA 1200/HAA 517. VGS1 AND GLIDEPATH NOT COINCIDENT. 1701311656-1709121654EST.

FDC 7/8813 TOL ODP TOLEDO EXPRESS, TOLEDO, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2.NOTE: RWY 7, TREE 1339 FT FROM DER, 667 FT LEFT OF CENTERLINE, 700 FT MSL. TREES, BEGINNING 1902 FT FROM DER, 800 FT RIGHT OF CENTERLINE, UP TO 741 FT MSL. TREE 2393 FT FROM DER, 851 FT LEFT OF CENTERLINE, 734 FT MSL. TREE 2605 FT FROM DER, 1046 FT LEFT OF CENTERLINE, 756 FT MSL. NOTE: RWY 16, GRD 59 FT FROM DER, 496 FT LEFT OF CENTERLINE, 671 FT MSL. TREES, BEGINNING 617 FT FROM DER, 619 FT RIGHT OF CENTERLINE, UP TO 739 FT MSL. TREES, BEGINNING 719 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 752 FT MSL. TREE 985 FT FROM DER, 479 FT LEFT OF CENTERLINE, 694 FT MSL. TREE 1020 FT FROM DER, 518 FT LEFT OF CENTERLINE, 714 FT MSL. TREE 1043 FT FROM DER, 571 FT LEFT OF CENTERLINE, 730 FT MSL. TREE 1139 FT FROM DER, 711 FT LEFT OF CENTERLINE, 732 FT MSL. TREE 1279 FT FROM DER, 806 FT LEFT OF CENTERLINE, 745 FT MSL. TREE 1318 FT FROM DER, 689 FT LEFT OF CENTERLINE, 753 FT MSL. TREES, BEGINNING 1388 FT FROM DER, 648 FT LEFT OF CENTERLINE, UP TO 757 FT MSL. TREES, BEGINNING 1491 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 758 FT MSL. TREES, BEGINNING 2607 FT FROM DER, 155 FT RIGHT OF CENTERLINE, UP TO 765 FT MSL. TREES, BEGINNING 2704 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 767 FT MSL. TREES, BEGINNING 3028 FT FROM DER, 45 ALL OTHER DATA REMAINS AS PUBLISHED. FDC 7/8813 TOL ODP TOLEDO EXPRESS, TOLEDO, OH. FT RIGHT OF CENTERLINE, UP TO 786 FT MSL. NOTE: RWY 25, BUSH 245 FT FROM DER, 473 FT RIGHT OF CENTERLINE, 692 FT MSL. BUSH 486 FT FROM DER, 527 FT RIGHT OF CENTERLINE, 695 FT MSL. TREE 2214 FT FROM DER, 869 FT RIGHT OF CENTERLINE, 746 FT MSL. TREE 2361 FT FROM DER, 908 FT LEFT OF CENTERLINE, 780 FT MSL. NOTE: RWY 34, POLE, BEGINNING 445 FT FROM DER, 539 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/713 FT MSL. POLE, BEGINNING 632 FT FROM DER, 539 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/714 FT MSL. POLE, TREE, BEGINNING 703 FT FROM DER, 521 FT LEFT OF CENTERL

FDC 7/8809 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RADAR RWY 16 - MAP 0.5, AMDT 19B...RADAR RWY 25 - MAP 0.5, AMDT 19B...RADAR RWY 34 - MAP 0.5, AMDT 19B...RADAR RWY 7 - MAP 0.5, AMDT 19B...CIRCLING CAT A/B/C MDA 1200/HAA 517. NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701291620-1709101620EST.

FDC 7/8807 TOL IAP U.S. DOD TOLEDO EXPRESS, TOLEDO, OH. HI TACAN RWY 7, AMDT 6A...CIRCLING CAT C MDA 1200/HAA 517. NOTE: WHEN ALS INOP, INCREASE CAT E VIS TO 1-3/8 MILE. 1701291618-1709101618EST.

FDC 7/8805 TOL IAP U.S. DOD TOLEDO EXPRESS, TOLEDO, OH. HI ILS OR LOC RWY 25, AMDT 5...MIKIE INT MINIMUMS: CIRCLING CAT C MDA 1200/HAA 517. S-LOC 25: MISSED APPROACH POINT 4.45 MILES AFTER HYMLI OM/TOL 5.11 DME OR AT TOL 0.67 DME. DISTANCE FAF TO MAP 4.45 NM. TIME/DISTANCE TABLE: 120 KTS, 2:14; 140 KTS, 1:54; 160 KTS, 1:40; 180 KTS, 1:29; 200 KTS, 1:20. 1701291617-1709101617EST.

FDC 7/8803 TOL IAP U.S. DOD TOLEDO EXPRESS, TOLEDO, OH. HI ILS OR LOC RWY 7, AMDT 8...HI TACAN RWY 25, AMDT 4A...CIRCLING CAT C MDA 1200/HAA 517. 1701291615-1709101615EST.

FDC 7/8801 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RNAV (GPS) RWY 34, ORIG-A...CIRCLING CAT A/B/C MDA 1200/HAA 517. NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. 1701291614-1709101614EST.

FDC 7/8799 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RNAV (GPS) RWY 25, AMDT 2A...CIRCLING CAT A/B/C MDA 1200/HAA 517. DISREGARD PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT CRL VORTAC VIA V65 NORTHWEST BOUND & PROCEDURE NA FOR ARRIVALS AT VWV VORTAC VIA V-30-126 WESTBOUND. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CRL VORTAC AIRWAY RADIALS 159 CW 265. PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON VWV VOR/DME AIRWAY RADIALS 308 CW 115. 1701291613-1709101613EST.

FDC 7/8793 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RNAV (GPS) RWY 16, ORIG...LNAV MDA 1060/HAT 386 ALL CATS, VIS CAT C 1 1/8. CIRCLING CAT A/B/C MDA 1200/HAA 516. NOTE: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701291610-1709101609EST.

FDC 7/8791 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. RNAV (GPS) RWY 7, AMDT 1A...CIRCLING CAT A/B/C MDA 1200/HAA 516. 1701291608-1709101608EST.

FDC 7/8789 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. VOR/DME RWY 34, AMDT 7B...CIRCLING CAT A/B/C MDA 1200/HAA 516. NOTE: STRAIGHT-IN TO RWY 34 NA AT NIGHT, CIRCLING RWY 34 NA AT NIGHT. NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701291606-1709101606EST.

FDC 7/8783 TOL IAP TOLEDO EXPRESS, TOLEDO, OH. ILS OR LOC RWY 7, AMDT 28...CIRCLING CAT A/B/C MDA 1200/HAA 517. 1701291559-1709101559EST.

TROY

Upper Valley Medical Center

FDC 6/0108 00H4 SPECIAL UPPER VALLEY MEDICAL CENTER, TROY, OH. COPTER RNAV (GPS) 20, ORIG...PROCEED VISUALLY NA. PROCEED VFR FROM WINIS OR CONDUCT THE SPECIFIED MISSED APPROACH. 1610312129-1706122129EST.

UPPER SANDUSKY

Wyandot County

FDC 7/8544 56D IAP WYANDOT COUNTY, UPPER SANDUSKY, OH. VOR-A, AMDT 3C...YEVUN FIX MINIMUMS (DME REQUIRED): CIRCLING CATS A/B/C MDA 1440/ HAA 610, CAT D MDA 1500/ HAA 670, VISIBILITY CAT C 1 3/4. TEMPORARY CRANES 1075 MSL BEGINNING 4603FT SOUTHWEST OF 56D AIRPORT (2017-AGL-656-OE THROUGH 2017-AGL-659-OE). 1701271811-1709081811EST.

WADSWORTH

Wadsworth Muni

FDC 7/4324 3G3 IAP WADSWORTH MUNI, WADSWORTH, OH. RNAV (GPS) RWY 2, AMDT 1...RNAV (GPS) RWY 20, AMDT 1...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1701132155-1708252155EST.

FDC 7/4322 3G3 IAP WADSWORTH MUNI, WADSWORTH, OH. VOR/DME-A, AMDT 2...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1701132152-1708252152EST.

WASHINGTON COURT HOUSE

Fayette County Memorial Hospital

FDC 6/6891 110H SPECIAL FAYETTE COUNTY MEMORIAL HOSPITAL, WASHINGTON COURT HOUSE, OH. COPTER RNAV (GPS) 305, ORIG...IFR DEPARTURE NA. 1610111614-1705231614EST.

WILLOUGHBY

Willoughby Lost Nation Muni

FDC 7/0366 LNN SID WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. OBR LN FOUR DEPARTURE...BRICKYARD AND MUNCIE TRANSITIONS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MIE VOR/DME OUT OF SERVICE. 1702021601-1703021601EST.

FDC 6/1380 LNN SID WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. AMRST FIVE DEPARTURE...CARLETON TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRL VORTAC UNUSABLE BEYOND 40 NM. 1611021533-1706141533EST.

WILMINGTON

Wilmington Air Park

FDC 6/4981 ILN IAP WILMINGTON AIR PARK, WILMINGTON, OH. ILS OR LOC RWY 4L, AMDT 4B...RADAR OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. SGH R-161 UNUSABLE AT BUNSS INT. 1610212020-1706022020EST.

FDC 6/4191 ILN IAP WILMINGTON AIR PARK, WILMINGTON, OH. ILS OR LOC RWY 22L, ORIG-B...ILS OR LOC RWY 4R, ORIG-B...ILS RWY 22L (CAT II), ORIG-B...PROCEDURE NA. MXQ VOR UNUSABLE R-050-169 AND R-170-200. 1608151716-1703271716EST.

YOUNGSTOWN

Youngstown Elser Metro

FDC 6/8611 4G4 IAP YOUNGSTOWN ELSER METRO, YOUNGSTOWN, OH. RNAV (GPS) RWY 10, ORIG-B...RNAV (GPS) RWY 28, ORIG-B...CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: PROCEDURE NA AT NIGHT. 1612072221-1707192221EST.

ZANESVILLE

Bethesda Hospital Helistop

FDC 7/4353 40H2 IAP BETHESDA HOSPITAL HELISTOP, ZANESVILLE, OH. COPTER RNAV (GPS) 160, AMDT 1...PROCEDURE NA. 1701132216-1708252216EST.

OKLAHOMA

ADA

Ada Muni

FDC 6/2644 ADH ODP ADA MUNI, ADA, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...CHANGE ALL REFERENCES FROM RWY 17/35 TO RWY 18/36. ALL OTHER DATA REMAINS AS PUBLISHED. 1611232109-1707052109EST.

FDC 6/2641 ADH IAP ADA MUNI, ADA, OK. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG-A...VOR/DME RWY 17, AMDT 1D...CHANGE ALL REFERENCES FROM RWY 17/35 TO RWY 18/36.. 1611232108-1707052108EST.

ARDMORE

Ardmore Downtown Executive

FDC 6/4168 1F0 IAP ARDMORE DOWNTOWN EXECUTIVE, ARDMORE, OK. RNAV (GPS) RWY 17, ORIG-B...DESCENT ANGLE 3.00/TCH 40 NA. 1612202223-1708012223EST.

Ardmore Muni

FDC 6/1333 ADM IAP ARDMORE MUNI, ARDMORE, OK. RNAV (GPS) RWY 31, AMDT 1B...LPV DA 994/HAT 261, VIS 1 ALL CATS. CIRCLING CAT C MDA 1440/HAA 663. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ARDMORE DOWNTOWN EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 35 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. 1611201901-1707021901EST.

FDC 6/1331 ADM IAP ARDMORE MUNI, ARDMORE, OK. ILS OR LOC RWY 31, AMDT 5B...S-ILS DA 994/HAT 261, VIS 1 ALL CATS. ALL CIRCLING CAT C MDA 1440/HAA 663. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ARDMORE DOWNTOWN EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 35 FEET AND ALL MDA 40 FEET; INCREASE ALL S-LOC CATS C AND D VISIBILITIES 1/8 MILE AND ALL CIRCLING CATS C AND D VISIBILITIES 1/4 MILE. 1611201900-1707021900EST.

BOISE CITY

Boise City

FDC 6/2506 17K IAP BOISE CITY, BOISE CITY, OK. RNAV (GPS) RWY 4, ORIG...NOTE: NIGHT LANDING: RWY 4 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. DESCENT ANGLE 3.00/TCH 40 NA. 1609151356-1704271356EST.

BURNS FLAT

Clinton-Sherman

FDC 7/1906 CSM IAP CLINTON-SHERMAN, CLINTON, OK. ILS OR LOC RWY 17R, AMDT 7B...TACAN AIRCRAFT: PROCEDURE NA. 1701062008-1708182008EST.

FDC 6/2626 CSM IAP CLINTON-SHERMAN, CLINTON, OK. ILS OR LOC RWY 17R, AMDT 7B...BFV VORTAC HOLDING: HOLD S, LEFT TURNS, 358 INBOUND. 1611232101-1707052101EST.

FDC 6/2609 CSM IAP U.S. DOD CLINTON-SHERMAN, CLINTON, OK. HI VOR/DME OR TACAN RWY 17R, AMDT 2...CHANGE FINAL COURSE FROM 174 TO 177. CHANGE FINAL RADIAL FROM R-354 TO R-357. TERMINAL ROUTE FROM CANTO TO WEROS CHANGE HEADING AND RADIAL FROM 033 TO 036. CANTO HOLDING: HOLD SW, LEFT TURNS, 036 INBOUND. CHANGE LEAD RADIAL FROM LR-360 TO LR-003. 1611232058-1707052058EST.

CHANDLER

Chandler Rgnl

FDC 7/2083 CQB IAP CHANDLER RGNL, CHANDLER, OK. RNAV (GPS) RWY 35, AMDT 1...APT ELEV 985. TDZE 985. LNAV/VNAV NA. LNAV MDA 1320/HAT 335 ALL CATS. CIRCLING CAT A HAA 395, CAT B HAA 455, CAT C MDA 1600/HAA 615, CAT C VIS 1 3/4. CHANGE LOCAL ALTIMETER SETTING NOT RECEIVED NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHAWNEE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT; INCREASE LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. 1702072131-1709192131EST.

FDC 7/2081 CQB ODP CHANDLER RGNL, CHANDLER, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 17, BUSH 15 FT FROM DER, 459 FT LEFT OF CENTERLINE, 988 FT MSL. TREES AND GRD BEGINNING 18 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/1012 FT MSL. TREE 78 FT FROM DER, 292 FT RIGHT OF CENTERLINE, 47 FT AGL/1013 FT MSL. TREES BEGINNING 102 FT FROM DER, 254 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/1016 FT MSL. POWER LINE AND TREES BEGINNING 103 FT FROM DER, 456 FT LEFT OF CENTERLINE, UP TO 1007 FT MSL. NOTE: RWY 35, TREE 20 FT FROM DER, 188 FT LEFT OF CENTERLINE, 15 FT AGL/965 FT MSL. TREE 32 FT FROM DER, 100 FT RIGHT OF CENTERLINE, 964 FT MSL. TREE 329 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 976 FT MSL. TREES BEGINNING 708 FT FROM DER, 510 FT LEFT OF CENTERLINE, UP TO 985 FT MSL. TREE 717 FT FROM DER, 503 FT RIGHT OF CENTERLINE, 982 FT MSL. 1702072129-1709192129EST.

CHICKASHA

Chickasha Muni

FDC 6/1579 CHK IAP CHICKASHA MUNI, CHICKASHA, OK. RNAV (GPS) RWY 18, AMDT 1A...RNAV (GPS) RWY 36, AMDT 1A...NOTE: CIRCLING NA TO RWYS 1, 2, 19 AND 20. 1611202259-1707022259EST.

CLINTON

Clinton Rgnl

FDC 7/0383 CLK IAP CLINTON RGNL, CLINTON, OK. RNAV (GPS) RWY 17, AMDT 2A...LPV DA 1866/HAT 250, VISIBILITY 7/8 SM ALL CATS. 1701032114-1708152114EST.

FDC 6/2629 CLK IAP CLINTON RGNL, CLINTON, OK. VOR/DME-A, ORIG...CHANGE MISSED APPROACH TO READ: CLIMBING RIGHT TURN TO 3900 VIA HEADING 250 AND BFV R-032 TO WIMIS/BFV 8.6 DME AND HOLD. CHANGE FINAL COURSE AND RADIAL FROM 029 TO 032. WIMIS INT HOLDING: HOLD SW, RIGHT TURNS, 032 INBOUND. 1611232102-1707052102EST.

DURANT

Durant Rgnl - Eaker Field

FDC 7/4485 DUA IAP DURANT RGNL - EAKER FIELD, DURANT, OK. VOR/DME RWY 35, AMDT 1...CIRCLING CATS A/B/C MDA 1180/HAT 482. BUILDING, 40-029288, 873 MSL, 1.11 NM NW OF KDUA, 40-029288. 1701141914-1708261914EST.

ENID

Enid Woodring Rgnl

FDC 7/4845 WDG IAP ENID WOODRING RGNL, ENID, OK. ILS OR LOC RWY 35, AMDT 6...CIRCLING CATS A/B/C MDA 1860/HAA 693. VISIBILITY CAT C 2. NOTE: CIRCLING RWY 13 NA AT NIGHT. TEMPORARY CRANE, 1500 MSL, 1.23 NM EAST OF AIRPORT. (2015-ASW-544-OE). 1701171433-1708311433EST.

FDC 7/4216 WDG IAP ENID WOODRING RGNL, ENID, OK. VOR RWY 35, AMDT 15...CIRCLING MDA 1860/HAA 693 CATS A/B/C. VIS CAT C 2. TEMPORARY CRANE, 1500 MSL, 1.23 NM EAST OF AIRPORT. 1701131724-1702141724EST.

FDC 7/4214 WDG IAP ENID WOODRING RGNL, ENID, OK. RNAV (GPS) RWY 35, AMDT 1...CIRCLING MDA 1860/HAA 693 CATS A/B/C. VIS CAT C 2. PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LNAV CAT C/D VISIBILITY TO 1 3/8 SM. TEMPORARY CRANE, 1500 MSL, 1.23 NM EAST OF AIRPORT. 1701131723-1702141723EST.

FDC 7/4212 WDG IAP ENID WOODRING RGNL, ENID, OK. RNAV (GPS) RWY 17, ORIG-A...VOR RWY 17, AMDT 13...CIRCLING MDA 1860/HAA 693 ALL CATS. VIS CAT C 2, CAT D 2 1/4. NOTE: NIGHT LANDING: RWY 13 NA. TEMPORARY CRANE, 1500 MSL, 1.23 NM EAST OF AIRPORT. 1701131721-1702141721EST.

HENRYETTA

Henryetta Muni

FDC 6/4700 F10 IAP HENRYETTA MUNI, HENRYETTA, OK. NDB RWY 36, AMDT 3...RNAV (GPS) RWY 36, ORIG-B...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609191804-1705011803EST.

HOBART

Hobart Rgnl

FDC 6/0598 HBR IAP HOBART RGNL, HOBART, OK. VOR RWY 35, AMDT 9...CIRCLING CAT D MDA 2140/HAA 576. 1610141737-1705261737EST.

FDC 6/0591 HBR IAP HOBART RGNL, HOBART, OK. RNAV (GPS) RWY 17, AMDT 2...RNAV (GPS) RWY 35, AMDT 2...CIRCLING CAT D MDA 2140/HAA 577. 1610141736-1705261736EST.

HOLDENVILLE

Holdenville Muni

FDC 6/8348 F99 IAP HOLDENVILLE MUNI, HOLDENVILLE, OK. RNAV (GPS) RWY 35, ORIG...NOTE: NIGHT LANDING: RWY 35 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609262126-1705082126EST.

FDC 6/8346 F99 IAP HOLDENVILLE MUNI, HOLDENVILLE, OK. NDB RWY 17, AMDT 4A...RNAV (GPS) RWY 17, ORIG...NOTE: NIGHT LANDING: RWY 35 NA. 1609262124-1705082124EST.

KETCHUM

South Grand Lake Rgnl

FDC 6/7787 1K8 IAP SOUTH GRAND LAKE RGNL, KETCHUM, OK. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1611151330-1706271330EST.

MADILL

Madill Muni

FDC 7/4278 1F4 IAP MADILL MUNI, MADILL, OK. RNAV (GPS) RWY 18, ORIG...LNAV CATS A/B MDA 1320/HAT 430. DISREGARD NOTE: GPS OR RNP-0.3 REQUIRED. NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL DEPICTING 34:1 IS CLEAR. 1701132103-1708252103EST.

FDC 6/1450 1F4 IAP MADILL MUNI, MADILL, OK. VOR/DME-A, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611202004-1707022004EST.

MC ALESTER

Mc Alester Rgnl

FDC 6/4837 MLC IAP MC ALESTER RGNL, MC ALESTER, OK. VOR/DME RWY 20, AMDT 2F...ADD PROFILE NOTE: VISUAL SEGMENT OBSTACLES. 1608302010-1704112009EST.

NORMAN

University Of Oklahoma Westheimer

FDC 6/4711 OUN SID UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. FUNNL TWO DEPARTURE (RNAV)...KRMSN TWO DEPARTURE (RNAV)...MUDDE TWO DEPARTURE (RNAV)...OLGUY TWO DEPARTURE (RNAV)...RDHWK TWO DEPARTURE (RNAV)...SSYKO TWO DEPARTURE (RNAV)...STPHN TWO DEPARTURE (RNAV)...TEBRD TWO DEPARTURE (RNAV)...THRPE TWO DEPARTURE (RNAV)...TRUPR TWO DEPARTURE (RNAV)...WENDY TWO DEPARTURE (RNAV)...TAKE-OFF MINIMUMS RWY 36, 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 1700. NOTE: RWY 36, CRANE, 1 3/8 MILE FROM DEPARTURE END OF RWY, 2668 FT LEFT OF CENTERLINE, 300 FT AGL/1479 FT MSL, 2016-ASW-7595-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1610061144-1705181144EST.

FDC 6/4708 OUN ODP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1A...TAKE-OFF MINIMUMS RWY 36, 300 - 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 1700. NOTE: RWY 36, CRANE, 1 3/8 MILE FROM DEPARTURE END OF RWY, 2668 FT LEFT OF CENTERLINE, 300 FT AGL/1479 FT MSL, 2016-ASW-7595-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1610061144-1705181144EST.

FDC 6/4707 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. ILS OR LOC RWY 18, AMDT 2A...CIRCLING CAT B MDA 1840/HAA 658. JIXPU FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) CIRCLING CAT A MDA 1740/HAA 559, CAT B MDA 1840/HAA 658. CRANE, 1479 MSL, 2.09 NM NORTH OF KOUN, 2016-ASW-7595-OE. CRANE, 1384 MSL, 3199 FT NW OF KOUN, 2016-ASW-5329-OE. 1610061144-1705181144EST.

FDC 6/4705 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. LOC RWY 3, AMDT 4...RNAV (GPS) RWY 3, AMDT 2B...RNAV (GPS) RWY 36, ORIG-B...CIRCLING CAT A MDA 1740/HAA 559, CAT B MDA 1840/HAA 658. CRANE, 1479 MSL, 2.09 NM NORTH OF KOUN, 2016-ASW-7595-OE. CRANE, 1384 MSL, 3199 FT NW OF KOUN, 2016-ASW-5329-OE. 1610061144-1705181144EST.

FDC 6/4703 OUN IAP UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. RNAV (GPS) RWY 18, AMDT 2...LNAV/VNAV DA 1858/HAT 676 ALL CATS. VIS 1 7/8 ALL CATS. LNAV MDA 1780/HAT 598 ALL CATS. VIS CATS C/D 1 1/4. CIRCLING CAT A MDA 1780/HAA 598, CAT B 1840/HAA 658. VDP: 1.70 NM TO RW18. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE LPV DA TO 1423 FEET, LNAV/VNAV DA TO 1899 FEET; INCREASE ALL MDA 60 FEET; INCREASE LNAV CATS C/D VISIBILITY 3/8 MILE. FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 1/2 MILES AND LNAV CATS C/D VISIBILITY TO 1 7/8 MILE. CRANE, 1479 MSL, 1.45 NM NORTH OF APPROACH END RWY 18, 2016-ASW-7595-OE. CRANE, 1384 MSL, 2841 FT FT SW OF APPROACH END RWY 18, 2016-ASW-5329-OE. 1610061144-1705181144EST.

OKLAHOMA CITY

Sundance

FDC 6/8727 HSD IAP SUNDANCE, OKLAHOMA CITY, OK. RNAV (GPS) RWY 35, AMDT 1A...LPV DA NA. LNAV/VNAV DA NA. 1610131235-1705251235EST.

Wiley Post

FDC 7/6254 PWA IAP WILEY POST, OKLAHOMA CITY, OK. VOR RWY 35R, AMDT 3D...S-35R MDA 1800/HAT 501 ALL CATS. VDP AT PWA VOR/DME 1.86 DME; DISTANCE VDP TO THLD 1.41 MILES. CIRCLING CATS A/B MDA 1860/HAA 560. CRANE, 1498 MSL, 5577 FT SE OF APPROACH END RWY 35R, (2016-ASW-11544-OE). 1701201259-1705011259EST.

FDC 7/6253 PWA IAP WILEY POST, OKLAHOMA CITY, OK. RNAV (GPS) RWY 35R, ORIG-A...RNAV MDA 1800/HAT 501 ALL CATS. VIS CAT C 1. CIRCLING CATS A/B MDA 1860/HAA 560. CRANE, 1498 MSL, 5577 FT SE OF APPROACH END RWY 35R, (2016-ASW-11544-OE). 1701201259-1705011259EST.

FDC 7/6252 PWA IAP WILEY POST, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 11A...ILS OR LOC RWY 35R, ORIG-A...RNAV (GPS) RWY 17L, AMDT 2A...RNAV (GPS) RWY 17R, ORIG...RNAV (GPS) RWY 35L, ORIG...RNAV (GPS) RWY 35R, ORIG-A...VOR RWY 17L, AMDT 11B...VOR-A, AMDT 2B...CIRCLING CATS A/B MDA 1860/HAA 560. CRANE, 1498 MSL, 1.46 NM SE OF KPWA, (2016-ASW-11544-OE). 1701201259-1705011259EST.

FDC 7/6251 PWA IAP WILEY POST, OKLAHOMA CITY, OK. RADAR RWY 35R - MAP 1.0, AMDT 2A...CIRCLING CATS A/B/C MDA 1860/HAA 560. CRANE, 1498 MSL, 1.46 NM SE OF KPWA, (2016-ASW-11544-OE). 1701201259-1705011259EST.

FDC 6/6290 PWA IAP WILEY POST, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 11A...NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 47). 1612051527-1707171527EST.

Will Rogers World

FDC 7/8934 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. VOR RWY 17L, AMDT 2...AIRPORT ELEVATION: 1296. 1701292235-1709102235EST.

FDC 6/9867 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RADAR 1, AMDT 21A...ASR 17R MDA 1760/ HATH 478 ALL CATS. VIS CATS C/D/E RVR 5000. FOR INOPERATIVE MALSR, INCREASE S-17R CAT C/D/E VIS TO 1 3/8 MILE. CIRCLING CATS A/B MDA 1800/HAA 504. 2014-ASW-4425-OE.. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1610141214-1705261214EST.

FDC 6/9860 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RADAR 1, AMDT 21A...ASR RWY 17L MDA 1760/HAT 473 ALL CATS. VIS CATS C/D/E RVR 5000.. CIRCLING CAT A MDA 1760/HAA 464. CHANGE MISSED APPROACH TO: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 ON IRW VORTAC R-263 TO JESKE INT/IRW 11.98 DME AND HOLD W, RT, 083.10 INBOUND. CRANE, 1453 MSL, 2.29 NM NORTH OF APPROACH END RWY 17L, 2016-ASW-5967-OE. 1610141211-1705261211EST.

FDC 6/9781 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RNAV (GPS) RWY 13, AMDT 3B...LP MDA 1760/ HATH 481 ALL CATS. VIS CATS C/D 1 3/8. LNAV MDA 1760/ HATH 481 ALL CATS, VIS CATS C/D 1 3/8. 2014-ASW-4425-OE. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1610311846-1706121846EST.

FDC 6/9500 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. VOR RWY 17L, AMDT 2...LANBY FIX MINIMUMS CIRCLING CATS A/B/C MDA 1800/ HAA 504. CHANGE MISSED APPROACH HOLDING TO: HOLD SW JESKE INT/PWA 14.53 DME, RIGHT TURNS, 036.15 INBOUND. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 2014-ASW-4425-OE. 1610311347-1706121347EST.

FDC 6/9498 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 3B...ILS OR LOC RWY 17R, AMDT 12B...ILS OR LOC/DME RWY 35L, AMDT 2B...ILS OR LOC/DME RWY 35R, AMDT 10B...RNAV (GPS) RWY 13, AMDT 3B...RNAV (GPS) RWY 31, AMDT 1B...RNAV (GPS) Y RWY 17L, AMDT 3B...RNAV (GPS) Y RWY 17R, AMDT 4B...RNAV (GPS) Y RWY 35L, AMDT 4A...RNAV (GPS) Y RWY 35R, AMDT 3B...CIRCLING CATS A/B MDA 1800/HAA 504. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 2014-ASW-4425-OE. 1610311347-1706121347EST.

FDC 6/9497 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17R, AMDT 12B...COTOX FIX MINIMUMS: CIRCLING CATS A/B MDA 1800/HAA 504. RIG 1443FT MSL 170FT AGL 2.11NM NW OF AIRPORT. 1610311347-1706121347EST.

FDC 6/9495 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. RADAR 1, AMDT 21A...CIRCLING CATS A/B MDA 1800/ HAA 504. RIG, 1443FT MSL, 2.11NM NW OF AIRPORT, 2014-ASW-4425-OE. 1610311347-1706121347EST.

FDC 6/6639 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. VOR RWY 17L, AMDT 2...LANBY FIX MINIMUMS: S-17L MDA 1760/HAT 474 ALL CATS. VIS CATS C/D 1 3/8. CHANGE MISSED APPROACH TO: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 VIA IRW VORTAC R-263 TO JESKE INT AND HOLD. CRANE, 1453 MSL, 2.29 NM NORTH OF APPROACH END RWY 17L, 2016-ASW-5967-OE. 1609221213-1707291213EST.

FDC 6/4122 OKC IAP WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 3B...DISREGARD OM INDICATIONS.. 1612202138-1708012138EST.

POTEAU

Robert S Kerr

FDC 6/1443 RKR IAP ROBERT S KERR, POTEAU, OK.
VOR/DME-A, ORIG-A...PROCEDURE NA.
1611202000-1707022000EST.

SEMINOLE

Seminole Muni

FDC 7/4320 SRE IAP SEMINOLE MUNI, SEMINOLE,
OK. NDB RWY 16, AMDT 4...RNAV (GPS) RWY 16,
AMDT 1...NOTE: PROCEDURE NA AT NIGHT. NOTE:
CIRCLING TO RWY 5, 23 NA.
1701132151-1708252151EST.

STIGLER

Stigler Rgnl

FDC 7/4231 GZL IAP STIGLER RGNL, STIGLER, OK.
RNAV (GPS) RWY 17, ORIG-A...LNAV CATS A/B MDA
1100/HAT 501. VDP 1.45 NM TO RW17.
CONSTRUCTION EQUIPMENT, 782 MSL, 2816 FT NE
OF APPROACH END RWY 17, 2015-ASW-7309-OE.
1701131745-1802011744EST.

FDC 6/7341 GZL IAP STIGLER RGNL, STIGLER, OK.
RNAV (GPS) RWY 35, AMDT 1A...LNAV/VNAV CAT
A-B DA 867/HAT 267. 1612061913-1707181913EST.

FDC 6/2607 GZL IAP STIGLER RGNL, STIGLER, OK.
RNAV (GPS) RWY 17, ORIG-A...DESCENT ANGLE
3.00/TCH 40 NA. PROCEDURE NA AT NIGHT.
1610041334-1705161334EST.

STILLWATER

Stillwater Rgnl

FDC 6/7355 SWO IAP STILLWATER RGNL,
STILLWATER, OK. ILS OR LOC RWY 17, AMDT
2B...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY
35, AMDT 1A...VOR RWY 17, AMDT 14A...CIRCLING
CAT B MDA 1560/HAA 560. CRANE 1198 MSL, 2.11 NM
SOUTH OF KSWO, 2016-ASW-3333-OE.
1610121203-1705241203EST.

FDC 6/7352 SWO IAP STILLWATER RGNL,
STILLWATER, OK. VOR/DME RWY 35, AMDT 1B...S-35
MDA 1500/HAT 534 ALL CATS. VIS CATS C/D 1 1/2.
CIRCLING CAT A MDA 1500/HAA 500, CAT B MDA
1560/HAA 560. CRANE 1198 MSL, 2.11 NM SOUTH OF
KSWO, 2016-ASW-3333-OE.
1610121200-1705241200EST.

FDC 6/2418 SWO IAP STILLWATER RGNL,
STILLWATER, OK. ILS OR LOC RWY 17, AMDT
2B...RNAV (GPS) RWY 17, ORIG-A...RNAV (GPS) RWY
35, AMDT 1A...VOR RWY 17, AMDT 14A...VOR/DME
RWY 35, AMDT 1B...CIRCLING CAT C MDA 1600/HAA
600. 1611031648-1706151648EST.

THOMAS

Thomas Muni

FDC 6/4684 104 IAP THOMAS MUNI, THOMAS, OK.
RNAV (GPS) RWY 35, ORIG...LNAV/VNAV CATS A/B
DA 2241/HAT 508. VIS CATS A/B 1 3/4. DRILLING RIG,
1908 MSL, 1.08 NM SOUTH OF APPROACH END RWY
35, (2016-ASW-7871-OE). 1612261200-1704161200EST.

TULSA

Richard Lloyd Jones Jr

FDC 7/2089 RVS SID RICHARD LLOYD JONES JR,
TULSA, OK. TULSA FIVE DEPARTURE...TAKE-OFF
MINIMUMS RWY 13, 200 - 1 1/4 OR STANDARD WITH
MINIMUM CLIMB OF 284 FT PER NM TO 900. NOTE:
RWY 13, SEVEN (7) NETTING POLES, BEGINNING
1.02 NM FROM DEPARTURE END OF RWY, 1845 FT
LEFT OF CENTERLINE, 150 AGL/771 MSL,
2015-ASW-5966 THRU 5972-OE.. ALL OTHER DATA
REMAINS AS PUBLISHED.
1702072134-1709192134EST.

FDC 6/9399 RVS ODP RICHARD LLOYD JONES JR,
TULSA, OK. TAKEOFF MINIMUMS AND (OBSTACLE)
DEPARTURE PROCEDURES AMDT 7...TAKE-OFF
MINIMUMS RWY 13, 200 - 1 1/4 OR STANDARD WITH
MINIMUM CLIMB OF 284 FT PER NM TO 900. NOTE:
RWY 13, SEVEN (7) NETTING POLES, BEGINNING
1.02 NM FROM DEPARTURE END OF RWY, 1845 FT
LEFT OF CENTERLINE, 150 AGL/771 MSL,
2015-ASW-5966 THRU 5972-OE. ALL OTHER DATA
REMAINS AS PUBLISHED.
1608231830-1704041830EST.

FDC 6/0566 RVS IAP RICHARD LLOYD JONES JR,
TULSA, OK. RNAV (GPS) RWY 19R,
ORIG-A...MINIMUM HOLDING ALT AT STEBB 2800.
1609122000-1704242000EST.

WATONGA

Watonga Rgnl

FDC 6/5101 JWG IAP WATONGA RGNL, WATONGA,
OK. RNAV (GPS) RWY 17, ORIG-A...CIRCLING CAT A
MDA 2140/ HAA 589. TEMPORARY RIG 1780 MSL
1.06NM NORTHEAST OF JWG AIRPORT
(2016-ASW-6132-OE). 1612291200-1703171200EST.

OREGON

ASTORIA

Astoria Rgnl

FDC 7/1068 AST IAP ASTORIA RGNL, ASTORIA, OR. RNAV (GPS) RWY 8, ORIG-A...LNAV MDA 520/HAT 506 ALL CATS, VISIBILITY CATS C/D 1 1/2. VDP NA. TEMPORARY CRANE 215 MSL 7396FT NORTHWEST OF RWY 8 (2016-ANM-3816-OE). 1701061300-1708171300EST.

FDC 6/1343 AST IAP ASTORIA RGNL, ASTORIA, OR. VOR RWY 8, AMDT 12...S-8 MDA 780/HAT 766 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING CAT A/B MDA 780/HAA 765, VIS CAT C 2 1/2. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT A/C VISIBILITY 1/4 MILE. ALTERNATE MINIMUMS: NA WHEN LOCAL WEATHER NOT AVAILABLE, CAT C 800-2 1/2 S-8 MDA 780/HAT 766 ALL CATS, VIS CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING CAT A/B MDA 780/HAA 765, VIS CAT C 2 1/2. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT A/C VISIBILITY 1/4 MILE. ALTERNATE MINIMUMS: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE, AND CAT C 800-2 1/2, CAT D 900-3. 1611201914-1707021914EST.

FDC 6/1340 AST IAP ASTORIA RGNL, ASTORIA, OR. RNAV (GPS) RWY 8, ORIG-A...LP MDA 420/HAT 406 ALL CATS, VIS CAT C/D 1 1/8. CHART VDP AT 1.16 MILES TO RW08. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KELSO ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE LP AND LNAV CAT C/D AND CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C 1/2 MILE. CHART FAS OBST: 164 TREE 460929N/1235433W. 1611201912-1707021912EST.

AURORA

Aurora State

FDC 6/0579 UAO IAP AURORA STATE, AURORA, OR. RNAV (GPS) RWY 35, ORIG-E...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141732-1705261732EST.

FDC 6/0470 UAO IAP AURORA STATE, AURORA, OR. LOC RWY 17, AMDT 1B...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141559-1705261559EST.

FDC 6/0455 UAO IAP AURORA STATE, AURORA, OR. RNAV (GPS) RWY 17, ORIG-D...MISSED APPROACH: CLIMB TO 4000 DIRECT DUBMY AND HOLD, CONTINUE CLIMB IN HOLD TO 4000. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141546-1705261546EST.

FDC 6/0446 UAO IAP AURORA STATE, AURORA, OR. VOR/DME-A, AMDT 3B...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 4000 DIRECT UBG VOR/DME AND HOLD, CONTINUE CLIMB IN HOLD TO 4000. 1610141544-1705261544EST.

LA GRANDE

La Grande/Union County

FDC 5/4071 LGD ODP LA GRANDE/UNION COUNTY, LA GRANDE, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF MINIMUMS: RWY 12, NA-ENVIRONMENTAL... 1509021725-1602291725EST.

ME. COPTER RNAV (GPS) 092

Swans Island

FDC 7/1551 ME73 SPECIAL SWANS ISLAND, ME. COPTER RNAV (GPS) 092, ORIG-B...TERMINAL ROUTE ADIFO (IAF) TO HUMIS (IF) 3000. TERMINAL ROUTE DORAE (IAF) TO HUMIS (IF) 3000.. MISSED APPROACH: CLIMB TO 3000 DIRECT RUEED AND HOLD 1701052145-1708172145.

MEDFORD

Rogue Valley Intl - Medford

FDC 6/0576 MFR IAP ROGUE VALLEY INTL - MEDFORD, MEDFORD, OR. RNAV (GPS) Y RWY 14, AMDT 1...LNAV MDA* VIS CATS C/D 3. LNAV MDA 3480/HAT 2177 ALL CATS. VIS CATS C/D 3. CIRCLING MDA 3480/HAA 2145 ALL CATS. ALTERNATE MINIMUMS: CATS A/B 2200-2, CATS C/D 2200-3.. DISREGARD NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 297 FEET PER NM TO 4000.. ADD NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 331 FEET PER NM TO 5400.. DISREGARD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV MDA* CAT A, LNAV MDA CAT A AND B. ADD NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV MDA* CATS A, C AND D, AND LNAV MDA ALL CATS. 1609291545-1705111545EST.

NEWPORT

Newport Muni

FDC 7/4491 ONP IAP NEWPORT MUNI, NEWPORT, OR. VOR-A, AMDT 5...CIRCLING CAT C MDA 1400/HAA 1240, CAT D MDA 1600/HAA 1440. 1701141918-1708261918EST.

FDC 7/4489 ONP IAP NEWPORT MUNI, NEWPORT, OR. RNAV (GPS) RWY 16, AMDT 1...RNAV (GPS) RWY 34, AMDT 1...VOR RWY 16, AMDT 9...CIRCLING CAT B MDA 1000/HAA 840, CAT C MDA 1400/HAA 1240, CAT D MDA 1600/HAA 1440. 1701141917-1708261917EST.

FDC 7/4487 ONP IAP NEWPORT MUNI, NEWPORT, OR. VOR RWY 16, AMDT 9...STRAIGHT-IN MINIMUMS NA. 1701141915-1708261915EST.

FDC 7/3982 ONP IAP NEWPORT MUNI, NEWPORT, OR. ILS OR LOC RWY 16, AMDT 2...CIRCLING CAT B MDA 1000/HAA 840, CAT C MDA 1400/HAA 1240, CAT D MDA 1600/HAA 1440. NOTE: GNSS-NA. 1701122259-1708242259EST.

FDC 7/2515 ONP IAP NEWPORT MUNI, NEWPORT, OR. ILS OR LOC RWY 16, AMDT 2...VOR RWY 16, AMDT 9...VOR RWY 34, AMDT 2...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ONP TACAN OUT OF SERVICE. 1702081741-1702151741EST.

FDC 6/8941 ONP IAP NEWPORT MUNI, NEWPORT, OR. VOR RWY 34, AMDT 2...PROCEDURE NA. 1609272012-1705092012EST.

NORTH BEND

Southwest Oregon Rgnl

FDC 7/5851 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. VOR/DME-B, AMDT 5...ALTERNATE MINIMUMS NA, OTH VOR/DME UNMONITORED. 1701191419-1705011419EST.

FDC 7/5850 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. VOR/DME RWY 4, AMDT 11...ALTERNATE MINIMUMS NA, OTH VOR/DME UNMONITORED. 1701191419-1705011419EST.

FDC 7/5849 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. VOR-A, AMDT 6...ALTERNATE MINIMUMS NA, OTH VOR/DME UNMONITORED. 1701191419-1705011419EST.

FDC 7/5848 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. ILS OR LOC RWY 4, AMDT 8...ALTERNATE MINIMUMS NA, OTH VOR/DME UNMONITORED. 1701191419-1705011419EST.

FDC 6/9118 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. VOR-A, AMDT 6...VOR/DME-B, AMDT 5...NOTE: CIRCLING RWY 13, 22, 31 NA AT NIGHT. NOTE: RWY 13, 22, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: NIGHT LANDING: RWY 31 NA. 1612081617-1707201617EST.

FDC 6/9117 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. ILS OR LOC RWY 4, AMDT 8...RNAV (GPS) Y RWY 4, AMDT 1...VOR/DME RWY 4, AMDT 11...NOTE: CIRCLING RWY 13, 22, 31 NA AT NIGHT. NOTE: RWY 13, 22, 31 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: NIGHT LANDING: RWY 31 NA. 1612081617-1707201617EST.

FDC 6/4049 OTH IAP SOUTHWEST OREGON RGNL, NORTH BEND, OR. RNAV (RNP) Z RWY 4, AMDT 1...RNP 0.11 DA* 377/HAT 361 ALL CATS, VISIBILITY ALL CATS 3/4 MILE. 1610201438-1706011438EST.

PENDLETON

Eastern Oregon Rgnl At Pendleton

FDC 6/0841 PDT IAP EASTERN OREGON RGNL AT PENDLETON, PENDLETON, OR. RNAV (GPS) RWY 29, ORIG...LNAV MDA 1880/HAT 383 ALL CATS, VIS CAT C/D 1 1/8. 1612122153-1707242153EST.

PORTLAND

Portland Intl

FDC 6/7468 PDX IAP PORTLAND INTL, PORTLAND, OR. RNAV (RNP) Z RWY 28L, ORIG-A...RNP 0.27 DA 406/ HAT 383 ALL CATS, VISIBILITY ALL CATS RVR 4000. 1609062000-1704182000EST.

FDC 6/7203 PDX IAP PORTLAND INTL, PORTLAND, OR. RNAV (RNP) Y RWY 28L, AMDT 2...RNP 0.23 DA 416/ HAT 393 ALL CATS, VISIBILITY ALL CATS RVR 4500. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE RNP 0.23 ALL CATS VISIBILITY TO RVR 6000 AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE. TEMPORARY CRANE 262 MSL 1959FT NORTHWEST OF RWY 28L (2015-ANM-1573-NRA). 1611141329-1706261329EST.

FDC 6/1096 PDX STAR PORTLAND INTL, PORTLAND, OR. MOXEE SIX ARRIVAL...NA FOR RNAV EQUIPPED TURBO JETS LANDING PORTLAND INTL. 1609131900-1709131900EST.

REDMOND

Roberts Field

FDC 6/7662 RDM IAP ROBERTS FIELD, REDMOND, OR. RNAV (GPS) Y RWY 29, AMDT 2...CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE 3.00/TCH 43). 1611150200-1706270200EST.

ROSEBURG

Roseburg Rgnl

FDC 6/2639 RBG IAP ROSEBURG RGNL, ROSEBURG, OR. RNAV (GPS)-B, ORIG...VOR-A, AMDT 6...NOTE: PROCEDURE NA AT NIGHT.. NOTE: RWY 16, 34 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1611232106-1707052106EST.

SALEM

Mcrary Fld

FDC 6/8700 SLE IAP MCNARY FLD, SALEM, OR. LOC/DME BC RWY 13, AMDT 8A...PROCEDURE TURN COMPLETION ALTITUDE 2500.. TERMINAL ROUTE: MCCOY (IF) TO ARTTY (FAF) MINIMUM ALTITUDE 2500.. MINIMUM FINAL APPROACH FIX ALTITUDE 2500. S-13 CAT D MDA NA.. CIRCLING CAT D MDA NA.. VDA 3.20/TCH 50 NA.. 1612072311-1707192311EST.

SCAPPOOSE

Scappoose Industrial Airpark

FDC 5/8945 SPB ODP SCAPPOOSE INDUSTRIAL AIRPARK, SCAPPOOSE, OR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 33, STANDARD WITH CLIMB OF 230 FT PER NM TO 1000. ALL OTHER DATA REMAINS AS PUBLISHED. 1508261139-1602221138EST.

PACIFIC

MAJURO ATOLL

Marshall Islands Intl

FDC 7/4509 MAJ IAP MARSHALL ISLANDS INTL, MAJURO ATOLL, . RNAV (GPS) RWY 25, ORIG-C...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 7 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRIAGHT-IN/CIRCLING RWY 25 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1701141932-1708261932EST.

FDC 7/4507 MAJ IAP MARSHALL ISLANDS INTL, MAJURO ATOLL, . NDB RWY 25, AMDT 1...NDB RWY 7, AMDT 1...DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1701141931-1708261931EST.

FDC 7/4505 MAJ IAP MARSHALL ISLANDS INTL, MAJURO ATOLL, . RNAV (GPS) RWY 7, ORIG-C...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 25 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 7 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1701141930-1708261930EST.

POHNPEI ISLAND

Pohnpei Intl

FDC 7/2241 PNI IAP POHNPEI INTL, POHNPEI ISLAND, . NDB/DME OR GPS-A, AMDT 1B...CIRCLING MDA 960/HAA 952 ALL CATS, VIS CATS C/D 3. ALTERNATE MINIMUMS: CATS A/B, 1000-2, CATS C/D 1000-3. 1702072346-1709192346EST.

FDC 7/2237 PNI IAP POHNPEI INTL, POHNPEI ISLAND, . RNAV (GPS) RWY 27, AMDT 1...LNAV MDA 780/HATH 772 ALL CATS, VIS CATS C/D 2 1/2. CIRCLING MDA 780/HAA 771 ALL CATS, VIS CATS C/D 2 1/2. ALTERNATE MINIMUMS: CAT C/D 800-2 1/2. 1702072343-1709192343EST.

ROTA ISLAND

Benjamin Taisacan Manglona Intl

FDC 7/1016 GRO IAP BENJAMIN TAISACAN MANGLONA INTL, ROTA ISLAND, CQ. NDB RWY 9, AMDT 4...S-9 HAT 1206 ALL CATS. CHART TDZE 594, DELETE THRE 586. THIS IS NDB RWY 9, AMDT 4A. 1702032204-PERM.

SAIPAN ISLAND

Francisco C Ada/Saipan Intl

FDC 7/6402 GSN IAP FRANCISCO C ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. NDB/DME RWY 7, AMDT 3C...S-7 MDA 840/HATH 630 ALL CATS, VISIBILITY CAT C/D 1 3/8. CIRCLING MDA 840/HAA 629 ALL CATS, VISIBILITY CAT C 1 3/4. MISSED APPROACH: CLIMB TO 1600 ON 070 DEGREES BEARING FROM SN NDB THEN CLIMBING RIGHT TURN TO 2800 DIRECT SN NDB THEN 246 DEGREES BEARING FROM SN NDB TO SHAKA 5 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800. CHANGE FINAL APPROACH FIX ALTITUDE AT SHAKA TO AT OR ABOVE 1300. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALSR INCREASE S-7 CAT D VISIBILITY TO 1 3/4 MILE. THLD ELEV 210. APT ELEV 211. 1701202059-1709012059EST.

PENNSYLVANIA

ALLENTOWN

Allentown Queen City Muni

FDC 6/6248 XLL IAP ALLENTOWN QUEEN CITY MUNI, ALLENTOWN, PA. RNAV (GPS) RWY 7, AMDT 1D...LP CATS A/B/C MDA 860/HAT 470.. 1610100147-1705220146EST.

Lehigh Valley Intl

FDC 7/2499 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. ILS OR LOC RWY 13, AMDT 8...IZKIP FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED) CIRLING CATS A/B MDA 1060 /HAA 666. TEMP CRANE 706 MSL 5003 FT N OF RWY 13 (2016-AEA-9529-OE). 1701101221-1708221221EST.

FDC 7/2498 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. ILS OR LOC RWY 6, AMDT 23A...ILS OR LOC/DME RWY 24, AMDT 1A...RNAV (GPS) RWY 24, AMDT 1A...RNAV (GPS) RWY 31, AMDT 2A...RNAV (GPS) RWY 6, AMDT 1A...TACAN-C, ORIG...VOR-A, AMDT 10...CIRLING MDA 1060 /HAA 666 ALL CATS. TEMP CRANE 706 MSL 5003 FT N OF RWY 13 (2016-AEA-9529-OE). 1701101221-1708221221EST.

FDC 7/2497 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. RNAV (GPS) RWY 13, AMDT 2...LNAV/VNAV DA 887/HAT 501, VIS 1 1/4 ALL CATS. LNAV MDA 1000/HAT 614 ALL CATS. VIS CATS C/D 1 3/8. CIRLING CATS A/B MDA 1060 /HAA 666. VDP 1.75 NM TO RWY 13. TEMP CRANE 706 MSL 5003 FT N OF RWY 13 (2016-AEA-9529-OE). 1701101221-1708221221EST.

FDC 6/3088 ABE IAP LEHIGH VALLEY INTL, ALLENTOWN, PA. RNAV (GPS) RWY 6, AMDT 1A...LNAV/VNAV DA 838/HAT 444, VIS RVR 5000 ALL CATS. TEMP CRANES 507 MSL 1.06 NM SW OF RWY 6 (2015-AEA-4672/4673-OE). 1608261936-1704071933EST.

FDC 6/2461 ABE ODP LEHIGH VALLEY INTL, ALLENTOWN, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...DEPARTURE PROCEDURE: RWY 6, CLIMB HEADING 063 TO 900 BEFORE PROCEEDING SOUTHBOUND ON COURSE. RWY 31, CLIMB HEADING 315 TO 900 BEFORE PROCEEDING SOUTHBOUND ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031702-1706151702EST.

ALTOONA

Altoona-Blair County

FDC 7/1474 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) RWY 21, AMDT 1B...LPV DA 1977. LNAV/VNAV DA 1999. LNAV HAT 674 ALL CATS. CHART TDZE 1486, DELETE THRE 1469. CHART NOTE: CIRCLING RWY 3, 12, 30 NA AT NIGHT. DELETE NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS RNAV (GPS) RWY 21, AMDT 1C. 1702062000-PERM.

FDC 7/1473 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. ILS OR LOC RWY 21, AMDT 8A...S-ILS 21 DA 1686. S-LOC 21 HAT 754 ALL CATS. CHART TDZE 1486, DELETE THRE 1469. CHART NOTE: CIRCLING RWY 3, 12, 30 NA AT NIGHT. DELETE NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS ILS OR LOC RWY 21, AMDT 8B. 1702062000-PERM.

FDC 6/2630 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) Y RWY 3, AMDT 1...DESCENT ANGLE 3.00/TCH 43 NA. 1611031816-1706151816EST.

FDC 6/2627 AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) Z RWY 3, ORIG-A...DESCENT ANGLE 3.00/TCH 55 NA. 1611031814-1706151814EST.

Upmc-Altoona

FDC 7/2288 74PN SPECIAL UPMC-ALTOONA, ALTOONA, PA. JANAT ONE DEPARTURE...NOTE: DEPARTURE FREQUENCY JOHNSTOWN DEPARTURE 121.2/299.2. ALL OTHER DATA REMAINS AS PUBLISHED. 1701091843-1708211843EST.

BEDFORD

Bedford County

FDC 7/4290 HMZ IAP BEDFORD COUNTY, BEDFORD, PA. VOR-A, AMDT 1A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. AOO R180-R220 UNUSABLE BELOW 5000. 1701132122-1708252122EST.

Upmc Bedford Hospital

FDC 7/2349 07PA SPECIAL UPMC BEDFORD HOSPITAL, BEDFORD, PA. COPTER (GPS) 045, ORIG...CORRECTION: AIRPORT IDENTIFIER FOR PROCEDURE IS 35PA. 1701091957-1708211957EST.

FDC 7/2348 07PA SPECIAL UPMC BEDFORD HOSPITAL, BEDFORD, PA. COPTER (GPS) 045, ORIG...IFR DEPARTURE NA. 1701091957-1708211957EST.

BLOOMSBURG

Bloomsburg Muni

FDC 6/6311 N13 ODP BLOOMSBURG MUNI, BLOOMSBURG, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1.TAKEOFF MINIMUMS: RWY 9, STANDARD WITH MINIMUM CLIMB OF 660 FT PER NM TO 1400 OR 2100-3 FOR VCOA. RWY 27, STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1400 OR 2100-3 FOR VCOA. TEXTUAL DEPARTURE PROCEDURES: RWY 9: CLIMBING LEFT TURN HEADING 058.74 TO 2200 BEFORE PROCEEDING ON COURSE. DO NOT EXCEED 180 KIAS UNTIL ESTABLISHED ON 058.74 HEADING. RWY 27: CLIMB HEADING 253.75 TO 2200 BEFORE PROCEEDING ON COURSE. VISUAL CLIMB OVER AIRPORT: ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BLOOMSBURG MUNI AIRPORT AT OR ABOVE 2400 BEFORE PROCEEDING ON COURSE. TAKEOFF OBSTACLE NOTES: NOTE: RWY 9, TREES BEGINNING 51 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 642 FT MSL. TREES BEGINNING 475 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 599 FT MSL. GRD 64 FT FROM DER, 34 FT RIGHT OF CENTERLINE, 487 FT MSL. VEHICLE ON ROAD 176 FT FROM DER, 112 FT RIGHT OF CENTERLINE, 15 FT AGL/488 FT MSL. POLES BEGINNING FDC 6/6311 N13 ODP BLOOMSBURG MUNI, BLOOMSBURG, PA. 191 FT FROM DER, 432 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/528 FT MSL. BLDG 335 FT FROM DER, 568 FT LEFT OF CENTERLINE, 501 FT MSL. PARKING LOTS BEGINNING 629 FT FROM DER, 652 FT LEFT OF CENTERLINE, UP TO 503 FT MSL. TERRAIN 1503 FT FROM DER, 164 FT RIGHT OF CENTERLINE, 524 FT MSL. NOTE: RWY 27, TOWER 4520 FT FROM DER, 596 FT RIGHT OF CENTERLINE, 150 FT AGL/ 632 FT MSL. BLDGS BEGINNING 35 FT FROM DER, 327 FT LEFT OF CENTERLINE, UP TO 506 FT MSL. VEHICLES IN PARKING LOTS BEGINNING 48 FT FROM DER, 238 FT RIGHT OF CENTERLINE, UP TO 496 FT MSL. POLE 151 FT FROM DER, 238 FT RIGHT OF CENTERLINE, 8 FT AGL/ 499 FT MSL. POLES BEGINNING 210 FT FROM DER, 493 FT LEFT OF CENTERLINE, UP TO 521 FT MSL. VEHICLE ON RD 279 FT FROM DER, 210 FT RIGHT OF CENTERLINE, 15 FT AGL/ 494 FT MSL. TREES BEGINNING 50 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 579 FT MSL. TREES

CHAMBERSBURG

Franklin County Rgnl

FDC 6/7403 N68 IAP FRANKLIN COUNTY RGNL, CHAMBERSBURG, PA. RNAV (GPS) RWY 24, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. 1610121234-1705241234EST.

CLARION

Clarion Hospital

FDC 6/1326 91PA ODP CLARION HOSPITAL, CLARION, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE SPECIAL RNAV 320 DEPARTURE: IFR DEPARTURE NA. 1609301818-1705121818EST.

COATESVILLE

Chester County G O Carlson

FDC 4/0366 MQS STAR CHESTER COUNTY, COATESVILLE, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

CRANBERRY

Upmc Passavant Cranberry

FDC 6/1650 PA56 SPECIAL UPMC PASSAVANT CRANBERRY, CRANBERRY, PA. COPTER RNAV (GPS) 304, ORIG...MSA FROM WIVSU 3100. 1611021910-1706141910EST.

DANVILLE

Danville

FDC 6/5175 8N8 IAP DANVILLE, DANVILLE, PA. RNAV (GPS) RWY 27, ORIG...DELETE: DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1612272216-1708082216EST.

Geisinger Rooftop

FDC 7/2317 79PN SPECIAL GEISINGER ROOFTOP, DANVILLE, PA. COPTER RNAV (GPS) 290, ORIG--A...PROCEDURE NA. 1701091914-1708211914EST.

ERIE

Bayfront Garage

FDC 6/4696 0PS8 SPECIAL HAMOT MEDICAL CENTER, ERIE, PA. COPTER RNAV (GPS)246...IFR DEPARTURE NOT AUTHORIZED. 1612231730-1706010001.

EVERETT

Upmc Bedford Memorial

FDC 7/2342 35PA SPECIAL UPMC BEDFORD MEMORIAL, EVERETT, PA. COPTER (GPS) 045...DISREGARD ALL REFERENCE TO 07PA ON PROCEDURE. CORRECT AIRPORT IDENTIFIER IS 35PA. 1701091943-1708211943EST.

FDC 7/2341 35PA SPECIAL UPMC BEDFORD MEMORIAL, EVERETT, PA. COPTER GPS 045, ORIG...IFR DEPARTURE NA. 1701091943-1708211943EST.

FARRELL

Upmc-Horizon Hospital/Shenango Campus

FDC 6/4699 PS41 SPECIAL SHENANGO HOSPITAL, SHARON, PA. COPTER RNAV (GPS) 262 IFR DEPARTURE NOT AUTHORIZED. 1612231730-1706010001.

FRANKLIN

Venango Rgnl

FDC 6/2134 FKL IAP VENANGO RGNL, FRANKLIN, PA. ILS OR LOC RWY 21, AMDT 6A...S-LOC 21: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 3400 VIA HEADING 050 AND CIP VOR/DME R-336 TO DACCA INT AND HOLD NE, RT 207.27 INBOUND, FKL VOR OUT OF SERVICE. 1611221913-1707041913EST.

GREENSBURG

Westmoreland Hospital

FDC 7/2290 PA28 SPECIAL WESTMORELAND HOSPITAL, GREENSBURG, PA. EJUDY ONE DEPARTURE...NOTE: DEPARTURE FREQUENCY JOHNSTOWN DEPARTURE 121.2/299.2. ALL OTHER DATA REMAINS AS PUBLISHED. 1701091846-1708211846EST.

GREENVILLE

Greenville Muni

FDC 6/6625 4G1 IAP GREENVILLE MUNI, GREENVILLE, PA. VOR-A, AMDT 2...CIRCLING HAA 518 ALL CATS. CIRCLING TO RWY 05/23 NA. 1610111341-1705231341EST.

GROVE CITY

Grove City

FDC 7/8869 29D ODP GROVE CITY, GROVE CITY, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 28, UTILITY POLES BEGINNING 1017 FT FROM DER, 342 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/1428 FT MSL (2012-AEA-5691/5692-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701292142-1709102142EST.

FDC 6/7952 29D IAP GROVE CITY, GROVE CITY, PA. RNAV (GPS) RWY 28, AMDT 1A...NOTE: CIRCLING RWY 10 NA AT NIGHT. NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1611151537-1706271537EST.

FDC 6/7950 29D IAP GROVE CITY, GROVE CITY, PA. RNAV (GPS) RWY 10, AMDT 1A...NOTE: STRAIGHT-IN RWY 10 NA AT NIGHT. NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1611151537-1706271537EST.

FDC 6/7949 29D IAP GROVE CITY, GROVE CITY, PA. VOR/DME-A, AMDT 7...NOTE: CIRCLING RWY 10 NA AT NIGHT. NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1611151537-1706271537EST.

HARRISBURG

Capital City

FDC 6/5609 CXY IAP CAPITAL CITY, HARRISBURG, PA. RNAV (GPS) RWY 26, ORIG-B...RADAR REQUIRED FOR PROCEDURE ENTRY. 1609211106-1705031106EST.

HONESDALE

Cherry Ridge

FDC 6/9062 N30 IAP CHERRY RIDGE, HONESDALE, PA. VOR/DME-A, AMDT 6...PROCEDURE NA. 1608051815-1703171814EST.

FDC 6/1329 N30 ODP CHERRY RIDGE, HONESDALE, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...DEPARTURE PROCEDURE NA. NOTE: RWY 36, TRANSMISSION LINE 1957 FT FROM DER, 960 FT LEFT OF CENTERLINE, 96 FT AGL/1467 FT MSL. OTHER DATA REMAINS AS PUBLISHED. 1609301824-1705121823EST.

JOHNSTOWN

John Murtha Johnstown-Cambria Co

FDC 7/6571 JST ODP JOHN MURTHA JOHNSTOWN-CAMBRIA CO, JOHNSTOWN, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...NOTE: RWY 33, FENCE 101 FT FROM DER, 509 FT RIGHT OF CENTERLINE, 9 FT AGL/2278 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701222036-1709032035EST.

FDC 7/6569 JST SID JOHN MURTHA
JOHNSTOWN-CAMBRIA CO, JOHNSTOWN, PA.
JENER FOUR DEPARTURE...LILLI FOUR
DEPARTURE...TAKEOFF OBSTACLES: RWY 33:
FENCE 101 FT FROM DER, 509 FT RIGHT OF
CENTERLINE, 9 FT AGL/2278 FT MSL. ALL OTHER
DATA REMAINS AS PUBLISHED.
1701222034-1709032034EST.

FDC 6/1497 JST IAP JOHN MURTHA
JOHNSTOWN-CAMBRIA CO, JOHNSTOWN, PA. ILS
OR LOC/DME RWY 33, AMDT 7A...S-LOC 33
MINIMUMS NA. 1611202028-1707022028EST.

LANCASTER

Lancaster

FDC 7/2823 LNS IAP LANCASTER, LANCASTER, PA.
VOR/DME RWY 8, AMDT 6B...RADAR REQUIRED
FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, LRP DME OUT OF SERVICE.
1701101755-1702101755EST.

FDC 6/5610 LNS IAP LANCASTER, LANCASTER, PA.
RNAV (GPS) RWY 8, AMDT 3B...TERMINAL ROUTE
BAARN TO MAVBE NA. 1609211106-1705031106EST.

LATROBE

Arnold Palmer Rgnl

FDC 7/2219 LBE IAP ARNOLD PALMER RGNL,
LATROBE, PA. ILS OR LOC RWY 23, AMDT
16A...CHANGE NOTE: CIRCLING NA SE OF RWY 3-21
TO READ CIRCLING NA SE OF RWY 5-23. MISSED
APPROACH: CLIMB TO 2000 THEN CLIMBING RIGHT
TURN TO 5000 DIRECT AGC VOR/DME AND HOLD,
SW, RT, 056.00 INBOUND, IHD VOR OTS.
1702072329-1709192329EST.

FDC 7/2217 LBE IAP ARNOLD PALMER RGNL,
LATROBE, PA. RNAV (GPS) RWY 23, ORIG-A...RNAV
(GPS) RWY 5, ORIG-A...CHANGE NOTE: CIRCLING
NA SE OF RWY 3-21 TO READ CIRCLING NA SE OF
RWY 5-23. 1702072327-1709192327EST.

FDC 6/6852 LBE ODP ARNOLD PALMER RGNL,
LATROBE, PA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
5...DELETE ALL REFERENCES TO RWY 3 AND 21.
ALL OTHER DATA REMAINS AS PUBLISHED.
1612061440-1707181438EST.

FDC 6/5349 LBE SID ARNOLD PALMER RGNL,
LATROBE, PA. HOMEE TWO DEPARTURE...PLEEZ
TWO DEPARTURE...DEPARTURE PROCEDURE NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, IHD VORTAC OUT OF
SERVICE. 1608311334-1704121334EST.

FDC 6/5040 LBE SID ARNOLD PALMER RGNL,
LATROBE, PA. HOMEE TWO
DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT
FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, AGC VOR OUT OF SERVICE.
1612010214-1707130214EST.

LEBANON

Keller Brothers

FDC 7/4867 08N ODP KELLER BROTHERS,
LEBANON, PA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES
ORIG...NOTE: RWY 7, TREE 99 FT FROM DER, 471 FT
RIGHT OF CENTERLINE, 52 FT AGL/604 FT MSL
(2014-ANE-149-OE). ALL OTHER DATA REMAINS AS
PUBLISHED. 1701171508-1708291508EST.

MEADVILLE

Port Meadville

FDC 7/2822 GKJ IAP PORT MEADVILLE,
MEADVILLE, PA. LOC RWY 25, AMDT 6D...CHANGE
FOR INOPERATIVE MALS WHEN USING FRANKLIN
ALTIMETER SETTING NOTE TO READ: FOR
INOPERATIVE MALS WHEN USING FRANKLIN
ALTIMETER SETTING, INCREASE S-25 CATS C AND
D VISIBILITY TO 2 1/2 MILES.
1701101751-1708221751EST.

FDC 6/8027 GKJ IAP PORT MEADVILLE,
MEADVILLE, PA. VOR RWY 7, AMDT
8B...PROCEDURE NA. 1610121700-1705241700EST.

FDC 6/2131 GKJ IAP PORT MEADVILLE,
MEADVILLE, PA. VOR RWY 7, AMDT 8B...LOC RWY
25, AMDT 6C...DME REQUIRED EXCEPT FOR
AIRCRAFT EQUIPPED WITH SUITABLE RNAV
SYSTEM WITH GPS, FKL VOR OUT OF SERVICE.
1611221912-1707041912EST.

MILFORD

Myer

FDC 6/6685 6PA0 SPECIAL MYER, MILFORD, PA.
COPTER RNAV (GPS) 008, ORIG-A...PROCEDURE NA.
1611121436-1706241436EST.

MONONGAHELA

Rostraver

FDC 7/6401 FWQ IAP ROSTRAVER, MONONGAHELA, PA. RNAV (GPS) RWY 8, AMDT 1...DELETE THRE 1228. CHART TDZE 1228. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 8, AMDT 1A. 1701202058-PERM.

FDC 7/6400 FWQ IAP ROSTRAVER, MONONGAHELA, PA. RNAV (GPS) RWY 26, ORIG-B...CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 8 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 26, ORIG-C. 1701202058-PERM.

FDC 7/6006 FWQ IAP ROSTRAVER, MONONGAHELA, PA. RNAV (GPS) RWY 26, ORIG-B...NOTE: CIRCLING RWY 8 NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701191743-1708311743EST.

MOUNT PLEASANT

Frick Hospital & Community Health Center

FDC 7/2308 PA29 SPECIAL FRICK HOSPITAL & COMMUNITY HEALTH CENTER, MOUNT PLEASANT, PA. LOPPO ONE DEPARTURE...NOTE: DEPARTURE FREQUENCY JOHNSTOWN DEPARTURE 121.2/299.2. ALL OTHER DATA REMAINS AS PUBLISHED. 1701091848-1708211848EST.

MOUNT POCONO

Pocono Mountains Muni

FDC 7/2679 MPO IAP POCONO MOUNTAINS MUNI, MOUNT POCONO, PA. VOR/DME RWY 13, AMDT 8B...PROCEDURE NA. 1702082030-1709202030EST.

FDC 6/4299 MPO IAP POCONO MOUNTAINS MUNI, MOUNT POCONO, PA. RNAV (GPS) RWY 31, AMDT 2C...LPV DA 2224 ALL CATS. LNAV/VNAV DA 2267 ALL CATS. LNAV HAT 435 ALL CATS. CHANGE NIGHT LANDING NOTE TO READ: NIGHT LANDING: RWY 23 NA. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILKES-BARRE/SCRANTON ALTIMETER SETTING: INCREASE LPV DA TO 2403 FT, LNAV/VNAV DA TO 2446 FT AND ALL VISIBILITIES 5/8 MILE; INCREASE ALL MDA 180 FT AND LNAV CAT C/D VISIBILITY 3/8 MILE, CIRCLING CAT C 3/4 MILE AND CIRCLING CAT D 1/2 MILE. TDZE 1885. 1608301418-1704111418EST.

FDC 6/4298 MPO IAP POCONO MOUNTAINS MUNI, MOUNT POCONO, PA. RNAV (GPS) RWY 13, AMDT 3B...LPV VIS 1 3/8 ALL CATS. LNAV/VNAV DA 2374/HAT 489, VIS 1 3/4 ALL CATS. DISREGARD NOTE: RWY 13 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 23 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 23 NA. CHANGE HELICOPTER VISIBILITY NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILKES-BARRE/SCRANTON ALTIMETER SETTING: INCREASE LPV DA TO 2450 FT, LNAV/VNAV DA TO 2553 FT AND ALL VISIBILITIES 3/4 MILE; INCREASE ALL MDA 180 FT AND LNAV CAT C/D VISIBILITY 3/8 MILE, CIRCLING CAT C 3/4 MILE AND CIRCLING CAT D 1/2 MILE. 1608301418-1704111418EST.

MYERSTOWN

Deck

FDC 6/4253 9D4 IAP DECK, MYERSTOWN, PA. RNAV (GPS) RWY 19, ORIG-B...MSA FROM RW19: 3200. 1612211405-1708021405EST.

NEW CASTLE

Jameson Memorial Hospital

FDC 6/4698 3PN4 SPECIAL ST. FRANCIS HOSPITAL, NEW CASTLE, PA. COPTER GPS 054 ORIG IFR DEPARTURE NOT AUTHORIZED. 1612231730-1706010001.

FDC 6/3131 3PN4 IAP JAMESON MEMORIAL HOSPITAL, NEWCASTLE, PA. COPTER GPS 05 4, ORIG...PROCEDURE NA. 1611041521-1706161521EST.

PERKASIE

Pennridge

FDC 6/8551 CKZ ODP PENNRIDGE, PERKASIE, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A.NOTE: RWY 08, FENCE 25 FT FROM DER, 2 FT LEFT OF CENTERLINE, 576 FT MSL. BUSH 47 FT FROM DER, 205 FT LEFT OF CENTERLINE, 582 FT MSL. TREE 68 FT FROM DER, 315 FT LEFT OF CENTERLINE, 616 FT MSL. TREE, BUSH, BLDG AND POLE BEGINNING 89 FT FROM DER, 253 FT RIGHT OF CENTERLINE, UP TO 652 FT MSL. TREES BEGINNING 135 FT FROM DER, 253 FT LEFT OF CENTERLINE, UP TO 629 FT MSL. TREES BEGINNING 242 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 642 FT MSL. TREE AND POLE BEGINNING 783 FT FROM DER, 79 FT RIGHT OF CENTERLINE, UP TO 655 FT MSL. TREES BEGINNING 880 FT FROM DER, 174 FT RIGHT OF CENTERLINE, UP TO 660 FT MSL. TREE AND POLE BEGINNING 958 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 664 FT MSL. TREES BEGINNING 1681 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 647 FT MSL. TREES BEGINNING 1724 FT FROM DER, 205 FT LEFT OF CENTERLINE, UP TO 654 FT MSL. TREES BEGINNING 1793 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 670 FT MSL. NOTE: RWY 26, TREE 12 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 572 FT MSL. SIGN 19 FT FROM DER, 116 FT LEFT OF CENTERLINE, 522 FT MSL. TREES BEGINNING 72 FT FROM DER, ON CENTERLINE, UP TO 585 FT MSL. BUSH 76 FT FROM DER, 328 FT LEFT OF CENTERLINE, 523 FT MSL. TREE ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/8551 CKZ ODP PENNRIDGE, PERKASIE, PA. AND BUSH BEGINNING 89 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 555 FT MSL. TREE 300 FT FROM DER, 455 FT LEFT OF CENTERLINE, 558 FT MSL. TREES BEGINNING 308 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 582 FT MSL. TREES BEGINNING 678 FT FROM DER, 437 FT LEFT OF CENTERLINE, UP TO 583 FT MSL. TREE AND POLE BEGINNING 700 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 600 FT MSL. TREE AND BLDG BEGINNING 1258 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 601 FT MSL. POLES BEGINNING 3554 FT FROM DER, 1217 FT LEFT OF CENTERLINE, UP TO 617 FT MSL. POLE 3861 FT FROM DER, 1315 FT LEFT OF CENTERLINE, 634 FT MSL. TR

FDC 6/7198 CKZ IAP PENNRIDGE, PERKASIE, PA. RNAV (GPS) RWY 26, ORIG-B...DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1609061218-1704181218EST.

FDC 6/7197 CKZ IAP PENNRIDGE, PERKASIE, PA. RNAV (GPS) RWY 8, AMDT 1B...DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA.. 1609061218-1704181218EST.

PHILADELPHIA

Northeast Philadelphia

FDC 6/1749 PNE STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA., CEDAR LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FM 1900FT MSL TO 2100FT MSL. 1605101750-PERM.

FDC 4/0376 PNE STAR NORTHEAST PHILADELPHIA, PHILADELPHIA, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

Philadelphia Intl

FDC 7/4294 PHL IAP PHILADELPHIA INTL, PHILADELPHIA, PA. RNAV (RNP) Z RWY 9R, ORIG-C...RNP 0.16 DA 422/HAT 402, VIS RVR 5000 ALL CATS. 1701132124-1708252124EST.

FDC 6/7965 PHL IAP PHILADELPHIA INTL, PHILADELPHIA, PA. RNAV (GPS) RWY 35, AMDT 4...LP MDA 500/HAT 486 ALL CATS. LNAV MDA 500/HAT 486 ALL CATS. 1612071442-1707191442EST.

FDC 6/6725 PHL IAP PHILADELPHIA INTL, PHILADELPHIA, PA. ILS Z OR LOC RWY 17, AMDT 8A...HOOCH FIX MINIMUMS S-LOC MDA 500/HAT 490 ALL CATS. TEMP CRANE 236 MSL 1.73 NM N OF RWY 17 (2016-AEA-7505-OE). 1610261134-1706071134EST.

FDC 6/6722 PHL IAP PHILADELPHIA INTL, PHILADELPHIA, PA. RNAV (GPS) RWY 17, AMDT 3A...LNAV MDA 500/HAT 490 ALL CATS. TEMP CRANE 236 MSL 1.73 NM N OF RWY 17 (2016-AEA-7505-OE). 1610261134-1706071134EST.

FDC 6/2214 PHL IAP PHILADELPHIA INTL, PHILADELPHIA, PA. ILS OR LOC RWY 26, AMDT 4B...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT PTW VORTAC AND HOLD. 1611031459-1706151459EST.

FDC 6/1754 PHL STAR PHILADELPHIA INTL, PHILADELPHIA, PA., CEDAR LAKE 8 ARRIVAL - MINIMUM ENROUTE ALTITUDE (MEA) IS REVISED BTN ROUTE SEGMENTS. THE MEA BTN BRIGS INT AND CEDAR LAKE VOR (VCN) AND BTN VCN AND WOODSTOWN VOR (OOD) IS REVISED FROM 1900FT MSL TO 2100FT MSL. 1605101750-PERM.

FDC 4/0387 PHL STAR PHILADELPHIA INTERNATIONAL, PHILADELPHIA, PA. BUNTS ONE ARRIVAL.UNUSABLE 1) BELOW 5000FT MSL BETWEEN PSB AND HAR 2) BELOW 4000FT MSL BETWEEN HAR AND BOUHN 1403261400-PERM.

Wings Field

FDC 6/8195 LOM IAP WINGS FIELD, PHILADELPHIA, PA. RNAV (GPS) RWY 24, AMDT 1A...RNAV (GPS) RWY 6, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 6 NA. 1610271734-1706081734EST.

PITTSBURGH

Allegheny County

FDC 6/6857 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. RNAV (GPS) RWY 10, AMDT 4B...LPV MINIMUMS NA. 1610111602-1705231602EST.

FDC 6/5031 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. ILS OR LOC RWY 28, AMDT 29B...S-LOC 28: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 3000 ON HEADING 280.90 FOR RADAR VECTORS (RADAR REQUIRED), AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

FDC 6/5029 AGC IAP ALLEGHENY COUNTY, PITTSBURGH, PA. ILS OR LOC RWY 10, AMDT 6B...MISSED APPROACH: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 279 AND MMJ R-190 TO HYETO INT AND HOLD SW, RT, 057.17 INBOUND, AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

Pittsburgh Intl

FDC 6/6615 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 28L, ORIG-C...RNP 0.13 DA 1528/HAT 406. RNP 0.30 DA 1578/HAT 456. 1610111334-1705231334EST.

FDC 6/6613 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 28C, ORIG-C...RNP 0.14 DA 1537/HAT 404. VIS 1 1/2. RNP 0.16 DA 1538/HAT 405. RNP 0.30 DA 1583/HAT 450. 1610111332-1705231332EST.

FDC 6/6570 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (RNP) Z RWY 10R, ORIG-C...RNP 0.20 DA 1575/HAT 440. 1610111237-1705231237EST.

FDC 6/6319 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 28C, AMDT 4A...LNAV MDA 1600/HAT 466 ALL CATS. VDP 1.3 NM FROM RW28C. 1610100235-1705220234EST.

FDC 6/5039 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 28L, AMDT 10A...ILS OR LOC RWY 28R, AMDT 9A...ILS RWY 28R (CAT II) AMDT 9A...RADAR OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

FDC 6/5036 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 10L, AMDT 25B...ILS RWY 10L (CAT II AND III) AMDT 25B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

FDC 6/5030 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 10R, AMDT 10F...ILS RWY 10R (CAT II AND III) AMDT 10E...MISSED APPROACH: CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT HLG VOR/DME AND HOLD NE, LT, 223.00 INBOUND, AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

FDC 6/4114 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 10R, AMDT 10F...ILS RWY 10R (CAT II & III), AMDT 10E...MISSED APPROACH: CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 5000 DIRECT HLG VOR/DME AND HOLD NE, LT, 223 INBOUND. (TACAN AIRCRAFT CLIMB TO 1900, THEN CLIMBING LEFT TURN TO 4000 DIRECT EWC VORTAC, THEN ON EWC R-002 TO HAXIT/5 DME AND HOLD N, RT, 182 INBOUND). TACAN AIRCRAFT: SIMULTANEOUS APPROACH WITH RWY 10L NOT AUTHORIZED. 1612202133-1708012133EST.

FDC 6/3921 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. ILS OR LOC RWY 10L, AMDT 25B...S-LOC 10L MDA 1600/HAT 397 ALL CATS. 1610201400-1706011400EST.

FDC 6/2767 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 28L, AMDT 4C...LNAV MDA 1600/HAT 475 ALL CATS. VIS CAT C RVR 5000. VDP 1.3 NM FROM RW28L. 1610041442-1705161442EST.

FDC 6/2375 PIT IAP PITTSBURGH INTL, PITTSBURGH, PA. RNAV (GPS) Y RWY 32, AMDT 5A...LNAV MDA 1800/HAT 677 ALL CATS. VIS CATS C/D 1 3/4. CIRCLING MDA 1800/HAA 597 ALL CATS. VIS CAT C 1 7/8. NOTE: FOR INOPERATIVE MALSF, INCREASE LNAV CATS C/D VISIBILITY TO 1 7/8 MILE. CHANGE INOPERATIVE TABLE DOES NOT APPLY NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS. 1611031629-1706151629EST.

POTTSTOWN

Heritage Field

FDC 7/8932 PTW ODP HERITAGE FIELD, POTTSTOWN, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...DEPARTURE PROCEDURE NOTE: RWY 10, TREE 215 FEET FROM DER, 491 FEET RIGHT OF CENTERLINE, 65 FEET AGL/363 FEET MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292233-1709102233EST.

FDC 6/8597 PTW IAP HERITAGE FIELD,
POTTSTOWN, PA. VOR/DME-A, AMDT 4...DELETE
DESCENT ANGLE 3.00/TCH 51. PROFILE NOTE:
VISUAL SEGMENT - OBSTACLES.
1612072213-1707192213EST.

Pottstown Muni

FDC 6/8434 N47 ODP POTTSTOWN MUNI,
POTTSTOWN, PA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
2A...TAKEOFF MINIMUMS: RWY 8, 600-3 WITH
MINIMUM CLIMB OF 241 FT PER NM TO 1300, OR
1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
NOTE: RWY 8, TOWER 2668 FT FROM DER, 1094 FT
RIGHT OF CENTERLINE, 176 FT AGL/433 FT MSL.
TERRAIN 2,761 FT FROM DER, 124 FT RIGHT OF
CENTERLINE, 0 FT AGL/319 FT MSL. MULTIPLE
TREES BEGINNING 5,919 FT FROM DER, 854 FT LEFT
OF CENTERLINE, UP TO 100 FT AGL/559 FT MSL.
MULTIPLE TREES BEGINNING 1.3 NM FROM DER,
616 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL
759 FT MSL. ALL OTHER DATA REMAINS AS
PUBLISHED. 1612072119-1707192119EST.

QUAKERTOWN

Quakertown

FDC 7/6430 UKT IAP QUAKERTOWN,
QUAKERTOWN, PA. RNAV (GPS) RWY 29, AMDT
1A...DISREGARD DESCENT ANGLE: 3.00/TCH 40.
DISREGARD PROFILE NOTE: VGSI AND DESCENT
ANGLES NOT COINCIDENT (VGSI ANGLE 4.00/TCH
48). VISUAL SEGMENT-OBSTACLES.
1701202126-1709012126EST.

FDC 7/6428 UKT IAP QUAKERTOWN,
QUAKERTOWN, PA. RNAV (GPS) RWY 11,
ORIG-A...DISREGARD DESCENT ANGLE: 3.00/TCH 40.
DISREGARD PROFILE NOTE: VGSI AND DESCENT
ANGLES NOT COINCIDENT (VGSI ANGLE 4.00/TCH
44). VISUAL SEGMENT-OBSTACLES.
1701202124-1709012124EST.

READING

Reading Rgnl/Carl A Spaatz Field

FDC 6/0946 RDG ODP READING RGNL/CARL A
SPAATZ FIELD, READING, PA. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT
5...TAKE-OFF MINIMUMS RWY 13, STANDARD WITH
MINIMUM CLIMB OF 442 FT PER NM TO 1700. ALL
OTHER DATA REMAINS AS PUBLISHED.
1611191842-1707011842EST.

SCRANTON

Community Medical Center Nap

FDC 6/2996 0PA8 SPECIAL COMMUNITY MEDICAL
CENTER NAP, SCRANTON, PA. COPTER RNAV (GPS)
073, ORIG--A...PROCEDURE NA.
1611041521-1706161521EST.

SELINGSGROVE

Penn Valley

FDC 7/5885 SEG IAP PENN VALLEY, SELINGSGROVE,
PA. RNAV (GPS) RWY 17, ORIG-B...NOTE:
PROCEDURE NA AT NIGHT. NOTE: RWY 17, 35
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DISREGARD NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DISREGARD NOTE: NIGHT
LANDING: RWY 17 NA. 1701191431-1708311431EST.

FDC 7/5884 SEG IAP PENN VALLEY, SELINGSGROVE,
PA. VOR-A, AMDT 7B...NOTE: PROCEDURE NA AT
NIGHT. NOTE: RWY 17, 35 HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
DISREGARD NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
DISREGARD NOTE: NIGHT LANDING: RWY 17 NA.
1701191431-1708311431EST.

SHAMOKIN

Northumberland County

FDC 6/2594 N79 IAP NORTHUMBERLAND COUNTY,
SHAMOKIN, PA. VOR RWY 8, AMDT
3D...PROCEDURE NA. 1611232044-1707052043EST.

FDC 6/0954 N79 ODP NORTHUMBERLAND COUNTY,
SHAMOKIN, PA. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
1...TAKEOFF MINIMUMS: RWY 8, NA. RWY 26, 400-2
1/2 OR STANDARD WITH MINIMUM CLIMB OF 266
FT PER NM TO 1400. NOTE: RWY 26, TREES
BEGINNING 10 FT FROM DER, 242 FT LEFT OF
CENTERLINE, UP TO 13 FT AGL/865 FT MSL. TREES
BEGINNING 84 FT FROM DER, 184 FT RIGHT OF
CENTERLINE, UP TO 20 FT AGL/872 FT MSL. TREES
BEGINNING 2.1 NM FROM DER, 2621 FT RIGHT OF
CENTERLINE, UP TO 80 FT AGL/1240 FT MSL. ALL
OTHER DATA REMAINS AS PUBLISHED.
1611191847-1707011847EST.

STATE COLLEGE

Mount Nittany Medical Center

FDC 6/9896 PS57 SPECIAL MOUNT NITTANY
MEDICAL CENTER, STATE COLLEGE, PA. COPTER
RNAV (GPS) 234, ORIG--A...HELIPORT NAME
CHANGED FROM CENTRE COMMUNITY HOSPITAL
TO MOUNT NITTANY MEDICAL CENTER. HELIPORT
ELEVATION CHANGED FROM 1100 TO 1152.
1610141224-1705261224EST.

FDC 6/9894 PS57 SPECIAL MOUNT NITTANY MEDICAL CENTER, STATE COLLEGE, PA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG...CHANGE HELIPORT NAME FROM C C HOSPITAL TO MOUNT NITTANY MEDICAL CENTER 1610141223-1705261223EST.

University Park

FDC 7/6639 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. ILS OR LOC RWY 24, AMDT 9B...MSA FROM UN LOM 4100. 1701222123-1709032122EST.

FDC 7/6559 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. RNAV (GPS) RWY 6, AMDT 2...MSA FROM RW06 4100. 1701222026-1709032026EST.

FDC 7/6557 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. RNAV (GPS) RWY 24, AMDT 1...MSA FROM RW24 4100. 1701222025-1709032025EST.

FDC 6/4328 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. RNAV (GPS) RWY 24, AMDT 1...RNAV (GPS) RWY 6, AMDT 2...CIRCLING CAT C MDA 1800/HAA 569. 1612211644-1708021644EST.

FDC 6/4326 UNV IAP UNIVERSITY PARK, STATE COLLEGE, PA. ILS OR LOC RWY 24, AMDT 9B...S-LOC 24 MDA 1600/HAT 382 ALL CATS. CIRCLING CAT C MDA 1800/HAA 569. 1612211642-1708021642EST.

TOUGHKENAMON

New Garden

FDC 6/2237 N57 IAP NEW GARDEN, TOUGHKENAMON, PA. VOR RWY 24, AMDT 7C...TERMINAL ROUTE FROSE TO MXE VORTAC NA. 1611031512-1706151512EST.

WASHINGTON

Washington County

FDC 6/5037 AFJ IAP WASHINGTON COUNTY, WASHINGTON, PA. ILS OR LOC RWY 27, AMDT 1B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, AGC VOR OUT OF SERVICE. 1612010214-1707130214EST.

WAYNESBURG

Greene County

FDC 7/2908 WAY IAP GREENE COUNTY, WAYNESBURG, PA. RNAV (GPS) RWY 27, ORIG...CIRCLING CAT B/C MDA 2140/HAA 1072. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA AT NIGHT. NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: DESCENT ANGLE 3.05/TCH 30 NA. 1701101816-1708221816EST.

FDC 7/2907 WAY IAP GREENE COUNTY, WAYNESBURG, PA. RNAV (GPS) RWY 9, ORIG...LPV DA CATS A/B/C 1545/HAT 476, VIS CATS A/B/C 1 5/8, LNAV HAT CATS A/B/C 772, VIS CAT C 2 1/2, CIRCLING CAT A MDA 1940/HAA 872, CATS B/C 2140/HAA 1072, VIS CAT A 1 1/4. DISREGARD NOTE: USE WASHINGTON ALTIMETER SETTING, WHEN NOT RECEIVED USE MORGANTOWN ALTIMETER SETTING AND INCREASE DA 15 FEET AND ALL MDAS 20 FEET PROCEDURE NA AT NIGHT. NOTE: USE WASHINGTON ALTIMETER SETTING, WHEN NOT RECEIVED USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL DA 14 FEET AND ALL MDAS 20 FEET, INCREASE LPV VISIBILITY ALL CATS 1/8 SM. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTER NA. NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 27 NA. 1701101816-1708221816EST.

WILKES-BARRE

Wilkes-Barre Wyoming Valley

FDC 7/4458 WBW IAP WILKES-BARRE WYOMING VALLEY, WILKES-BARRE, PA. RNAV (GPS) RWY 25, ORIG-B...NOTE: CIRCLING RWY 7/9/27 NA AT NIGHT. 1701141854-1708261854EST.

FDC 6/0994 WBW IAP WILKES-BARRE WYOMING VALLEY, WILKES-BARRE, PA. RNAV (GPS) RWY 7, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 7 PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 7 NA. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1609292047-1705112047EST.

WILLIAMSPORT

Williamsport Rgnl

FDC 6/3105 IPT IAP WILLIAMSPORT RGNL, WILLIAMSPORT, PA. RNAV (GPS) RWY 12, ORIG-B...DELETE: DESCENT ANGLE 3.70/TCH 45. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1608261953-1704071952EST.

ZELIENOPLE

Zelienople Muni

FDC 7/1410 PJC CHART ZELIENOPLE MUNI, ZELIENOPLE, PA. RNAV (GPS) RWY 35, AMDT 1...CORRECT PROFILE: ADD MINIMUM ALTITUDE OF 1780 TO CIBAT 2.6 NM TO RW35. 1701051803-PERM.

PUERTO RICO

AGUADILLA

Rafael Hernandez

FDC 7/8781 BQN IAP RAFAEL HERNANDEZ, AGUADILLA, PR. VOR/DME OR TACAN RWY 26, ORIG-C...S-26 MDA 620/HAT 410 ALL CATS. VIS CATS C/D 1 1/8. 1701291551-1709101551EST.

FDC 7/1595 BQN IAP RAFAEL HERNANDEZ, AGUADILLA, PR. VOR/DME OR TACAN RWY 26, ORIG-C... VOR/DME OR TACAN RWY 8, AMDT 3A...VOR PORTION NA, BQN VOR OUT OF SERVICE. 1702071220-1703071220EST.

MAYAGUEZ

Eugenio Maria De Hostos

FDC 6/9533 MAZ ODP EUGENIO MARIA DE HOSTOS, MAYAGUEZ, PR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...DEPARTURE PROCEDURE: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MAZ VOR R-083 RESTRICTED. 1608081314-1703201313EST.

SAN JUAN

Luis Munoz Marin Intl

FDC 7/1598 SJU SID LUIS MUNOZ MARIN INTL, SAN JUAN, PR. JAAWS ONE DEPARTURE...ADF OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BQN VOR OUT OF SERVICE. 1702071225-1703071225EST.

FDC 7/1597 SJU SID LUIS MUNOZ MARIN INTL, SAN JUAN, PR. VERMO FIVE DEPARTURE...ADF OR DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BQN VOR OUT OF SERVICE. 1702071220-1703071220EST.

FDC 7/1596 SJU IAP LUIS MUNOZ MARIN INTL, SAN JUAN, PR. ILS OR LOC RWY 10, AMDT 6...ILS OR LOC RWY 8, AMDT 16...NDB RWY 8, AMDT 8...VOR OR TACAN RWY 10, AMDT 2...VOR OR TACAN RWY 26, AMDT 20...VOR OR TACAN RWY 8, AMDT 1...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BQN VOR OUT OF SERVICE. 1702071220-1703071220EST.

FDC 6/6421 SJU IAP LUIS MUNOZ MARIN INTL, SAN JUAN, PR. VOR OR TACAN RWY 26, AMDT 20...TACAN PORTION NA.. RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SJU TACAN OUT OF SERVICE. 1609211829-1610211829EST.

FDC 6/6420 SJU IAP LUIS MUNOZ MARIN INTL, SAN JUAN, PR. VOR OR TACAN RWY 10, AMDT 2...VOR OR TACAN RWY 8, AMDT 1...TACAN PORTION NA. VDP NA. ADF REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, SJU TACAN OUT OF SERVICE. 1609211829-1610211829EST.

FDC 6/4104 SJU SID LUIS MUNOZ MARIN INTL, SAN JUAN, PR. VERMO FIVE DEPARTURE...DEPARTURE PROCEDURE DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BQN R-037 UNUSABLE. 1612202128-1708012128EST.

FDC 6/2318 SJU IAP LUIS MUNOZ MARIN INTL, SAN JUAN, PR. VOR OR TACAN RWY 10, AMDT 2...VOR OR TACAN RWY 26, AMDT 20...VOR OR TACAN RWY 8, AMDT 1...TACAN PORTION NA, SJU TACAN AZIMUTH OUT OF SERVICE. 1612151542-1707271542EST.

RHODE ISLAND

BLOCK ISLAND

Block Island State

FDC 6/5908 BID IAP BLOCK ISLAND STATE, BLOCK ISLAND, RI. VOR RWY 28, AMDT 5...CMDA 640/HAA 532 ALL CATS. PROCEDURE TURN MINIMUM ALTITUDE 1700. MISSED APPROACH: CLIMBING RIGHT TURN TO 1700 IN SEY VOR/DME HOLDING PATTERN. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. MSA FROM SEY VOR/DME 060 - 240 1700. 1612021951-1707141951EST.

FDC 6/5907 BID IAP BLOCK ISLAND STATE, BLOCK ISLAND, RI. VOR/DME RWY 10, AMDT 5C...MSA FROM SEY VOR/DME 060 - 240 1700, 240 - 060 2100. 1612021949-1707141949EST.

NEWPORT

Newport State

FDC 6/4748 UUU IAP NEWPORT STATE, NEWPORT, RI. LOC RWY 22, AMDT 7D...RNAV (GPS) RWY 16, ORIG-B...VOR/DME RWY 16, AMDT 1B...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 34 NA. 1612232003-1708042002EST.

NORTH KINGSTOWN

Quonset State

FDC 6/3091 OQU ODP QUONSET STATE, NORTH KINGSTOWN, RI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 16, TEMP CRANE 4201 FT FROM DER, 69 FT RIGHT OF CENTERLINE, 140 FT AGL/140 FT MSL (2015-ANE-1974-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1608261940-1704071938EST.

PAWTUCKET

North Central State

FDC 7/1020 SFZ IAP NORTH CENTRAL STATE, PAWTUCKET, RI. RNAV (GPS) RWY 23, AMDT 1...LPV DA 679. LNAV/VNAV DA 849. LNAV HAT CATS A/B/C 391. CHART TDZE 429, DELETE THRE 419. CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 23, AMDT 1A. 1702032207-PERM.

FDC 7/1019 SFZ IAP NORTH CENTRAL STATE, PAWTUCKET, RI. RNAV (GPS) RWY 5, AMDT 1...LPV DA 700. LNAV/VNAV DA 835. LNAV HAT CATS A/B/C 371. CHART TDZE 429, DELETE THRE 419. CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, AMDT 1A. 1702032207-PERM.

FDC 7/1018 SFZ IAP NORTH CENTRAL STATE, PAWTUCKET, RI. LOC RWY 5, AMDT 7A...S-5 HAT CATS A/B/C 611. ESULE FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) S-5 HAT CATS A/B/C 371. CHART TDZE 429, DELETE THRE 419. CHART NOTE: CIRCLING RWY 15, 33 NA AT NIGHT. DELETE NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. THIS IS LOC RWY 5, AMDT 7B. 1702032207-PERM.

PROVIDENCE

Theodore Francis Green State

FDC 7/4023 PVD IAP THEODORE FRANCIS GREEN STATE, PROVIDENCE, RI. VOR/DME RWY 23, AMDT 6G...S-23 MDA 480/HAT 430 ALL CATS, VIS CATS A/B RVR 2400, CATS C/D RVR 4000. DISREGARD NOTE: FOR INOPERATIVE MALSR INCREASE S-23 CATS A, B, AND C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000. 1701122336-1708242336EST.

FDC 6/2588 PVD IAP THEODORE FRANCIS GREEN STATE, PROVIDENCE, RI. VOR/DME RWY 34, AMDT 5F...TERMINAL ROUTE: PVD VORTAC R-022/10 DME CW TO PVD VORTAC R-147/10 DME ARC NA. 1611031808-1706151808EST.

SOUTH CAROLINA

ANDERSON

Anderson Rgnl

FDC 7/8843 AND IAP ANDERSON RGNL, ANDERSON, SC. RNAV (GPS) RWY 23, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701292123-1709102123EST.

FDC 7/8841 AND IAP ANDERSON RGNL, ANDERSON, SC. RNAV (GPS) RWY 17, AMDT 1A...CHANGE NIGHT RESTRICTION NOTE TO READ: RWY 17 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 35 NA AT NIGHT. 1701292122-1709102121EST.

FDC 7/8819 AND IAP ANDERSON RGNL, ANDERSON, SC. RNAV (GPS) RWY 35, AMDT 1A...CHANGE NIGHT RESTRICTION NOTE TO READ: RWY 35 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 17 NA AT NIGHT.. 1701291628-1709101628EST.

CHARLESTON

Charleston AFB/Intl

FDC 6/8598 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. RNAV (RNP) Z RWY 21, ORIG-B...RNP 0.21 DA 427/HAT 387, VIS 1 1/4 ALL CATS. TEMP CRANE 206 MSL 1448 FT SE OF RWY 21 (2016-ASO-2698-NRA). EXCEPT WHEN ADVISED BY ATC THAT CRANE IS DOWN. 1609271444-1705091444EST.

FDC 6/4338 CHS IAP CHARLESTON AFB/INTL, CHARLESTON, SC. RNAV (GPS) Y RWY 21, AMDT 2B...LPV DA 351/HAT 311, VIS 1 ALL CATS. TEMP CRANE 206 MSL 1448 FT SE OF RWY 21 (2016-ASO-2698-NRA). EXCEPT WHEN ADVISED BY ATC THAT CRANE IS DOWN. 1610051934-1705171934EST.

CHERAW

Cheraw Muni/Lynch Bellinger Field

FDC 6/4410 CQW IAP CHERAW MUNI/LYNCH BELLINGER FIELD, CHERAW, SC. RNAV (GPS) RWY 8, ORIG-A...PROCEDURE NA AT NIGHT. 1610201742-1706011742EST.

CHESTER

Chester Catawba Rgnl

FDC 7/1089 DCM CHART CHESTER CATAWBA RGNL, CHESTER, SC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051410-PERM.

FDC 6/9087 DCM STAR CHESTER CATAWBA RGNL, CHESTER, SC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

COLUMBIA

Columbia Metropolitan

FDC 7/2141 CAE IAP COLUMBIA METROPOLITAN, COLUMBIA, SC. ILS OR LOC RWY 5, AMDT 1C...MISSED APPROACH WHEN ASSIGNED BY ATC, CLIMB TO 2500 ON HEADING 050 FOR RADAR VECTORS. 1702072251-1709192251EST.

FDC 7/0990 CAE IAP COLUMBIA METROPOLITAN, COLUMBIA, SC. ILS OR LOC RWY 11, AMDT 15...S-LOC 11 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MURRY (CA) LOM OUT OF SERVICE. 1702032004-1703032004EST.

FDC 6/8909 CAE IAP COLUMBIA METROPOLITAN, COLUMBIA, SC. RNAV (GPS) RWY 23, AMDT 2...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 69). CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612081420-1707201420EST.

Jim Hamilton L B Owens

FDC 7/8871 CUB IAP JIM HAMILTON L B OWENS, COLUMBIA, SC. GPS RWY 31, ORIG-B...LOC RWY 31, AMDT 1A...PROCEDURE NA AT NIGHT. 1701292144-1709102144EST.

DARLINGTON

Darlington County

FDC 6/1880 UDG IAP DARLINGTON COUNTY, DARLINGTON, SC. VOR/DME-A, AMDT 7A...PROCEDURE NA. 1608111251-1703231251EST.

DILLON

Dillon County

FDC 7/2139 DLC IAP DILLON COUNTY, DILLON, SC. VOR/DME OR GPS RWY 7, AMDT 5A...DESCENT ANGLE NA. 1702072248-1709192248EST.

FDC 6/0636 DLC IAP DILLON COUNTY, DILLON, SC. VOR/DME OR GPS RWY 7, AMDT 5A...PROCEDURE NA AT NIGHT. 1610141746-1705261746EST.

FLORENCE

Florence Rgnl

FDC 7/2143 FLO ODP FLORENCE RGNL, FLORENCE, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...TAKEOFF MINIMUMS: RWY 1, STANDARD WITH MINIMUM CLIMB OF 224 FT PER NM TO 1300. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072252-1709192252EST.

FDC 6/2654 FLO IAP FLORENCE RGNL, FLORENCE, SC. RNAV (GPS) RWY 1, ORIG-A...DESCENT ANGLE 3.02/TCH 57 NA. 1611232112-1707052112EST.

FDC 6/2649 FLO IAP FLORENCE RGNL, FLORENCE, SC. RNAV (GPS) RWY 19, ORIG-A...DESCENT ANGLE 3.04/TCH 42 NA. 1611232111-1707052111EST.

GREENVILLE

Donaldson Field

FDC 7/9460 GYH IAP DONALDSON FIELD, GREENVILLE, SC. ILS OR LOC RWY 5, AMDT 5A...S-LOC 5 DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, DYANA (GY) LOM OUT OF SERVICE. 1701312309-1703022309EST.

Greenville Downtown

FDC 7/1344 GMU CHART GREENVILLE DOWNTOWN, GREENVILLE, SC. BIMMR ONE DEPARTURE (RNAV) (BIMMR1.BIMMR)...BWALL ONE DEPARTURE (RNAV) (BWALL1.BWALL)...CORRECT COMMUNICATIONS DATA: CHANGE TOWER NAME TO READ GREENVILLE TOWER INSTEAD OF DOWNTOWN TOWER. ALL OTHER INFORMATION REMAINS THE SAME. 1701051715-PERM.

GREER

Greenville Spartanburg Intl

FDC 6/6629 GSP IAP GREENVILLE SPARTANBURG INTL, GREER, SC. RNAV (GPS) RWY 4, AMDT 2...LPV DA 1147/HAT 200 ALL CATS. LNAV/VNAV DA 1422/HAT 475 ALL CATS. LNAV MDA 1400/HAT 453 ALL CATS. CHANGE THRE 941 TO READ TDZE 947. 1610111341-1705231341EST.

LAKE CITY

Lake City Muni Cj Evans Field

FDC 7/6567 51J IAP LAKE CITY MUNI CJ EVANS FIELD, LAKE CITY, SC. RNAV (GPS) RWY 19, ORIG...NOTE: DESCENT ANGLE 3.04/TCH 40 NA. 1701222032-1709032032EST.

LANCASTER

Lancaster County-Mc Whirter Field

FDC 7/1092 LKR CHART LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051414-PERM.

FDC 7/0014 LKR IAP LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC. VOR/DME-A, AMDT 1...PROCEDURE NA. 1702012217-1709132217EST.

FDC 6/9088 LKR STAR LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/5719 LKR SID LANCASTER COUNTY-MC WHIRTER FIELD, LANCASTER, SC. BOBCAT SEVEN DEPARTURE...ZAVR TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

LAURENS

Laurens County

FDC 6/8351 LUX IAP LAURENS COUNTY, LAURENS, SC. RNAV (GPS) RWY 26, ORIG...CIRCLING CAT A MDA 1200/HAA 503. 1609262128-1705082128EST.

FDC 6/6869 LUX IAP LAURENS COUNTY, LAURENS, SC. RNAV (GPS) RWY 8, ORIG...CIRCLING CAT A MDA 1200/HAA 503. 1610111607-1705231607EST.

MANNING

Santee Cooper Rgnl

FDC 6/8265 MNI IAP SANTEE COOPER RGNL, MANNING, SC. VOR/DME OR GPS-A, AMDT 4...VOR PORTION NA. 1609261955-1705081955EST.

MONCKS CORNER

Berkeley County

FDC 6/1475 MKS IAP BERKELEY COUNTY, MONCKS CORNER, SC. VOR/DME-A, ORIG-A...PROCEDURE NA. 1609301942-1705121942EST.

MYRTLE BEACH

Myrtle Beach Intl

FDC 7/0316 MYR IAP MYRTLE BEACH INTL, MYRTLE BEACH, SC. ILS OR LOC RWY 18, AMDT 4...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HYW NDB AND HOLD (ADF REQUIRED). CRE TACAN OUT OF SERVICE. 1701031724-1708151724EST.

FDC 7/0315 MYR IAP MYRTLE BEACH INTL, MYRTLE BEACH, SC. VOR/DME-A, AMDT 2...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRE TACAN OUT OF SERVICE. 1701031724-1708151724EST.

NORTH MYRTLE BEACH

Grand Strand

FDC 7/0314 CRE IAP GRAND STRAND, NORTH MYRTLE BEACH, SC. VOR RWY 5, AMDT 22...BAYAV FIX MINIMUMS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRE TACAN OUT OF SERVICE. VDP NA, CRE TACAN OUT OF SERVICE. 1701031724-1708151724EST.

FDC 7/0313 CRE IAP GRAND STRAND, NORTH MYRTLE BEACH, SC. VOR RWY 23, AMDT 20...WAGRA FIX MINIMUMS: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, CRE TACAN OUT OF SERVICE. 1701031724-1708151724EST.

FDC 6/0409 CRE IAP GRAND STRAND, NORTH MYRTLE BEACH, SC. ILS OR LOC/DME RWY 23, AMDT 12...TERMINAL ROUTES ASHES INT/CRE VORTAC 18.5 DME (IAF) TO FIPEG/I-CRE 12 DME (NOPT) AND CHAMS INT/CRE VORTAC 16.6 DME (IAF) TO FIPEG/I-CRE 12 DME (NOPT) NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CRE VORTAC UNUSABLE. 1611181255-1706301255EST.

ORANGEBURG

Orangeburg Muni

FDC 7/8811 OGB ODP ORANGEBURG MUNI, ORANGEBURG, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A...NOTE: RWY 35, POWER POLE 3374 FT FROM DER, 662 FT RIGHT OF CENTERLINE, 97 FT AGL/296 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701291621-1709101621EST.

FDC 6/1477 OGB IAP ORANGEBURG MUNI, ORANGEBURG, SC. RNAV (GPS) RWY 5, AMDT 1B...LNAV VIS CAT A/B 1, CAT C/D VIS 1 1/8. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBIA METROPOLITAN ALTIMETER SETTING AND INCREASE LPV DA TO 542, LNAV/VNAV DA TO 683 AND ALL MDA 80 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1611202018-1707022018EST.

ROCK HILL

Rock Hill/York Co/Bryant Field

FDC 7/1084 UZA CHART ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC. UNARM FOUR ARRIVAL (UNARM.UNARM4)...CORRECT COMMUNICATIONS DATA: DELETE ALL SECTORIZED FREQUENCIES FOR CHARLOTTE APP CON. ADD CHARLOTTE APP CON FREQUENCIES 135.6 AND 377.15. 1701051400-PERM.

FDC 7/0681 UZA IAP ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC. RNAV (GPS) RWY 20, AMDT 1...LPV DA 912. LNAV/VNAV DA 1039. LNAV HAT 398 ALL CATS. CHART TDZE 662, DELETE THRE 661. CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 20, AMDT 1A. 1702022029-PERM.

FDC 6/9082 UZA STAR ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC. RASLN ONE ARRIVALREVISE VERTICAL NAVIGATION PLANNING INFORMATION AT RASLN TO READ TURBOPROP/PROP LANDING NORTH EXPECT 8000FT LANDING SOUTH EXPECT 10000FT TURBOJET LANDING NORTH EXPECT 11000FT AND 250K LANDING SOUTH EXPECT 14000FT AND 250K. 1607210900-1707210900EST.

FDC 6/5722 UZA SID ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC. BOBCAT SEVEN DEPARTURE...ZAUVER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CLT VOR/DME RADIALS R-270 TO R-280 UNUSABLE. 1612301915-1704301915EST.

FDC 5/6584 UZA STAR ROCK HILL/YORK CO/BRYANT FIELD, ROCK HILL, SC SHINE SIX ARRIVAL PROCEDURE NOT AUTHORIZED 1510150400-PERM.

SUMMERVILLE

Summerville

FDC 7/6340 DYB IAP SUMMERVILLE, SUMMERVILLE, SC. RNAV (GPS) RWY 6, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. LNAV MDA NA. 1701201834-1709011834EST.

FDC 7/4467 DYB IAP SUMMERVILLE, SUMMERVILLE, SC. NDB RWY 6, AMDT 1A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1701141900-1708261900EST.

UNION

Union County, Troy Shelton Field

FDC 7/1436 35A IAP UNION COUNTY, TROY SHELTON FIELD, UNION, SC. RNAV (GPS) RWY 5, ORIG-A...LP HAT CATS A/B 396 LNAV HAT CATS A/B 436. CHART TDZE 604, DELETE THRE 573. CHART NOTE: RWY 5, 23 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE PROFILE NOTE: DESCENT ANGLE NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 5, ORIG-B. 1702061842-PERM.

WINNSBORO

Fairfield County

FDC 7/2223 FDW IAP FAIRFIELD COUNTY, WINNSBORO, SC. RNAV (GPS) RWY 22, AMDT 1B...STRAIGHT-IN RWY 22 PROCEDURES NA.. 1702072333-1709192333EST.

FDC 7/2221 FDW IAP FAIRFIELD COUNTY, WINNSBORO, SC. RNAV (GPS) RWY 4, AMDT 1B...LPV DA NA, LNAV/VNAV DA NA. 1702072331-1709192331EST.

SOUTH DAKOTA

ABERDEEN

Aberdeen Rgnl

FDC 6/0264 ABR ODP ABERDEEN RGNL, ABERDEEN, SD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 17 NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1611172207-1706292207EST.

FDC 6/0263 ABR IAP ABERDEEN RGNL, ABERDEEN, SD. RNAV (GPS) RWY 35, ORIG...PROCEDURE NA. 1611172207-1706292207EST.

CHAMBERLAIN

Chamberlain Muni

FDC 6/1606 9V9 IAP CHAMBERLAIN MUNI, CHAMBERLAIN, SD. RNAV (GPS) RWY 13, ORIG...RNAV (GPS) RWY 31, ORIG...DESCENT ANGLE 3.05/TCH 40 NA. 1611202326-1707022326EST.

HURON

Huron Rgnl

FDC 6/8585 HON IAP HURON RGNL, HURON, SD. ILS OR LOC RWY 12, AMDT 10...RNAV (GPS) RWY 12, ORIG...VOR RWY 12, AMDT 22...NOTE: CIRCLING RWY 17, 35 NA AT NIGHT. 1612072206-1707192206EST.

FDC 6/8504 HON IAP HURON RGNL, HURON, SD. LOC/DME BC RWY 30, AMDT 13...RNAV (GPS) RWY 30, AMDT 1A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: CIRCLING RWY 17, 35 NA AT NIGHT. 1612072131-1707192130EST.

MADISON

Madison Muni

FDC 6/7979 MDS IAP MADISON MUNI, MADISON, SD. RNAV (GPS) RWY 15, ORIG-A...DISREGARD NOTES: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. WHEN RWY 33 VGSI INOPERATIVE, CIRCLING TO RWY 33 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. VDP 1.16 NM TO RW15. 1612071454-1707191454EST.

MARTIN

Martin Muni

FDC 7/0442 9V6 IAP MARTIN MUNI, MARTIN, SD. RNAV (GPS) RWY 32, ORIG-A...LPV MINIMUMS NA. 1701032158-1708152158EST.

RAPID CITY

Rapid City Rgnl

FDC 6/3551 RAP IAP RAPID CITY RGNL, RAPID CITY, SD. ILS OR LOC RWY 32, AMDT 20...S-LOC 32: DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RANCH (RA) LOM OUT OF SERVICE. 1609161432-1704281432EST.

SIOUX FALLS

Joe Foss Field

FDC 6/5069 FSD ODP JOE FOSS FIELD, SIOUX FALLS, SD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...TAKEOFF MINIMUMS: RWY 9/27 NA- ATC. ALL OTHER DATA REMAINS AS PUBLISHED. 1612271550-1708081548EST.

SPEARFISH

Black Hills-Clyde Ice Field

FDC 6/1540 SPF IAP BLACK HILLS-CLYDE ICE FIELD, SPEARFISH, SD. RNAV (GPS) RWY 31, ORIG-C...LPV CATS A/B/C VISIBILITY 1 MILE. LNAV MDA 5480/HAT 1585 ALL CATS, VISIBILITY CAT B 1 1/2, CAT C 3. CIRCLING MDA 5480/HAA 1547 ALL CATS, VISIBILITY CAT C 3. ALTERNATE MINIMUMS: CATEGORY A/B: 1600-2, CATEGORY C:1600-3. NOTE: CIRCLING NA TO RWYS 8, 26 AND 4, 22. 1611202055-1707022055EST.

FDC 6/1538 SPF IAP BLACK HILLS-CLYDE ICE FIELD, SPEARFISH, SD. RNAV (GPS) RWY 13, ORIG-C...CIRCLING MDA 5480/HAA 1547 ALL CATS, VISIBILITY CAT C 3. NOTE: CIRCLING NA TO RWYS 8, 26 AND 4, 22. 1611202054-1707022054EST.

TENNESSEE

ATHENS

Athens Rgnl Medical Center

FDC 6/6904 2TN5 SPECIAL ATHENS RGNL MEDICAL CENTER, ATHENS, TN. COPTER RNAV (GPS) 200 DEPARTURE (PILOT NAV)...PROCEDURE NA. 1611122321-1706242321EST.

BRISTOL/JOHNSON/KINGSPORT

Tri-Cities Rgnl Tn/Va

FDC 6/6560 TRI ODP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. TRICITIES ONE DEPARTURE...TAKEOFF MINIMUMS: RWY 9, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 216 FT PER NM TO 1800, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1600 FT PRIOR TO DER. RWY 23, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 367 FT PER NM TO 1800. RWY 27, 400-2 1/4. ALL OTHER DATA REMAINS AS PUBLISHED. 1610111224-1705231219EST.

FDC 6/6331 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. RNAV (GPS) RWY 27, ORIG...DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 27 NA AT NIGHT. CIRCLING TO RWY 9 NA AT NIGHT. STRAIGHT-IN MINIMUMS NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9, 27 NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1610100243-1705220243EST.

FDC 6/6328 TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTES: STRAIGHT-IN MINIMUMS NA AT NIGHT. CIRCLING TO RWY 9 NA AT NIGHT. WHEN VGSI INOPERATIVE, CIRCLING TO RWY 27 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 9, 27 NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1610100242-1705220242EST.

CAMDEN

Benton County

FDC 6/0777 0M4 IAP BENTON COUNTY, CAMDEN, TN. VOR/DME RWY 4, AMDT 4A...PROCEDURE NA. 1611182050-1706302050EST.

CHATTANOOGA

Erlanger Medical Center

FDC 6/6908 0TN8 SPECIAL ERLANGER MEDICAL CENTER, CHATTANOOGA, TN. COPTER GPS 032 DEPARTURE (PILOT NAV)...PROCEDURE NA. 1611122322-1706242322EST.

CLARKSVILLE

Outlaw Field

FDC 6/7776 CKV IAP OUTLAW FIELD, CLARKSVILLE, TN. VOR RWY 35, AMDT 15G...CIRCLING CAT D MDA 1200/HAA 650. CHART CIRCLING ICON. CHANGE BACKUP ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMPBELL AAF ALTIMETER SETTING. DELETE NOTE: NIGHT LANDING: RWY 5/23 NA. CHART NOTE: CIRCLING RWY 23 NA AT NIGHT. CHART CAMPBELL MOA. 1612071313-1707191311EST.

CLEVELAND

Cleveland Rgnl Jetport

FDC 6/2368 RZR IAP CLEVELAND RGNL JETPORT, CLEVELAND, TN. RNAV (GPS) RWY 3, AMDT 1A...LPV DA/HAT1596/753 ALL CATS, VISIBILITY ALL CATS 3. LNAV/VNAV DA/HAT1616/782 ALL CATS, VISIBILITY ALL CATS 3. CHANGE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATTANOOGA ALTIMETER SETTING AND INCREASE LPV DA TO 1673 ALL CATS; INCREASE LNAV/VNAV DA TO 1693; INCREASE ALL MDA 80 FEET AND INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/4. 1609151250-1704271250EST.

COLUMBIA/MOUNT PLEASANT

Maury County

FDC 6/2729 MRC ODP MAURY COUNTY, COLUMBIA/MOUNT PLEASANT, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...DEPARTURE PROCEDURE : TAKEOFF MINIMUMS: RWY 6, 400-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 293 FEET PER NM TO 1100. ALL OTHER DATA REMAINS AS PUBLISHED. 1611032025-1706152025EST.

FDC 6/1119 MRC IAP MAURY COUNTY, COLUMBIA/MOUNT PLEASANT, TN. RNAV (GPS) RWY 24, ORIG...LNAV MDA 1220/HAT 539 ALL CATS. VDP 1.6 NM TO RW24. 1611201504-1707021504EST.

COPPERHILL

Copper Basin Medical Center

FDC 7/1788 23TN SPECIAL COPPER BASIN MEDICAL CENTER, COPPERHILL, TN. COPTER RNAV 330, ORIG...MISSED APPROACH: CLIMB TO 6400 DIRECT EPYAP WP AND HOLD. 1701061628-1708181628EST.

DAYTON

Mark Anton

FDC 7/0664 2A0 IAP MARK ANTON, DAYTON, TN. RNAV (GPS) RWY 21, AMDT 1...CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART TDZE 718, DELETE THRE 718. THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1702022020-PERM.

FDC 7/0663 2A0 IAP MARK ANTON, DAYTON, TN. RNAV (GPS) RWY 3, ORIG...LPV DA 964. LNAV/VNAV DA 1213. LNAV HAT 466 ALL CATS. CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART TDZE 714, DELETE THRE 711. THIS IS RNAV (GPS) RWY 3, ORIG-A. 1702022020-PERM.

DICKSON

Dickson Muni

FDC 6/4472 M02 IAP DICKSON MUNI, DICKSON, TN. VOR/DME RWY 17, AMDT 4F...PROCEDURE NA. 1611081426-1706201426EST.

DUNLAP

Sequatchie County

FDC 7/1798 18TN SPECIAL SEQUATCHIE COUNTY, DUNLAP, TN. COPTER RNAV 221, ORIG...MISSED APPROACH: CLIMBING LEFT TURN TO 4000 DIRECT TO ENOGY WP AND HOLD. 1701061637-1708181637EST.

GREENEVILLE

Greeneville-Greene County Muni

FDC 7/7556 GCY IAP GREENEVILLE-GREENE COUNTY MUNI, GREENEVILLE, TN. NDB RWY 5, AMDT 5...S-5 HAT 552 ALL CATS. CHART TDZE 1608, DELETE THRE 1590. CHART NOTE: CIRCLING RWY 23 NA AT NIGHT. DELETE NOTE: NIGHT LANDING: RWY 23 NA. THIS IS NDB RWY 5, AMDT 5A. 1701251449-PERM.

FDC 7/7555 GCY IAP GREENEVILLE-GREENE COUNTY MUNI, GREENEVILLE, TN. RNAV (GPS) RWY 5, ORIG...LPV DA 1876. LNAV/VNAV DA 2189. LNAV HAT 532 ALL CATS. CHART TDZE 1608, DELETE THRE 1590. CHART NOTE: CIRCLING RWY 23 NA AT NIGHT. DELETE NOTE: NIGHT LANDING: RWY 23 NA. THIS IS RNAV (GPS) RWY 5, ORIG-A. 1701251449-PERM.

HOHENWALD

John A Baker Fld

FDC 6/8604 0M3 IAP JOHN A BAKER FLD, HOHENWALD, TN. RNAV (GPS) RWY 2, AMDT 1...PROCEDURE NA AT NIGHT. 1609081206-1704201206EST.

JACKSON

Mc Kellar-Sipes Rgnl

FDC 7/2145 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. VOR RWY 2, AMDT 13...NOTE: NIGHT LANDING: RWY 29 NA. 1702072254-1709192254EST.

FDC 6/9887 MKL IAP MC KELLAR-SIPES RGNL, JACKSON, TN. ILS OR LOC RWY 2, AMDT 8B...ADD NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1100. 1610141220-1705261220EST.

JAMESTOWN

Jamestown Muni

FDC 7/8287 2A1 IAP JAMESTOWN MUNI, JAMESTOWN, TN. VOR/DME OR GPS-A, AMDT 1B...VOR/DME PORTION NA, LVT VOR OUT OF SERVICE. 1701261956-1702261956EST.

KNOXVILLE

Mc Ghee Tyson

FDC 6/8244 TYS ODP MC GHEE TYSON, KNOXVILLE, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKE-OFF MINIMUMS: RWY 05L, NA. ALL OTHER DATA REMAINS AS PUBLISHED. 1610121911-1705241911EST.

FDC 6/7486 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. VOR RWY 23L, AMDT 5...PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 50.1). 1609231933-1705051933EST.

FDC 6/7485 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. HI-ILS OR LOC RWY 23L, ORIG...PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 50.1) THIS IS A MILITARY NOTAM...1609231933-1705051933EST.

FDC 6/7480 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. ILS OR LOC RWY 23L, ORIG...PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. (VGSI ANGLE 3.00 /TCH 50.1). 1609231933-1705051933EST.

FDC 6/2222 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. RADAR-1, AMDT 22...CIRCLING CAT B MDA 1540/HAA 559. 1611031503-1706151503EST.

FDC 5/5062 TYS IAP MC GHEE TYSON, KNOXVILLE, TN. ILS OR LOC RWY 23R, AMDT 12...VOR RWY 23L, AMDT 5...VOR RWY 23R, AMDT 7...ILS RWY 23R (SA CAT I) AMDT 12...ILS RWY 23R (CAT II) AMDT 12...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, HCH VOR OUT OF SERVICE. 1506090448-1507090448EST.

LAWRENCEBURG

Lawrenceburg-Lawrence County

FDC 7/8616 2M2 IAP LAWRENCEBURG-LAWRENCE COUNTY, LAWRENCEBURG, TN. RNAV (GPS) RWY 35, ORIG-A...CHART TDZE 927. DELETE THRE 927. CHART NOTE: CIRCLING RWY 17 NA AT NIGHT. CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 35, ORIG-B. 1701272000-PERM.

FDC 7/0850 2M2 IAP LAWRENCEBURG-LAWRENCE COUNTY, LAWRENCEBURG, TN. RNAV (GPS) RWY 17, ORIG-A...CHART TDZE 936, DELETE THRE 936. CHART NOTE: STRAIGHT-IN RWY 17 NA AT NIGHT, CIRCLING RWY 17 NA AT NIGHT. CHART NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: NIGHT LANDING: RWY 17 NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 17, ORIG-B. 1702031315-PERM.

LEWISBURG

Ellington

FDC 7/8083 LUG IAP ELLINGTON, LEWISBURG, TN. RNAV (GPS) RWY 20, AMDT 1...CHART TDZE 709, DELETE THRE 709. CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: RWY 20 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 20, AMDT 1A. 1701261530-PERM.

FDC 7/6855 LUG IAP ELLINGTON, LEWISBURG, TN. RNAV (GPS) RWY 2, AMDT 1...CHART TDZE 717, DELETE THRE 717. CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: STRAIGHT-IN RWY 2 NA AT NIGHT, CIRCLING RWY 2 NA AT NIGHT. DELETE NOTE: RWY 2 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 2, AMDT 1A. 1701232013-PERM.

FDC 7/6342 LUG ODP ELLINGTON, LEWISBURG, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 20, 500-2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 1400. NOTE: RWY 2, TREES AND NAVAID BEGINNING 5 FT FROM DER, 496 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/765 FT MSL. NAVAID 8 FT FROM DER, 112 FT LEFT OF CENTERLINE, 10 FT AGL/710 FT MSL. VEHICLES ON ROAD BEGINNING 353 FT FROM DER, 594 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/727 FT MSL. TREES BEGINNING 405 FT FROM DER, 569 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/753 FT MSL. TREES BEGINNING 2071 FT FROM DER, 321 FT LEFT OF CENTERLINE, UP TO 89 FT AGL/789 FT MSL. TREES AND TOWER BEGINNING 2182 FT FROM DER, 117 FT RIGHT OF CENTERLINE, UP TO 117 FT AGL/798 FT MSL. RWY 20, TREES AND POLES BEGINNING 38 FT FROM DER, 418 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/790 FT MSL. SIGN, TREES, POLES, VEHICLES ON ROAD, WINDSOCK AND BUILDINGS BEGINNING 56 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/786 FT MSL. TREES BEGINNING 1988 FT FROM DER, 701 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/806 FT MSL. TREES BEGINNING 1857 FT FROM DER, 466 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/806 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701201836-1709011836EST.

LIVINGSTON

Livingston Hospital

FDC 7/1549 34TN SPECIAL LIVINGSTON HOSPITAL, LIVINGSTON, TN. COPTER RNAV 243 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052145-1708172145.

MANCHESTER

Medical Center Manchester

FDC 7/1548 24TN SPECIAL MEDICAL CENTER MANCHESTER, MANCHESTER, TN. COPTER RNAV 280 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052145-1708172145.

MEMPHIS

General Dewitt Spain

FDC 6/1103 M01 IAP GENERAL DEWITT SPAIN, MEMPHIS, TN. RNAV (GPS) RWY 17, ORIG...LNAV/VNAV CATS A/B/C DA 1016/HATH 791. VIS CATS A/B/C 3. NIGHT LANDING: RWY 35 NA. 1611201457-1707021457EST.

Memphis Intl

FDC 6/3670 MEM IAP MEMPHIS INTL, MEMPHIS, TN. RNAV (RNP) X RWY 18R, ORIG-D...PROCEDURE NA. 1610201229-1706011229EST.

MILLINGTON

Charles W Baker

FDC 6/1131 2M8 IAP CHARLES W BAKER, MILLINGTON, TN. RNAV (GPS) RWY 18, ORIG...LNAV MDA 740/HAT 493 ALL CATS. VIS CAT C 1 3/8. ZIDCU STEPDOWN 820* NA. FAS OBST: 490 TREE 351935N/0895556W. 1611201511-1707021511EST.

FDC 6/1116 2M8 IAP CHARLES W BAKER, MILLINGTON, TN. RNAV (GPS) RWY 36, ORIG...LNAV MDA 760/HAT 518 ALL CATS. VIS CAT C 1 3/8. JEPGU STEPDOWN *880 NA. FAS OBST IS 497 POWER POLE 351406N/0895531W. 1611201503-1707021503EST.

MILLINGTON/MEMPHIS

Millington Rgnl Jetport

FDC 6/6209 NQA ODP MILLINGTON RGNL JETPORT, MILLINGTON, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG.TAKEOFF MINIMUMS: RWY 4. 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 600. TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, TREE 62 FT FROM DER, 339 FT LEFT OF CENTERLINE, 365 FT MSL. TREE 79 FT FROM DER, 487 FT LEFT OF CENTERLINE, 382 FT MSL. GRD 96 FT FROM DER, 326 FT RIGHT OF CENTERLINE, 328 FT MSL. TREES, BEGINNING 247 FT FROM DER, 471 FT LEFT OF CENTERLINE, UP TO 387 FT MSL. FENCE BEGINNING 318 FT FROM DER, 488 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/336 FT MSL. TREE 586 FT FROM DER, 591 FT RIGHT OF CENTERLINE, 368 FT MSL. TREES BEGINNING 687 FT FROM DER, 119 FT RIGHT OF CENTERLINE, UP TO 388 FT MSL. TREE 2242 FT FROM DER, 924 FT LEFT OF CENTERLINE, 409 FT MSL. TREE 2354 FT FROM DER, 865 FT RIGHT OF CENTERLINE, 410 FT MSL. TREES BEGINNING 2382 FT FROM DER, 910 FT RIGHT OF CENTERLINE, UP TO 431 FT MSL. TREES BEGINNING 2408 FT FROM DER, 952 FT LEFT OF CENTERLINE, UP TO 428 FT MSL. TREES BEGINNING 3274 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 444 FT MSL. TREES BEGINNING 3920 FT FROM DER, 802 FT LEFT OF CENTERLINE, UP TO 434 FT MSL. TREES BEGINNING 4190 FT FROM DER, 132 FT LEFT OF CENTERLINE, UP TO 448 FT MSL. TREES BEGINNING 4193 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 459 FT MSL. TREES BEGINNING 4254 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 457 FT MSL. TREES BEGINNING 4751 FT FROM DER, 585 FT RIGHT OF CENTERLINE, UP TO 471 FT MSL. TREE 5332 FT FROM DER, 1692 FT LEFT OF CENTERLINE, 470 FT MSL. TREE 5476 FT FROM DER, 1873 FT LEFT OF CENTERLINE, 484 FT MSL. TREES BEGINNING 5606 FT FROM DER, 1821 FT LEFT OF CENTERLINE, UP TO 489 FT MSL. RWY 22, GRD 44 FT FROM DER, 484.77 FT LEFT OF CENTERLINE, 278 FT MSL. TREE 197 FT FROM DER, 497 FT LEFT OF CENTERLINE, 289 FT MSL. TREE 1368 FT FROM DER, 818 FT RIGHT OF CENTERLINE, 335 FT MSL. TREE 3439 FT FROM DER, 1343 FT RIGHT OF CENTERLINE, 371 FT MSL. TREE 3835 FT FROM DER, 670 FT R

MOUNTAIN CITY

Johnson County

FDC 7/0391 6A4 ODP JOHNSON COUNTY, MOUNTAIN CITY, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG...CHANGE RWY 24 TAKEOFF MINIMUMS TO READ: 3400-3 FOR CLIMB IN VISUAL CONDITIONS. ADD TO DEPARTURE PROCEDURE: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701032119-1708152119EST.

MURFREESBORO

Murfreesboro Muni

FDC 7/8958 MBT ODP MURFREESBORO MUNI, MURFREESBORO, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3-...NOTE: RWY 36, LIGHT POLE 483 FEET FROM DER, 613 FEET LEFT OF CENTERLINE, 59 FT AGL/613 FT MSL.. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292343-1709102343EST.

NASHVILLE

Nashville Intl

FDC 7/8288 BNA IAP NASHVILLE INTL, NASHVILLE, TN. ILS OR LOC RWY 2C, AMDT 1C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LVT VOR OUT OF SERVICE. 1701261956-1702261956EST.

FDC 7/1562 BNA IAP NASHVILLE INTL, NASHVILLE, TN. ILS OR LOC RWY 2C, AMDT 1C...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. LVT R-270 UNUSABLE AT TANDS. 1701052210-1708172210EST.

FDC 7/0440 BNA SID NASHVILLE INTL, NASHVILLE, TN. PREDS THREE DEPARTURE (RNAV)...DEPARTURE PROCEDURE NA. 1701032157-1708152157EST.

FDC 6/6586 BNA SID NASHVILLE INTL, NASHVILLE, TN. CHADM THREE DEPARTURE (RNAV)...DANLS THREE DEPARTURE (RNAV)...DRURY THREE DEPARTURE (RNAV)...EVVAN THREE DEPARTURE (RNAV)...FLAME THREE DEPARTURE (RNAV)...GDOGG THREE DEPARTURE (RNAV)...HGGRD THREE DEPARTURE (RNAV)...KRSTA THREE DEPARTURE (RNAV)...NASHVILLE FOUR DEPARTURE...PARDN THREE DEPARTURE (RNAV)...TAZMO THREE DEPARTURE (RNAV)...TIPPN THREE DEPARTURE (RNAV)...TAKEOFF OBSTACLE NOTES: RWY 31: TEMP CRANE 1358 FT FROM DER, 607 FT LEFT OF CENTERLINE, 120 FT AGL/640 FT MSL (2016-ASO-24374-OE). ALL OTHER DATA REMAINS AS PUBLISHED. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 1612061223-1707181223EST.

FDC 6/6585 BNA ODP NASHVILLE INTL, NASHVILLE, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8-...NOTE: RWY 31, TEMP CRANE 1358 FT FROM DER, 607 FT LEFT OF CENTERLINE, 120 FT AGL/640 FT MSL (2016-ASO-24374-OE). ALL OTHER DATA REMAINS AS PUBLISHED. EXCEPT WHEN ADVISED BY ATCT THAT THIS CRANE IS DOWN. 1612061223-1707181223EST.

FDC 6/5004 BNA SPECIAL NASHVILLE INTL, NASHVILLE, TN. HEHAW SIX ARRIVAL...MINIMUM ALTITUDE AT GRNIN INT 11000. TERMINAL ROUTE MYS VOR TO GRNIN INT MINIMUM ALTITUDE 11000. 1609201235-1705021235EST.

FDC 6/4796 BNA IAP NASHVILLE INTL, NASHVILLE, TN. ILS OR LOC/DME RWY 2R, AMDT 8B...ILS RWY 2R (SA CAT I), AMDT 8B...ILS RWY 2R, (CAT II AND III), AMDT 8B...VOR/DME RWY 13, AMDT 13D...THE BWG 161 RADIAL MAY NOT BE USED TO IDENTIFY THE LENON FIX ON THE PUBLISHED MISSED APPROACH HOLDING PATTERN 1608301932-1704111929EST.

FDC 6/3982 BNA IAP NASHVILLE INTL, NASHVILLE, TN. ILS OR LOC RWY 20R, AMDT 10C...ILS OR LOC RWY 2L, AMDT 10A...ILS OR LOC RWY 31, AMDT 9A...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, GHM VORTAC OUT OF SERVICE. 1612201503-1708011503EST.

NEWPORT

Cocke County Baptist Hospital

FDC 7/1767 26TN SPECIAL COCKE COUNTY BAPTIST HOSPITAL, NEWPORT, TN. COPTER RNAV (GPS) 188, ORIG...H-188 MDA 1880/HAS 580. MISSED APPROACH: CLIMBING LEFT TURN TO 4900 DIRECT ZIOL WP AND HOLD. 1701061538-1708181538EST.

FDC 7/1544 26TN SPECIAL COCKE COUNTY BAPTIST HOSPITAL, NEWPORT, TN. COPTER RNAV (GPS) 008 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052145-1708172145.

PARIS

Henry County

FDC 6/4633 PHT IAP HENRY COUNTY, PARIS, TN. RNAV (GPS) RWY 20, AMDT 1...CHANGE HELICOPTER RESTRICTION NOTE TO READ: VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1609191747-1705011747EST.

PIKEVILLE

Bledsoe County Hospital

FDC 7/1538 29TN SPECIAL BLEDSOE COUNTY HOSPITAL, PIKEVILLE, TN. COPTER RNAV 065 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

FDC 7/0256 29TN SPECIAL BLEDSOE COUNTY HOSPITAL, PIKEVILLE, TN. COPTER RNAV 065 DEPARTURE (PILOT NAV)...PROCEDURE NA. 1701031626-1708151626EST.

ROGERSVILLE

Hawkins County

FDC 6/1679 RVN IAP HAWKINS COUNTY, ROGERSVILLE, TN. GPS RWY 7, ORIG-B...S-7 MINIMUMS NA. TRI-CITIES RGNL ALTIMETER SETTING S-7 MINIMUMS NA. 1611021913-1706141913EST.

SAVANNAH

Savannah-Hardin County

FDC 6/8898 SNH IAP SAVANNAH-HARDIN COUNTY, SAVANNAH, TN...VOR/DME RWY 19 AMDT 5C...PROCEDURE NA, JKS VORTAC U/S. 1603231715-PERM.

SELMER

Robert Sibley

FDC 6/8840 SZY IAP SELMER/ROBERT SIBLEY, SELMER, TN...VOR/DME-A, ORIG...PROCEDURE NA, JKS VORTAC U/S. 1603231615-PERM.

SMITHVILLE

Dekalb Community Hospital

FDC 7/1778 35TN SPECIAL DEKALB COMMUNITY HOSPITAL, SMITHVILLE, TN. COPTER RNAV 198, ORIG...MISSED APPROACH: CLIMBING RIGHT TURN TO 4000 DIRECT XOLEW WP AND HOLD. 1701061608-1708181608EST.

FDC 7/1776 35TN SPECIAL DEKALB COMMUNITY HOSPITAL, SMITHVILLE, TN. COPTER RNAV 198, ORIG...PROCEDURE NA AT NIGHT. 1701061607-1708181606EST.

FDC 7/1537 35TN SPECIAL DEKALB COMMUNITY HOSPITAL, SMITHVILLE, TN. COPTER RNAV 018 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

SOMERVILLE

Fayette County

FDC 7/4454 FYE IAP FAYETTE COUNTY, SOMERVILLE, TN. RNAV (GPS) RWY 1, ORIG-B...LNAV CATS A/B/C MDA 1380/HAT 994. VIS CATS A/B 1 1/4, CAT C 2 1/2. CIRCLING CATS A/B/C MDA 1380/HAT 994. VIS CATS A/B 1 1/4, CAT C 2 3/4. 1701141851-1708261851EST.

SPRINGFIELD

Springfield Robertson County

FDC 6/4798 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. LOC RWY 4, AMDT 3A...DME REQUIRED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THE BWG CROSSING RADIAL 211 MAY NOT BE USED TO IDENTIFY THE HOGPA FIX. 1608301934-1704111934EST.

FDC 6/4408 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. RNAV (GPS) RWY 22, AMDT 1A...RNAV (GPS) RWY 4, AMDT 1A...CIRCLING: CAT B MDA 1330/HAA 614, CAT C MDA 1360/HAA 654, VISIBILITY 1 3/4, CAT D MDA 1540/HAA 834 VISIBILITY 2 3/4. 1610201741-1706011741EST.

FDC 6/2380 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. RNAV (GPS) RWY 4, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610041218-1705161218EST.

FDC 6/2376 M91 IAP SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. RNAV (GPS) RWY 22, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 4 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610041215-1705161215EST.

TAZEWELL

New Tazewell Muni

FDC 7/1536 3A2 SPECIAL NEW TAZEWEEL MUNI, TAZEWEEL, TN. COPTER RNAV (GPS) 099 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

FDC 7/0697 3A2 IAP NEW TAZEWEEL MUNI, TAZEWEEL, TN. RNAV (GPS) RWY 7, ORIG...LP HAT CATS A/B 1061 LNAV HAT CATS A/B 1081. CHART TDZE 1179, DELETE THRE 1177. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: RWY 7, 25 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 7, ORIG-A. 1702022050-PERM.

TRENTON

Gibson County

FDC 7/8855 TGC ODP , , . TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY 1, 400-1 3/4. TAKEOFF OBSTACLES NOTE: RWY 1, TREE 1.2 NM FROM DER, 1702 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/564 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292131-1709102131EST.

WINCHESTER

Southern Tennessee Medical Center

FDC 7/1535 32TN SPECIAL SOUTHERN TENNESSEE MEDICAL CENTER, WINCHESTER, TN. COPTER RNAV (GPS) 315 ORIG...MISSED APPROACH: CLIMBING LEFT TURN TO 4500 DIRECT ISVIF AND HOLD. MINIMUM ALTITUDE AT ISVIF 4500FT. 1701052130-1708172130.

FDC 7/1534 32TN SPECIAL SOUTHERN TENNESSEE MEDICAL CENTER, WINCHESTER, TN. COPTER RNAV (GPS) 035 DEPARTURE (PILOT NAV)...PROCEDURE NA 1701052130-1708172130.

TEXAS

ABILENE

Abilene Rgnl

FDC 7/0955 ABI IAP ABILENE RGNL, ABILENE, TX. LOC RWY 17R, ORIG-A...RADAR-1, AMDT 10...RNAV (GPS) RWY 22, ORIG-A...PROCEDURE NA. 1701051210-1708171210EST.

ALPINE

Alpine-Casparis Muni

FDC 7/4153 E38 ODP ALPINE-CASPARIS MUNI, ALPINE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. ALL OTHER DATA REMAINS AS PUBLISHED, BWR NDB OUT OF SERVICE. 1701131530-1708251529EST.

AMARILLO

Rick Husband Amarillo Intl

FDC 7/8877 AMA IAP RICK HUSBAND AMARILLO INTL, AMARILLO, TX. LDA/DME RWY 22, AMDT 1...PROCEDURE TURN MINIMUM ALTITUDE 5100. 1701292148-1709102148EST.

FDC 7/4499 AMA IAP RICK HUSBAND AMARILLO INTL, AMARILLO, TX. RNAV (GPS) Y RWY 31, AMDT 2...TERMINAL ROUTE: GOONI TO OKRIE NA. 1701141924-1708261924EST.

ANAHUAC

Chambers County

FDC 6/1303 T00 IAP CHAMBERS COUNTY, ANAHUAC, TX. RNAV (GPS) RWY 12, ORIG-B...CIRCLING CATS A/B/C MDA 660/HAA 639. VIS CAT C 1/3/4. 1611021508-1706141508EST.

ARLINGTON

Arlington Muni

FDC 7/1950 GKY SID ARLINGTON MUNI, ARLINGTON, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION, WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION, SAN ANTONIO TRANSITION, WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9879 GKY SID ARLINGTON MUNI, ARLINGTON, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141219-1705261218EST.

FDC 6/9669 GKY SID ARLINGTON MUNI, ARLINGTON, TX. GARLAND SIX DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1610132221-1705252220EST.

ATHENS

Athens Muni

FDC 7/8875 F44 IAP ATHENS MUNI, ATHENS, TX. RNAV (GPS) RWY 35, ORIG...NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701292146-1709102146EST.

FDC 7/8873 F44 IAP ATHENS MUNI, ATHENS, TX. NDB RWY 35, AMDT 4D...DISREGARD NOTE: NIGHT LANDING: RWY 35 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701292145-1709102145EST.

AUSTIN

Austin Executive

FDC 7/6786 EDC STAR AUSTIN EXECUTIVE, AUSTIN, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231800-1712310901.

Austin-Bergstrom Intl

FDC 7/1933 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. CENTEX FIVE DEPARTURE...WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/6277 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. CENTEX FIVE DEPARTURE...NAVYS TRANSITION (CWK4.NAVYS) IS RESTRICTED TO AIRCRAFT DESTINED THE DALLAS/FORT WORTH TERMINAL AREA REQUESTING FL230 OR BELOW. DO NOT FILE THIS TRANSITION IF THESE CONDITIONS ARE NOT MET. CHANGE COLLEGE STATION TRANSITION NOTE TO READ: (FOR AIRCRAFT REQUESTING 9,000 FT MSL TO FL230.). 1611101742-1706221741EST.

FDC 6/5650 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. CENTEX FIVE DEPARTURE...NOTE: RWY 35R, TEMPORARY CRANE, 3295 FT FROM DEPARTURE END OF RWY, 185 FT LEFT OF CENTERLINE, 88 AGL/582 MSL. ALL OTHER DATA REMAINS AS PUBLISHED 1611100932-1706220932EST.

FDC 6/3823 AUS IAP AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 17L, AMDT 2B...ILS OR LOC RWY 17R, AMDT 4B...ILS OR LOC RWY 35L, AMDT 5B...ILS OR LOC RWY 35R, AMDT 2A...CIRCLING CAT E MDA 1400/HAA 858. VIS CAT E 3. 3 TEMPORARY TOWER CRANES, UP TO 1050 MSL, 5.37 NM NW OF AIRPORT. 2015-ASW-1893-OE, 2015-ASW-1894-OE, 2015-ASW-1895-OE. 1609161802-1702091758EST.

FDC 6/1845 AUS SID AUSTIN-BERGSTROM INTL, AUSTIN, TX. PALMS ONE DEPARTURE...RADAR REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CWK R124-R175 UNUSABLE BEYOND 10 NM BELOW 6000 FT. ALL OTHER DATA REMAINS AS PUBLISHED. 1610031346-1705151346EST.

San Marcos Regional

FDC 7/6791 HYI STAR SAN MARCOS MUNI, SAN MARCOS, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231800-1712310901.

BAYTOWN

Rwj Airpark

FDC 6/1611 54T IAP RWJ AIRPARK, BAYTOWN, TX. RNAV (GPS) RWY 32, ORIG-A...DISREGARD ANGLE 3.05/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1611202330-1707022330EST.

BEAUMONT

Beaumont Muni

FDC 6/7807 BMT IAP BEAUMONT MUNI, BEAUMONT, TX. RNAV (GPS) RWY 13, ORIG-C...RNAV (GPS) RWY 31, ORIG-C...VOR/DME RWY 13, AMDT 3C...VOR/DME RWY 31, AMDT 4C...NOTE: NIGHT LANDING: RWY 31 NA. 1610121434-1705241434EST.

BIG SPRING

Big Spring Mc Mahon-Wrinkle

FDC 7/4280 BPG IAP BIG SPRING MC MAHON-WRINKLE, BIG SPRING, TX. RNAV (GPS) RWY 6, ORIG-A...LPV VIS 7/8. LNAV/VNAV VIS 7/8. CIRCLING CATS A/B MDA 3220/HAA 647. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING: INCREASE ALL DA TO 2943 FT AND ALL VISIBILITIES 1/2 MILE; INCREASE ALL MDA 140 FT. 1701132115-1708252115EST.

FDC 7/2087 BPG IAP BIG SPRING MC MAHON-WRINKLE, BIG SPRING, TX. RNAV (GPS) RWY 17, AMDT 1...RNAV (GPS) RWY 35, AMDT 1...VOR/DME RWY 17, AMDT 8...VOR/DME RWY 35, AMDT 8...CIRCLING MDA 3220/HAA 647 ALL CATS. VISIBILITY CAT C 1 3/4. 1702072133-1709192133EST.

BORGER

Hutchinson County

FDC 6/1482 BGD ODP HUTCHINSON COUNTY, BORGER, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 21, 400-1 3/4 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 205 FEET PER NM TO 3400. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202022-1707022022EST.

BRADY

Curtis Field

FDC 6/4967 BBD IAP CURTIS FIELD, BRADY, TX. NDB RWY 17, AMDT 4A...PROCEDURE NA. 1610211938-1706021937EST.

BRECKENRIDGE

Stephens County

FDC 7/6413 BKD IAP STEPHENS COUNTY, BRECKENRIDGE, TX. RNAV (GPS) RWY 17, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 4, 13, 22, 31 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT. TERMINAL ROUTE WAPEV TO TISEE 19.1 NM. 1701202111-1709012111EST.

BRIDGEPORT

Bridgeport Muni

FDC 7/4073 XBP IAP BRIDGEPORT MUNI, BRIDGEPORT, TX. VOR/DME RWY 18, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, UKW TACAN OUT OF SERVICE. 1701131354-1703221354EST.

FDC 6/9907 XBP IAP BRIDGEPORT MUNI, BRIDGEPORT, TX. RNAV (GPS) RWY 18, ORIG...MISSED APPROACH: CLIMB TO 3600 DIRECT FIPAL AND ON TRACK 241 TO TIEON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600. 1609111815-1704231815EST.

BROWNSVILLE

Brownsville/South Padre Island Intl

FDC 7/4450 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. VOR OR TACAN-A, AMDT 1C...VOR/DME RNAV OR GPS RWY 35, AMDT 3A...DISREGARD NOTE: WHEN VGSI INOP CIRCLING RWY 17 NA AT NIGHT. NOTE: NIGHT LANDING RWY 17 NA. 1701141847-1708261847EST.

FDC 6/9769 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. VOR OR TACAN-A, AMDT 1C...PROCEDURE NA, BRO VORTAC OUT OF SERVICE. 1611171715-1706291715EST.

FDC 6/3958 BRO IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. LOC BC RWY 31, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BRO VORTAC OUT OF SERVICE. 1612201452-1708011452EST.

BROWNWOOD

Brownwood Rgnl

FDC 6/0920 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. VOR/DME RWY 35, AMDT 1B...NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. MSA FROM BWD VOR/DME 25 NM 3600. 1609131516-1704251516EST.

FDC 6/0919 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. RNAV (GPS) RWY 17, AMDT 1...NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609131516-1704251516EST.

FDC 6/0918 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. LOC RWY 17, AMDT 4A...NOTE: RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. MSA FROM BWD VOR/DME 25 NM 3600. 1609131516-1704251516EST.

FDC 6/0917 BWD IAP BROWNWOOD RGNL, BROWNWOOD, TX. RNAV (GPS) RWY 35, AMDT 1...NOTE: RWY 35 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.. 1609131516-1704251516EST.

BURNET

Burnet Muni Kate Craddock Field

FDC 6/6223 BMQ ODP BURNET MUNI KATE CRADDOCK FIELD, BURNET, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 1: CLIMB HEADING 009.14 TO 1700 BEFORE TURNING LEFT, ALL OTHER DATA REMAINS AS PUBLISHED. 1610100136-1705220136EST.

CADDO MILLS

Caddo Mills Muni

FDC 6/4704 7F3 IAP CADDO MILLS MUNI, CADDO MILLS, TX. RNAV (GPS) RWY 36, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1609191806-1705011806EST.

CAMPBELLTON

74 Ranch

FDC 7/2097 0XA5 SPECIAL 74 RANCH, CAMPBELLTON, TX. RNAV (GPS) RWY 14, ORIG...RNAV (GPS) RWY 32, ORIG...NOTE: PROCEDURE NA AT NIGHT. 1702072141-1709192141EST.

CANADIAN

Hemphill County

FDC 7/0438 HHF IAP HEMPHILL COUNTY,
CANADIAN, TX. RNAV (GPS) RWY 4, AMDT
1...TERMINAL ROUTE WUDPI TO HULOG NA.
1701032155-1708152155EST.

FDC 6/7984 HHF IAP HEMPHILL COUNTY,
CANADIAN, TX. RNAV (GPS) RWY 4, AMDT
1...DISREGARD NOTES: PROCEDURE NA AT NIGHT.
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NA. ADD NOTE: NIGHT LANDING RWY 18, 36 NA.
1612071501-1707191501EST.

CASTROVILLE

Castroville Muni

FDC 7/9592 CVB IAP CASTROVILLE MUNI,
CASTROVILLE, TX. RNAV (GPS) RWY 34, AMDT
1...PROCEDURE NA. 1702011410-1709131410EST.

CLEBURNE

Cleburne Rgnl

FDC 7/1964 CPT IAP CLEBURNE RGNL, CLEBURNE,
TX. LOC/DME RWY 15, ORIG-E...PROCEDURE NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF
SERVICE. 1702071848-1703041848EST.

FDC 6/9737 CPT SID CLEBURNE RGNL, CLEBURNE,
TX. HUBBARD NINE DEPARTURE...CHANGE PROPS
NOTE TO READ: FOR PROPS REQUESTING FL230
AND BELOW. PROPS DEPARTING DFW AND DAL
REQUESTING FL 240 AND ABOVE EXPECT THE
WYLIE DEPARTURE. PROPS FROM OTHER
AIRPORTS REQUESTING FL240 OR ABOVE EXPECT
THE DALLAS DEPARTURE.
1610132253-1705252253EST.

FDC 6/9665 CPT SID CLEBURNE RGNL, CLEBURNE,
TX. GARLAND SIX DEPARTURE...CHANGE PROPS
NOTE TO READ: PROPS DEPARTING DFW AND DAL
EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS
FROM OTHER AIRPORTS EXPECT THE DALLAS OR
HUBBARD DEPARTURE. 1610132217-1705252217EST.

CLEVELAND

Cleveland Muni

FDC 6/2181 6R3 STAR CLEVELAND MUNI,
CLEVELAND, TX. RIICE SEVEN ARRIVAL...REVISE
NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET
AIRCRAFT LANDING IAH CAPABLE OF 280K OR
GREATER MUST FILE THE DRLLR/GUSHR (RNAV)
STARS. 1607071515-1712312359EST.

COLLEGE STATION

Easterwood Field

FDC 6/6293 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. VOR/DME RWY 28, AMDT
13A...TERMINAL ROUTE JEPED/CLL 16.00 DME (IAF)
CCW TO FEMAB/CLL 16.00 DME (NOPT) NA. CLL
VORTAC R-131 CW R-142 SFC-6999 FT UNUSABLE.
1611101745-1706221744EST.

FDC 6/6220 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. LOC BC RWY 16, AMDT
7...TERMINAL ROUTE GATLN INT (IAF) TO GOMGE
INT NA. 1610100133-1705220132EST.

FDC 6/5647 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. VOR/DME RWY 28, AMDT
13A...CIRCLING CATS A/B/C MDA 940/HAA 620. VIS
CAT C 1 3/4. TEMPORARY CRANES, UP TO 590 MSL,
5247 FT NE OF APPROACH END RWY 16,
2015-ASW-8342, 8586, 8681, 8682-OE
1611100927-1706220927EST.

FDC 6/2604 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. RNAV (GPS) RWY 28, AMDT
1...LNAV/VNAV DA 761/HATH 450 ALL CATS. VIS 1 1/2
ALL CATS. LNAV MDA 860/HATH 549 ALL CATS. VIS
CATS C/D/E 1 5/8.. 1610041328-1705161328EST.

FDC 6/1838 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. RNAV (GPS) RWY 16, AMDT
1A...LNAV/VNAV DA 787/HAT467 ALL CATS. VIS 1 5/8
ALL CATS. CIRCLING CATS A/B/C MDA 940/HAA 620.
VIS CAT C 1 3/4. TEMPORARY CRANES, UP TO 590
MSL, 5247 FT NE OF APPROACH END RWY 16,
2015-ASW-8342, 8586, 8681, 8682-OE.
1610031335-1705151335EST.

FDC 6/1837 CLL ODP EASTERWOOD FIELD,
COLLEGE STATION, TX. TAKEOFF MINIMUMS AND
(OBSTACLE) DEPARTURE PROCEDURES AMDT
3...TAKE-OFF MINIMUMS RWY 04, 300 - 1 3/4 OR
PROCEDURE NA. NOTE: RWY 4, TEMPORARY
CRANES, STARTING 4762 FT FROM DEPARTURE END
OF RWY, 732 FT LEFT OF CENTERLINE, UP TO 260
AGL/590 MSL, 2015-ASW-8342, 8586, 8682, 8681-OE.
ALL OTHER DATA REMAINS AS PUBLISHED.
1610031333-1705151333EST.

FDC 6/1620 CLL IAP EASTERWOOD FIELD,
COLLEGE STATION, TX. ILS OR LOC RWY 34, AMDT
13A...TERMINAL ROUTE JUDDY/CLL 15.00 DME (IAF)
CW TO JERBA/I-CLL 13.87 DME (NOPT) NA.
TERMINAL ROUTE OSUME/CLL 15.00 DME (IAF)
CCW TO JERBA/I-CLL 13.87 DME (NOPT) NA.
PLANVIEW NOTE: ADF REQUIRED FOR TERMINAL
ROUTE CLL VORTAC TO ROWDY LOM/I-CLL 6.51
DME (IAF). CLL VORTAC R-131 CW R-142 SFC-6999
FT AND R-152 CW R-189 SFC-6999 FT UNUSABLE..
1611202340-1707022340EST.

COMANCHE

Comanche County-City

FDC 6/2408 MKN ODP COMANCHE COUNTY-CITY, COMANCHE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE RWY 17. DEPARTURE ROUTE DESCRIPTION RWY 17, CLIMB HEADING 173 TO 2300 BEFORE TURNING RIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031641-1706151641EST.

CORSICANA

C David Campbell Field-Corsicana Muni

FDC 6/5142 CRS IAP C DAVID CAMPBELL FIELD-CORSICANA MUNI, CORSICANA, TX. RNAV (GPS) RWY 14, ORIG-B...DELETE: DESCENT ANGLE 2.85/TCH 40. PROFILE NOTE: VISUAL SEGMENT-OBSTACLES.. 1612272151-1708082151EST.

COTULLA

Cotulla-La Salle County

FDC 7/0848 COT IAP COTULLA-LA SALLE COUNTY, COTULLA, TX. VOR-A, AMDT 13...CIRCLING CATS A/B/C MDA 980/HAA 506. DRILLING RIG, 674 MSL, 2.92 NM EAST OF KCOT (2016-ASW-12151-OE). 1702031300-1704031251EST.

CYPRESS

Dry Creek

FDC 7/2357 TS07 SPECIAL DRY CREEK, CYPRESS, TX. RNAV (GPS) RWY 18, AMDT 2...DESCENT ANGLE 3.00/TCH 40 NA. 1701092021-1708212021EST.

FDC 7/2355 TS07 SPECIAL DRY CREEK, CYPRESS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE AMDT 2...TAKEOFF MINIMUMS: RWY 18, 300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 400. ALL OTHER DATA REMAINS AS PUBLISHED. 1701092019-1708212019EST.

DALLAS

Addison

FDC 7/1951 ADS SID ADDISON, DALLAS, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9876 ADS SID ADDISON, DALLAS, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141217-1705261217EST.

FDC 6/9667 ADS SID ADDISON, DALLAS, TX. GARLAND SIX DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1610132219-1705252219EST.

Dallas Executive

FDC 7/6599 RBD ODP DALLAS EXECUTIVE, DALLAS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...NOTE: RWY 13: WINDSOCK 105 FT FROM DEPARTURE END OF RUNWAY, 466 FT LEFT OF CENTERLINE, 30 FT AGL/684 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1701222056-1709032056EST.

FDC 7/5447 RBD IAP DALLAS EXECUTIVE, DALLAS, TX. ILS OR LOC RWY 31, AMDT 8C...RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 31, ORIG...RNAV (GPS) RWY 35, ORIG...VOR/DME RWY 17, AMDT 1...NIGHT LANDING: RWY 13 NA. 1701181543-1708301543EST.

FDC 7/1966 RBD SID DALLAS EXECUTIVE, DALLAS, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9735 RBD SID DALLAS EXECUTIVE, DALLAS, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132251-1705252251EST.

FDC 6/9656 RBD SID DALLAS EXECUTIVE, DALLAS, TX. GARLAND SIX DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1610132214-1705252214EST.

Dallas Love Field

FDC 7/9139 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS Y OR LOC Y RWY 13L, AMDT 33...VDP NA. 1701302011-1709112010EST.

FDC 7/8921 DAL SID DALLAS LOVE FIELD, DALLAS, TX. COYOTE EIGHT DEPARTURE...PROCEDURAL NOTES/TAKEOFF MINIMUMS NOTE: BOOMR TRANSITION: DME REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292225-1709102225EST.

FDC 7/7306 DAL SPECIAL DALLAS LOVE FIELD, DALLAS, TX. ILS OR LOC Z RWY 13L, AMDT1...ILS OR LOC Z RWY 13R, AMDT 1...CIRCLING CAT C MDA 1280/HAA 793. VIS CAT C 2 1/4. CRANE, 920 MSL, 3.61 NM SE OF AIRPORT, 2016-ASW-11940-OE 1701242124-1709052123EST.

FDC 7/4342 DAL SID DALLAS LOVE FIELD, DALLAS, TX. KINGDOM THREE DEPARTURE...TOP ALTITUDE: RWY 13L/R: 3000, RWY 31L/R: 2000. DISREGARD (JETS) 10000/ (PROPS) 2000. ALL OTHER DATA REMAINS AS PUBLISHED. 1701132204-1708252204EST.

FDC 7/1953 DAL SID DALLAS LOVE FIELD, DALLAS, TX. VENUS ONE DEPARTURE...HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. BILEE TRANSITION,COLLEGE STATION TRANSITION,NAVASOTA TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 7/1952 DAL SID DALLAS LOVE FIELD, DALLAS, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 7/0749 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS OR LOC RWY 31L, AMDT 22...ENTRA FIX MINIMUMS: S-LOC 31L MDA 1220/HAT 744 ALL CATS. VIS CAT B RVR 4000, CAT C/D 1 3/4. CIRCLING CATS A/B MDA 1220/HAA 733, CAT C 1280/HAA 793. VIS CAT B 1 1/4, CAT C 2 1/4. VDP NA.. CRANE, 920 MSL, 3.61 NM SE OF AIRPORT, 2016-ASW-11940-OE. 1701041939-1708161939EST.

FDC 7/0748 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS Y OR LOC Y RWY 13R, AMDT 6...RNAV (GPS) Z RWY 13R, AMDT 2...CIRCLING CAT C MDA 1280/HAA 793. VIS CAT C 2 1/4. CRANE, 920 MSL, 3.61 NM SE OF AIRPORT, 2016-ASW-11940-OE 1701041939-1708161939EST.

FDC 7/0747 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS Y OR LOC Y RWY 13L, AMDT 33...RNAV (GPS) Y RWY 13L, AMDT 1B...RNAV (GPS) Y RWY 13R, ORIG-A...RNAV (GPS) Y RWY 31R, AMDT 2...RNAV (GPS) Z RWY 13L, AMDT 3...CIRCLING CAT C MDA 1280/HAA 793. VIS CAT C 2 1/4. CRANE, 920 MSL, 3.61 NM SE OF AIRPORT, 2016-ASW-11940-OE. 1701041939-1708161939EST.

FDC 7/0745 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS OR LOC RWY 31R, AMDT 6A...BOKLE FIX MINIMUMS (DME REQUIRED) CIRCLING CAT C MDA 1280/HAA 793. VIS CAT C 2 1/4. CRANE, 920 MSL, 3.61 NM SE OF AIRPORT, 2016-ASW-11940-OE. 1701041939-1708161939EST.

FDC 6/9870 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS OR LOC RWY 31R, AMDT 6A...S-ILS RWY 31R DA 742/HAT 255 ALL CATS. DISREGARD NOTE: (ATERISK ASTERISK) RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CRANE, 727 MSL, 2827 FT WEST OF APPROACH END RWY 31R, 2016-ASW-1176 THRU 1188-NRA. 1609281833-1705101833EST.

FDC 6/9868 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (RNP) W RWY 13L, ORIG-B...RNAV (RNP) X RWY 13L, ORIG-B...RNP 0.11 DA 770/HAT 285 ALL CATS. CRANE, 727 MSL, 5137 FT SOUTHEAST OF APPROACH END RWY 13L, 2016-ASW-1176 THRU 1188-NRA. 1609281833-1705101833EST.

FDC 6/9822 DAL SID DALLAS LOVE FIELD, DALLAS, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141201-1705261200EST.

FDC 6/9674 DAL SID DALLAS LOVE FIELD, DALLAS, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132225-1705252225EST.

FDC 6/9202 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (GPS) Y RWY 13R, ORIG-A...LNAV MDA 1000/ HAT 524 ALL CATS. VIS CATS C/D 1 1/2. 3 CRANES, UP TO 700 MSL, 2773 FT SOUTH OF APPROACH END RWY 13R, 2016-ASW-4700, 4702, 4703-OE. 1609091131-1704211131EST.

FDC 6/8319 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS OR LOC RWY 31L, AMDT 22...CHANGE DME JAKID (FAF) FROM 5 TO 4.9 DME, CHANGE DME ENTRA (SDF) FROM 2.9 TO 2.8 DME, CHANGE *I-LVF DME FROM 1.8 TO 1.7 DME.
1611152140-1706272139EST.

FDC 6/7985 DAL SID DALLAS LOVE FIELD, DALLAS, TX. GARLAND SIX DEPARTURE...DEPARTURE PROCEDURE DP ROUTE DESCRIPTION. CHANGE DP ROUTE DESCRIPTION TO READ TAKEOFF RWYS 13L/R: CLIMB HEADING 133, EXPECT VECTOR TO APPROPRIATE ROUTE, MAINTAIN 8000 AND EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1612071515-1707191515EST.

FDC 6/5655 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS Y OR LOC Y RWY 13R, AMDT 6...S-ILS 13R DA 680/HAT 202 ALL CATS. CRANE, 727 MSL, 2827 FT SE OF APPROACH END RWY 13R, 2016-ASW-1176 THRU 1188-NRA 1611100939-1706220939EST.

FDC 6/3540 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (GPS) Z RWY 13L, AMDT 3...LNAV/VNAV DA 769/HAT 284 ALL CATS. CRANE, 727 MSL, 5137 FT SOUTHEAST OF APPROACH END RWY 13L, 2016-ASW-1176 THRU 1188-NRA.
1608291253-1704101253EST.

FDC 6/3537 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. ILS RWY 31R (SA CAT I) AMDT 6A...PROCEDURE NA. CRANE, 727 MSL, 2827 FT WEST OF APPROACH END RWY 31R, 2016-ASW-1176 THRU 1188-NRA
1608291248-1704301248EST.

FDC 6/3536 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (RNP) Z RWY 31R, ORIG-B...RNP 0.16 DA 815/HAT 328 ALL CATS; VIS ALL CATS RVR 3000. CRANE, 727 MSL, 2827 FT WEST OF APPROACH END RWY 31R, 2016-ASW-1176 THRU 1188-NRA.
1608291248-1704301248EST.

FDC 6/3534 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (GPS) Z RWY 13R, AMDT 1B...LPV DA 685/HAT 207 ALL CATS. CRANE, 727 MSL, 4955 FT SOUTHEAST OF APPROACH END RWY 13R, 2016-ASW-1176 THRU 1188-NRA.
1608291248-1704301248EST.

FDC 6/3533 DAL IAP DALLAS LOVE FIELD, DALLAS, TX. RNAV (GPS) Y RWY 31R, AMDT 2...LPV DA 752/HAT 265 ALL CATS. FOR INOP MALSR, INCREASE LPV VISIBILITY ALL CATS TO RVR 6000 AND LNAV/VNAV VISIBILITY ALL CATS TO 1 3/8 MILE. CRANE, 727 MSL, 2827 FT WEST OF APPROACH END RWY 31R, 2016-ASW-1176 THRU 1188-NRA. 1608291248-1704301248EST.

FDC 6/3532 DAL SPECIAL DALLAS LOVE FIELD, DALLAS, TX. ILS Z OR LOC Z RWY 13R AMDT 1A...S-ILS RWY 13R CATS C/D DA 680/HAT 202. CRANE, 727 MSL, 2827 FT SE OF APPROACH END RWY 13R, 2016-ASW-1176 THRU 1188-NRA
1608291248-1704301248EST.

Mckinney National

FDC 7/1954 TKI SID MCKINNEY NATIONAL, DALLAS, TX. JOE POOL NINE DEPARTURE...ELLYR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9871 TKI SID MCKINNEY NATIONAL, DALLAS, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE.
1610141215-1705261215EST.

FDC 6/9741 TKI SID MCKINNEY NATIONAL, DALLAS, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE.
1610132257-1705252256EST.

FDC 6/9654 TKI SID MCKINNEY NATIONAL, DALLAS, TX. GARLAND SIX DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE.
1610132212-1705252212EST.

DALLAS-FORT WORTH

Dallas-Fort Worth Intl

FDC 7/8919 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. COYOTE EIGHT DEPARTURE...PROCEDURAL NOTES/TAKEOFF MINIMUMS NOTE: BOOMR TRANSITION: DME REQUIRED. ALL OTHER DATA REMAINS AS PUBLISHED. 1701292223-1709102223EST.

FDC 7/1955 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9931 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. GARLAND SIX DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 35C/L: CLIMB HEADING 010, EXPECT VECTOR TO APPROPRIATE ROUTE, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1610141257-1705261256EST.

FDC 6/9904 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. WORTH ONE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWYS 18L/R: CLIMB HEADING 190, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED. 1610141226-1705261226EST.

FDC 6/9831 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141203-1705261203EST.

FDC 6/9676 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132227-1705252227EST.

FDC 6/6358 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. DALLAS FOUR DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RWYS 35L/C: CLIMB HEADING 010, THENCE...1611101816-1706221816EST.

FDC 6/6353 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. JOE POOL NINE DEPARTURE...TEXOMA FIVE DEPARTURE...DEPARTURE ROUTE DESCRIPTION: TAKEOFF RUNWAYS 18L/R: CLIMB HEADING 190, THENCE...TAKEOFF RUNWAYS 35L/C: CLIMB HEADING 010, THENCE...ALL OTHER DATA REMAINS AS PUBLISHED.. 1611101814-1706221814EST.

FDC 6/6309 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. DARTZ SEVEN DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED BY ATC, EXPECT RADAR VECTORS TO DARTZ, MAINTAIN 5000, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED. 1611101756-1706221755EST.

FDC 6/5661 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. DALLAS FOUR DEPARTURE...DARTZ SEVEN DEPARTURE (RNAV)...JOE POOL NINE DEPARTURE...KEENE NINE DEPARTURE...TRI-GATE NINE DEPARTURE...WYLIE NINE DEPARTURE...NOTE: RWY 35L, 2 CRANES, STARTING 5529 FT FROM DEPARTURE END OF RWY, 1149 FT RIGHT OF CENTERLINE, 708 MSL/160 AGL, 2015-ASW-4833 THRU 4836-NRA. RWY 35C, 3 CRANES, STARTING 4218 FT FROM DEPARTURE END OF RWY, 51 FT LEFT OF CENTERLINE, UP TO 708 MSL/160 AGL, 2015-ASW-4835, 4853 AND 4854-NRA, CRANE, 5528 FT FROM DEPARTURE END OF RWY, 278 FT RIGHT OF CENTERLINE, 708 MSL/160 AGL, 2015-ASW-4836-NRA, ALL OTHER DATA REMAINS AS PUBLISHED 1611100944-1706220944EST.

FDC 6/5660 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. AKUNA SIX DEPARTURE (RNAV).ALIAN TWO DEPARTURE (RNAV).ARDIA SIX DEPARTURE (RNAV).BLECO SEVEN DEPARTURE (RNAV).COYOTE EIGHT DEPARTURE.FORCK TWO DEPARTURE (RNAV).GARLAND SIX DEPARTURE.GRABE SEVEN DEPARTURE (RNAV).HRPER THREE DEPARTURE (RNAV).HUBBARD NINE DEPARTURE.HUDAD TWO DEPARTURE (RNAV).JACKY SEVEN DEPARTURE.JASPA FIVE DEPARTURE (RNAV).KATZZ TWO DEPARTURE (RNAV).KINGDOM TWO DEPARTURE.KUSSO THREE DEPARTURE (RNAV).LOWGN SEVEN DEPARTURE (RNAV).MRSSH TWO DEPARTURE (RNAV).NELYN FIVE DEPARTURE (RNAV).SWABR FOUR DEPARTURE (RNAV).ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/5660 DFW SID DALLAS-FORT WORTH INTL, DALLAS-FORT WORTH, TX. TEXOMA FIVE DEPARTURE. TRYTN TWO DEPARTURE (RNAV). WORTH ONE DEPARTURE. WSTEX TWO DEPARTURE (RNAV). ZACHH TWO DEPARTURE (RNAV). NOTE: RWY 35L, 2 CRANES, STARTING 5529 FT FROM DEPARTURE END OF RWY, 1149 FT RIGHT OF CENTERLINE, 708 MSL/160 AGL, 2015-ASW-4833 THRU 4836-NRA. RWY 35C, 3 CRANES, STARTING 4218 FT FROM DEPARTURE END OF RWY, 51 FT LEFT OF CENTERLINE, UP TO 708 MSL/160 AGL, 2015-ASW-4835, 4853 AND 4854-NRA, CRANE, 5528 FT FROM DEPARTURE END OF RWY, 278 FT RIGHT OF CENTERLINE, 708 MSL/160 AGL, 2015-ASW-4836-NRA. ALL OTHER DATA REMAINS AS PUBLISHED. 1611100944-1706220944EST

FDC 6/2693 DFW TX..SPECIAL
NOTICE..DALLAS-FORT WORTH INTL, TX, RWY
STATUS LGTS ARE IN AN OPR TEST ON RWY
17R/35L, RWY 17C/35C, RWY 18L/36R AND MUST BE
COMPLIED WITH. RWY STATUS LGT ARRAYS MAY
BE OFFLINE INTERMITTENTLY THROUGHOUT THE
TEST PHASE. RWY STATUS LGTS ARE RED
IN-PAVEMENT LGTS THAT SERVE AS WARNING
LGTS ON RWYS AND TWYS INDICATING THAT IT IS
UNSAFE TO ENTER, CROSS, OR BEGIN TKOF ON A
RWY. NOTE: RWY STATUS LGTS INDICATE RWY
STATUS ONLY. THEY DO NOT INDICATE
CLEARANCE. PILOTS AND VEHICLE OPRS MUST
STILL RECEIVE A CLEARANCE FROM AIR TRAFFIC
CONTROL BEFORE PROCEEDING. FOR ADDITIONAL
INFORMATION VISIT:
[HTTP://WWW.FAA.GOV/AIR_TRAFFIC/TECHNOLOG
Y/RWSL](http://www.faa.gov/air_traffic/technology/rwsl) 1612151915-1712152359.

FDC 6/2099 DFW SID DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. ARDIA SIX DEPARTURE
(RNAV)...DEPARTURE ROUTE DESCRIPTION
TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED
BY ATC, EXPECT RADAR VECTORS TO ARDIA,
MAINTAIN 5000, EXPECT FILED ALTITUDE TEN
MINUTES AFTER DEPARTURE. TAKEOFF RWYS
31L/R: TOP ALTITUDE 5000. ALL OTHER DATA
REMAINS AS PUBLISHED
1611031312-1706151312EST.

FDC 6/2080 DFW SID DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. LOWGN SEVEN
DEPARTURE (RNAV)...DEPARTURE ROUTE
DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB
HEADING ASSIGNED BY ATC, EXPECT RADAR
VECTORS TO LOWGN, MAINTAIN 5000, EXPECT
FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.
TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL
OTHER DATA REMAINS AS PUBLISHED
1611031311-1706151311EST.

FDC 6/2078 DFW SID DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. NELYN FIVE
DEPARTURE (RNAV)...DEPARTURE ROUTE
DESCRIPTION TAKEOFF RWYS 31L/R: CLIMB
HEADING ASSIGNED BY ATC, EXPECT RADAR
VECTORS TO NELYN, MAINTAIN 5000, EXPECT
FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.
TAKEOFF RWYS 31L/R: TOP ALTITUDE 5000. ALL
OTHER DATA REMAINS AS PUBLISHED
1611031309-1706151309EST.

FDC 6/2076 DFW SID DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. AKUNA SIX DEPARTURE
(RNAV)...DEPARTURE ROUTE DESCRIPTION
TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED
BY ATC, EXPECT RADAR VECTORS TO AKUNA,
MAINTAIN 5000, EXPECT FILED ALTITUDE TEN
MINUTES AFTER DEPARTURE. TAKEOFF RWYS
31L/R: TOP ALTITUDE 5000. ALL OTHER DATA
REMAINS AS PUBLISHED
1611031303-1706151303EST.

FDC 6/2034 DFW SID DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. JASPA FIVE DEPARTURE
(RNAV)...DEPARTURE ROUTE DESCRIPTION
TAKEOFF RWYS 31L/R: CLIMB HEADING ASSIGNED
BY ATC, EXPECT RADAR VECTORS TO JASPA,
MAINTAIN 5000, EXPECT FILED ALTITUDE TEN
MINUTES AFTER DEPARTURE. TAKEOFF RWYS
31L/R: TOP ALTITUDE 5000. ALL OTHER DATA
REMAINS AS PUBLISHED.
1611031255-1706151255EST.

FDC 6/1361 DFW ODP DALLAS-FORT WORTH INTL,
DALLAS-FORT WORTH, TX. TAKEOFF MINIMUMS
AND (OBSTACLE) DEPARTURE PROCEDURES AMDT
6...NOTE: RWY 35L, 2 CRANES, STARTING 5529 FT
FROM DEPARTURE END OF RWY, 1149 FT RIGHT OF
CENTERLINE, 708 MSL/160 AGL, 2015-ASW-4833
THRU 4836-NRA. RWY 35C, 3 CRANES, STARTING
4218 FT FROM DEPARTURE END OF RWY, 51 FT
LEFT OF CENTERLINE, UP TO 708 MSL/160 AGL,
2015-ASW-4835, 4853 AND 4854-NRA, CRANE, 5528
FT FROM DEPARTURE END OF RWY, 278 FT RIGHT
OF CENTERLINE, 708 MSL/160 AGL,
2015-ASW-4836-NRA. ALL OTHER DATA REMAINS AS
PUBLISHED. 1609301853-1705121852EST.

DECATUR

Decatur Muni

FDC 7/4074 LUD IAP DECATUR MUNI, DECATUR,
TX. VOR/DME RWY 17, AMDT 2A...PROCEDURE NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, UKW TACAN OUT OF
SERVICE. 1701131354-1703221354EST.

FDC 6/9733 LUD SID DECATUR MUNI, DECATUR,
TX. HUBBARD NINE DEPARTURE...CHANGE PROPS
NOTE TO READ: FOR PROPS REQUESTING FL230
AND BELOW. PROPS DEPARTING DFW AND DAL
REQUESTING FL 240 AND ABOVE EXPECT THE
WYLIE DEPARTURE. PROPS FROM OTHER
AIRPORTS REQUESTING FL240 OR ABOVE EXPECT
THE DALLAS DEPARTURE.
1610132250-1705252250EST.

FDC 6/9652 LUD SID DECATUR MUNI, DECATUR,
TX. GARLAND SIX DEPARTURE...CHANGE PROPS
NOTE TO READ: PROPS DEPARTING DFW AND DAL
EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS
FROM OTHER AIRPORTS EXPECT THE DALLAS OR
HUBBARD DEPARTURE. 1610132210-1705252210EST.

DEL RIO

Del Rio Intl

FDC 6/8672 DRT IAP DEL RIO INTL, DEL RIO, TX. ILS
OR LOC RWY 13, ORIG...CIRCLING CAT A MDA
1460/HAA 458, CAT B MDA 1560/HAA 558, CAT C/D
MDA 1740/HAA 738. 1612072249-1707192249EST.

DENTON

Denton Enterprise

FDC 7/1956 DTO SID DENTON ENTERPRISE, DENTON, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION, WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION, SAN ANTONIO TRANSITION, WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9852 DTO SID DENTON ENTERPRISE, DENTON, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141210-1705261210EST.

FDC 6/9731 DTO SID DENTON ENTERPRISE, DENTON, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132248-1705252248EST.

FDC 6/9545 DTO SID DENTON ENTERPRISE, DENTON, TX. GARLAND SIX DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS DEPARTING DFW AND DAL EXPECT WYLIE OR HUBBARD DEPARTURE. PROPS FROM OTHER AIRPORTS EXPECT THE DALLAS OR HUBBARD DEPARTURE. 1610131926-1705251926EST.

FDC 6/8851 DTO IAP DENTON ENTERPRISE, DENTON, TX. ILS OR LOC RWY 18, AMDT 9B...RNAV (GPS) RWY 18, ORIG-B...RNAV (GPS) RWY 36, AMDT 2B...CIRCLING CAT C MDA 1260/HAA 618. CAT C VIS 1 3/4. CRANE, 902 MSL, 1.93 NM NE OF KDTO, 2016-ASW-2910-OE. 1609271830-1705091830EST.

EAGLE PASS

Comanche Ranch

FDC 6/1296 5TE0 SPECIAL COMANCHE RANCH, EAGLE PASS, TX. RNAV (GPS) RWY 33, ORIG...LNAV/VNAV DA 1300/HAT 596. VISIBILITY 2 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: OBTAIN LOCAL ALTIMETER ON CTAF; WHEN NOT RECEIVED USE COTULLA ALTIMETER SETTING AND INCREASE ALL DA 188 FEET AND ALL MDA 200 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/4 AND LNAV ALL CATS VISIBILITY 1/2. PROCEDURE NA WHEN NEITHER RECEIVED. 1611021458-1706141458EST.

EASTLAND

Eastland Muni

FDC 6/6307 ETN IAP EASTLAND MUNI, EASTLAND, TX. RNAV (GPS) RWY 17, ORIG-B...NOTE: NIGHT LANDING: RWY 17 NA. DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1610100217-1705220217EST.

FDC 6/6305 ETN IAP EASTLAND MUNI, EASTLAND, TX. RNAV (GPS) RWY 35, AMDT 2A...NOTE: NIGHT LANDING: RWY 17 NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 17 NA AT NIGHT. 1610100215-1705220215EST.

EL PASO

El Paso Intl

FDC 7/4276 ELP IAP EL PASO INTL, EL PASO, TX. RNAV (RNP) Y RWY 4, ORIG-E...RNAV (RNP) Z RWY 4, ORIG-D...RNP 0.30 DA 4354/HAT 437 ALL CATS. VIS 1 1/2 ALL CATS.. 1701132101-1708252101EST.

FDC 7/4161 ELP IAP EL PASO INTL, EL PASO, TX. VOR RWY 26L, AMDT 32A...CINAG FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) S-26L MDA 4400/HAT 438 ALL CATS. VIS CATS C/D/E 1 1/4. 4 TEMPORARY CRANES, 4095 MSL, 1.43 NM EAST OF APPROACH END RWY 26L, 2015-ASW-5548 THRU 5551-NRA. 1701131544-1702141543EST.

FDC 7/4159 ELP IAP EL PASO INTL, EL PASO, TX. RNAV (GPS) Y RWY 26L, AMDT 1B...LNAV MDA 4400/HAT 438 ALL CATS. 4 TEMPORARY CRANES, 4095 MSL, 1.43 NM EAST OF APPROACH END RWY 26L, 2015-ASW-5548 THRU 5551-NRA. 1701131542-1702141542EST.

FDC 7/4157 ELP IAP U.S. DOD EL PASO INTL, EL PASO, TX. HI VOR/DME OR TACAN RWY 26L, AMDT 4...S-26L CAT C/D/E MDA 4400/HAT 438. VIS CAT C/D/E 1 1/4. 4 TEMPORARY CRANES, 4095 MSL, 1.43 NM EAST OF APPROACH END RWY 26L, 2015-ASW-5548 THRU 5551-NRA. 1701131540-1702141539EST.

FDC 6/6878 ELP IAP EL PASO INTL, EL PASO, TX. RNAV (GPS) Y RWY 22, ORIG-D...LNAV MDA 4340/HAT 391 ALL CATS. VIS CAT C RVR 3500. 1610111609-1705231609EST.

FDC 6/1126 ELP IAP U.S. DOD EL PASO INTL, EL PASO, TX. HI VOR/DME OR TACAN RWY 26L, AMDT 4...CIRCLING CAT E MDA 4700/HAA 738. TOWER, 4336 MSL, 5.35 NM EAST OF KELP, 48-034996. 1611201509-1707021509EST.

FDC 6/1124 ELP IAP EL PASO INTL, EL PASO, TX. ILS OR LOC RWY 22, AMDT 32C...RADAR 1, AMDT 15A...VOR RWY 26L, AMDT 32A...CIRCLING CAT E MDA 4700/HAA 738. TOWER, 4336 MSL, 5.35 NM EAST OF KELP, 48-034996. 1611201507-1707021507EST.

ENNIS

Ennis Muni

FDC 6/9729 F41 SID ENNIS MUNI, ENNIS, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132246-1705252246EST.

FOLLETT

Follett/Lipscomb County

FDC 7/8954 T93 IAP FOLLETT/LIPSCOMB COUNTY, FOLLETT, TX. RNAV (GPS) RWY 35, ORIG...MSA RW35 25 NM 4400 WIND TURBINE, 3319 MSL, 22.10 NM WEST OF APPROACH END RWY 35, 2016-WTW-6317, 6318-OE. 1701292340-1709102340EST.

FORT HOOD(KILLEEN)

Hood AAF

FDC 7/1949 HLR SID HOOD AAF, FORT HOOD(KILLEEN), TX. LAMPS FIVE DEPARTURE...GLEN ROSE TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FORT HOOD/KILLEEN

Robert Gray AAF

FDC 7/1948 GRK SID ROBERT GRAY AAF, FORT HOOD/KILLEEN, TX. LAMPS FIVE DEPARTURE...GLEN ROSE TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FORT STOCKTON

Fort Stockton-Pecos County

FDC 7/0452 FST IAP FORT STOCKTON-PECOS COUNTY, FORT STOCKTON, TX. VOR RWY 12, AMDT 8A...NOTE: CIRCLING RWY 3, 21, 30 NA AT NIGHT. 1701032206-1708152206EST.

FDC 7/0450 FST IAP FORT STOCKTON-PECOS COUNTY, FORT STOCKTON, TX. VOR/DME RWY 30, ORIG-A...NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: STRAIGHT-IN RWY 30 NA AT NIGHT, CIRCLING RWY 3, 21, 30 NA AT NIGHT. 1701032205-1708152205EST.

FDC 6/8692 FST IAP FORT STOCKTON-PECOS COUNTY, FORT STOCKTON, TX. RNAV (GPS) RWY 12, AMDT 1...DISREGARD NOTE: CIRCLING TO RWY 30 NA AT NIGHT. NOTE: CIRCLING RWY 3, 21, 30 NA AT NIGHT. 1612072307-1707192307EST.

FDC 6/8690 FST IAP FORT STOCKTON-PECOS COUNTY, FORT STOCKTON, TX. RNAV (GPS) RWY 30, AMDT 1...NOTE: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: CIRCLING RWY 3, 21, 30 NA AT NIGHT. 1612072306-1707192305EST.

FORT WORTH

Fort Worth Alliance

FDC 7/1957 AFW SID FORT WORTH ALLIANCE, FORT WORTH, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9812 AFW SID FORT WORTH ALLIANCE, FORT WORTH, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141144-1705261144EST.

FDC 6/9672 AFW SID FORT WORTH ALLIANCE, FORT WORTH, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132223-1705252223EST.

Fort Worth Meacham Intl

FDC 7/1958 FTW SID FORT WORTH MEACHAM INTL, FORT WORTH, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9861 FTW SID FORT WORTH MEACHAM INTL, FORT WORTH, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141211-1705261211EST.

FDC 6/9727 FTW SID FORT WORTH MEACHAM INTL, FORT WORTH, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132245-1705252244EST.

Fort Worth NAS Jrb (Carswell Fld)

FDC 7/1960 NFW SID FORT WORTH NAS JRB (CARSWELL FLD), FORT WORTH, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9839 NFW SID FORT WORTH NAS JRB (CARSWELL FLD), FORT WORTH, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141206-1705261206EST.

Fort Worth Spinks

FDC 7/1959 FWS SID FORT WORTH SPINKS, FORT WORTH, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION,WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION,SAN ANTONIO TRANSITION,WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9704 FWS SID FORT WORTH SPINKS, FORT WORTH, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132238-1705252238EST.

Kenneth Copeland

FDC 7/2205 4T2 SPECIAL KENNETH COPELAND, FORT WORTH, TX. TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURE, ORIG...PROCEDURE NA. 1702072318-1709192318EST.

FREDERICKSBURG

Gillespie County

FDC 7/4326 T82 IAP GILLESPIE COUNTY, FREDERICKSBURG, TX. RNAV (GPS) RWY 14, AMDT 1B...DESCENT ANGLE 3.00/TCH 43 NA. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701132156-1708252156EST.

FDC 6/9960 T82 ODP GILLESPIE COUNTY, FREDERICKSBURG, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 14, CLIMB HEADING 140.73 TO 2400 BEFORE PROCEEDING ON COURSE. RWY 32, CLIMB HEADING 320.74 TO 2400 BEFORE PROCEEDING ON COURSE. NOTE: RWY 14, TREES BEGINNING 32 FT FROM DER, 299 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1694 FT MSL. TREES AND POLES BEGINNING 203 FT FROM DER, 297 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/1723 FT MSL. NOTE: RWY 32, TREES BEGINNING 85 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 63 FT AGL/1742 FT MSL. POLES BEGINNING 1028 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1734 FT MSL. TREES AND BUILDING BEGINNING 10 FT FROM DER, 366 FT RIGHT OF CENTERLINE, UP TO 31 FT AGL/1719 FT MSL. 1610312037-1706122037EST.

FDC 5/0246 T82 IAP GILLESPIE COUNTY, FREDERICKSBURG, TX. RNAV (GPS) RWY 14, AMDT 1B...DESCENT ANGLE 3.00/TCH 43 NA. 1512212032-1608012031EST.

GEORGETOWN

Georgetown Muni

FDC 7/6789 GTU STAR GEORGETOWN MUNI, GEORGETOWN, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231800-1712310901.

GLADEWATER

Gladewater Muni

FDC 7/5224 07F IAP GLADEWATER MUNI, GLADEWATER, TX. VOR/DME RWY 14, AMDT 3A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1701172158-1708292158EST.

FDC 6/7212 07F IAP GLADEWATER MUNI, GLADEWATER, TX. VOR/DME RWY 14, AMDT 3A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612061712-1707181712EST.

FDC 6/7211 07F IAP GLADEWATER MUNI, GLADEWATER, TX. RNAV (GPS) RWY 14, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612061711-1707181710EST.

FDC 6/7210 07F IAP GLADEWATER MUNI, GLADEWATER, TX. RNAV (GPS) RWY 32, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1612061709-1707181708EST.

GRAHAM

Graham Muni

FDC 6/2500 RPH ODP GRAHAM MUNI, GRAHAM, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A. TAKE-OFF MINIMUMS: RWY 36, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1500. NOTE: RWY 3, TREES, BEGINNING 46 FT FROM DER, 91 FT RIGHT OF CENTERLINE, UP TO 1149 FT MSL. TREE 92 FT FROM DER, 240 FT LEFT OF CENTERLINE, 1123 FT MSL. TREE 253 FT FROM DER, 253 FT LEFT OF CENTERLINE, 1131 FT MSL. TREE 322 FT FROM DER, 354 FT LEFT OF CENTERLINE, 1133 FT MSL. TREE 424 FT FROM DER, 290 FT LEFT OF CENTERLINE, 1140 FT MSL. TREE 439 FT FROM DER, 90 FT LEFT OF CENTERLINE, 1145 FT MSL. TREE 550 FT FROM DER, 313 FT LEFT OF CENTERLINE, 1146 FT MSL. TREE 554 FT FROM DER, 219 FT LEFT OF CENTERLINE, 1148 FT MSL. POLE, TOWER, ANT, TREE, BEGINNING 599 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/1154 FT MSL. TREES, BEGINNING 734 FT FROM DER, 88 FT RIGHT OF CENTERLINE, UP TO 1151 FT MSL. NOTE: RWY 21, TREES, BEGINNING 24 FT FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 1127 FT MSL. POLE, TREE, BEGINNING 35 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/1139 FT MSL. POLE, TREE, BEGINNING 228 FT FROM DER, 252 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/1159 FT MSL. T-L TWR, BEGINNING 1598 FT FROM DER, 107 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/1170 FT MSL. NOTE: RWY ALL OTHER DATA REMAINS AS PUBLISHED. TREE 529 FT FROM DER, 602 FT LEFT OF CENTERLINE, 1211 FT MSL. CHANGE ALL REFERENCE FROM RWY 17/35 TO 18/36. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031720-1706151720EST

GRAND PRAIRIE

Grand Prairie Muni

FDC 7/1961 GPM SID GRAND PRAIRIE MUNI, GRAND PRAIRIE, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION, WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION, SAN ANTONIO TRANSITION, WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9848 GPM SID GRAND PRAIRIE MUNI, GRAND PRAIRIE, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141209-1705261209EST.

FDC 6/9709 GPM SID GRAND PRAIRIE MUNI, GRAND PRAIRIE, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132240-1705252240EST.

HARLINGEN

Valley Intl

FDC 6/9772 HRL IAP VALLEY INTL, HARLINGEN, TX. VOR/DME Y OR TACAN RWY 31, AMDT 1A...PROCEDURE NA, BRO VORTAC OUT OF SERVICE. 1611171721-1706291719EST.

FDC 6/9730 HRL IAP VALLEY INTL, HARLINGEN, TX. LOC/DME BC RWY 35L, ORIG...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, BRO VORTAC OUT OF SERVICE. 1611171701-1706291701EST.

FDC 6/2056 HRL IAP VALLEY INTL, HARLINGEN, TX. VOR/DME Y OR TACAN RWY 31, AMDT 1A...MSA BRO VORTAC 25 NM 360-240 1600. TOWER, 539 MSL, 20.12 NM SOUTH OF KHRL, 48-014825. 1610031715-1705151715EST.

HEREFORD

Hereford Muni

FDC 6/8391 HRX IAP HEREFORD MUNI, HEREFORD, TX. RNAV (GPS) RWY 20, ORIG-A...LNAV MDA 4220/ HAT 434 ALL CATS. VIS CAT C/D 1 1/4. VDP 1.21 NM TO RWY 20. MSA RW20 25 NM 5700. 1612071938-1707191938EST.

FDC 6/7387 HRX IAP HEREFORD MUNI, HEREFORD, TX. RNAV (GPS) RWY 2, ORIG-A...MSA RW02 25 NM 5700. WIND TURBINE, 4669 MSL, 25.05 NM WEST OF RW02 APPROACH END , 2014-WTW-4722-OE. 1610121218-1705241218EST.

HIGGINS

Higgins-Lipscomb County

FDC 6/1631 1X1 IAP HIGGINS-LIPSCOMB COUNTY, HIGGINS, TX. VOR/DME-A, AMDT 1...CIRCLING MDA 3220/HAA 654 CATS A/B/C; VISIBILITY CAT C 1 3/4. CHANGE BACK-UP ALTIMETER SETTING NOTE TO READ: USE CANADIAN ALTIMETER SETTING; WHEN NOT RECEIVED, USE GAGE, OK ALTIMETER SETTING: INCREASE ALL MDAS 20 FEET AND VISIBILITY CAT C 1/4 SM. 1611202349-1707022349EST.

HONDO

South Texas Rgnl At Hondo

FDC 7/6385 HDO IAP SOUTH TEXAS RGNL AT HONDO, HONDO, TX. RNAV (GPS) RWY 17L, AMDT 1...NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.. 1701202052-1709012051EST.

HOUSTON

David Wayne Hooks Memorial

FDC 7/1940 DWH SID DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/2173 DWH STAR DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. RIICE SEVEN ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET AIRCRAFT LANDING IAH CAPABLE OF 280K OR GREATER MUST FILE THE DRLLR/GUSHR (RNAV) STARS. 1607071510-1712312359EST.

Ellington

FDC 7/1941 EFD SID ELLINGTON, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

George Bush Intercontinental/Houston

FDC 7/1942 IAH SID GEORGE BUSH INTERCONTINENTAL/HOUSTON, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/4818 IAH STAR GEORGE BUSH INTERCONTINENTAL/HOUSTON, HOUSTON, TX. GUSHR THREE (RNAV) ARRIVAL...REVISE NOTE: TURBOJET AIRCRAFT DESCEND VIA MACH NUMBER UNTIL INTERCEPTING 280K. MAINTAIN 280K UNTIL SLOWED BY THE STAR. 1606211550-1712312359EST.

FDC 6/2373 IAH STAR GEORGE BUSH INTERCONTINENTAL/HOUSTON, HOUSTON, TX. ZEEKK ONE (RNAV) ARRIVAL...REVISE NOTE: TURBOJET AND TURBOPROP ACFT CAPABLE OF 280K OR GREATER ONLY. 1607071645-1712312359EST.

FDC 6/2369 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
TTORO THREE (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP ACFT CAPABLE OF
280K OR GREATER ONLY.
1607071645-1712312359EST.

FDC 6/2332 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
TEJAS THREE (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071640-1712312359EST.

FDC 6/2330 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
SKNRD FOUR (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP ACFT CAPABLE OF
280K OR GREATER ONLY.
1607071640-1712312359EST.

FDC 6/2327 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
OHIO THREE ARRIVAL...REVISE NOTE:
DME/DME/IRU OR GPS EQUIPPED TURBOJET AND
TURBOPROP AIRCRAFT LANDING IAH CAPABLE OF
280K OR GREATER MUST FILE THE GESNR/ZEEKK
OR DOOBI/SKNRD (RNAV) STARS.
1607071635-1712312359EST.

FDC 6/2322 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
NNCEE ONE (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071630-1712312359EST.

FDC 6/2321 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
MSCOT FOUR (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071630-1712312359EST.

FDC 6/2320 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
LINKK ONE (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071630-1712312359EST.

FDC 6/2319 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
DUUUK TWO ARRIVAL...REVISE NOTE:
DME/DME/IRU OR GPS EQUIPPED TURBOJET AND
TURBOPROP AIRCRAFT CAPABLE OF 280K OR
GREATER MUST FILE THE HTOWN/TEJAS(RNAV)
STARS. 1607071625-1712312359EST.

FDC 6/2309 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
HTOWN TWO (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071615-1712312359EST.

FDC 6/2308 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
GUSHR THREE (RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071615-1712312359EST.

FDC 6/2263 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
GILCO FOUR ARRIVAL...REVISE NOTE:
DME/DME/IRU OR GPS EQUIPPED TURBOJET AND
TURBOPROP AIRCRAFT CAPABLE OF 280K OR
GREATER MUST FILE THE LINKK/NNCEE (RNAV)
STARS. 1607071615-1712312359EST.

FDC 6/2261 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
GESNR ONE(RNAV) ARRIVAL...REVISE NOTE:
TURBOJET AND TURBOPROP AIRCRAFT CAPABLE
OF 280K OR GREATER ONLY.
1607071615-1712312359EST.

FDC 6/2171 IAH STAR GEORGE BUSH
INTERCONTINENTAL/HOUSTON, HOUSTON, TX.
RIICE SEVEN ARRIVAL...REVISE NOTE:
DME/DME/IRU OR GPS EQUIPPED TURBOJET OR
TURBOPROP AIRCRAFT LANDING IAH CAPABLE OF
280K OR GREATER MUST FILE THE DRLLR/GUSHR
(RNAV) STARS. 1607071510-1712312359EST.

Houston Executive

FDC 7/1945 TME SID HOUSTON EXECUTIVE,
HOUSTON, TX. LEONA TWO
DEPARTURE...ARDMORE TRANSITION,RANGER
TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, ACT
VORTAC OUT OF SERVICE.
1702071848-1703041848EST.

Houston-Southwest

FDC 7/1938 AXH SID HOUSTON-SOUTHWEST,
HOUSTON, TX. LEONA TWO
DEPARTURE...ARDMORE TRANSITION,RANGER
TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, ACT
VORTAC OUT OF SERVICE.
1702071848-1703041848EST.

FDC 6/9923 AXH IAP HOUSTON-SOUTHWEST,
HOUSTON, TX. RNAV (GPS) RWY 9, AMDT 2...LPV DA
NA. LNAV/VNAV DA NA. 1610312022-1706122022EST.

Lone Star Executive

FDC 7/1939 CXO SID LONE STAR EXECUTIVE, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/2176 CXO STAR LONE STAR EXECUTIVE, HOUSTON, TX. RIICE SEVEN ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET AIRCRAFT LANDING IAH CAPABLE OF 280K OR GREATER MUST FILE THE DRLLR/GUSHR (RNAV) STARS. 1607071510-1712312359EST.

Sugar Land Rgnl

FDC 7/1944 SGR SID SUGAR LAND RGNL, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/2653 SGR IAP SUGAR LAND RGNL, HOUSTON, TX. RNAV (GPS) RWY 17, AMDT 2...LNAV/VNAV DA 704/HAT 622. 1610041359-1705161359EST.

West Houston

FDC 7/1943 IWS SID WEST HOUSTON, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/4841 IWS IAP WEST HOUSTON, HOUSTON, TX. VOR-D, AMDT 1...PROCEDURE NA. 1608302025-1704112024EST.

FDC 6/1394 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 33, AMDT 1A...LNAV MDA 640/HAT 529 ALL CATS. VIS CAT C 1 1/2. NOTE: USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING. DISREGARD NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT. NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSi INOP, CIRCLING RWY 15 NA AT NIGHT. DISREGARD NOTE: WHEN VGSi INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT. 1611021544-1706141544EST.

FDC 6/1390 IWS IAP WEST HOUSTON, HOUSTON, TX. RNAV (GPS) RWY 15, AMDT 1B...LP MDA 540/HAT 429. VIS CAT C 1 1/4. LNAV CAT A/B/C MDA 600/HAT 489. VIS CAT C 1 3/8. NOTE: USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING. DISREGARD NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GEORGE BUSH INTERCONTINENTAL/HOUSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE LP CAT C VISIBILITY 1/4 MILE AND LNAV CAT C VISIBILITY 1/8 MILE. NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSi INOP, CIRCLING RWY 33 NA AT NIGHT. DISREGARD NOTE: WHEN VGSi INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE NA AT NIGHT. 1611021538-1706141538EST.

William P Hobby

FDC 7/1965 HOU SID WILLIAM P HOBBY, HOUSTON, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION, RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/2430 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. TKNiQ ONE (RNAV) ARRIVAL...REVISE NOTE: TURBOJET AND TURBOPROP AIRCRAFT CAPABLE OF 280K OR GREATER ONLY. 1607071720-1712312359EST.

FDC 6/2428 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. TCHDN TWO ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET AND TURBOPROP ACFT LANDING HOU CAPABLE OF 280K OR GREATER MUST FILE THE BELLR (RNAV) STAR. 1607071715-1712312359EST.

FDC 6/2409 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. BELLR TWO (RNAV) ARRIVAL...REVISE NOTE: TURBOJET AND TURBOPROP AIRCRAFT CAPABLE OF 280K OR GREATER ONLY. 1607071710-1712312359EST.

FDC 6/2315 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. HUDZY TWO ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET AND TURBOPROP AIRCRAFT CAPABLE OF 280K OR GREATER MUST FILE THE WAPPL (RNAV) STAR. 1607071620-1712312359EST.

FDC 6/2164 HOU STAR WILLIAM P HOBBY, HOUSTON, TX. QTRBK ONE ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET OR TURBOPROP AIRCRAFT LANDING HOU CAPABLE OF 280K OR GREATER MUST FILE THE KIDDZ (RNAV) STAR. 1607071500-1712312359EST.

JACKSONVILLE

Cherokee County

FDC 6/9895 JSO IAP CHEROKEE COUNTY, JACKSONVILLE, TX. RNAV (GPS) RWY 14, AMDT 1...LPV DA 928/HAT 250. 1610312008-1706122007EST.

JASPER

Jasper County-Bell Field

FDC 7/2229 JAS IAP JASPER COUNTY-BELL FIELD, JASPER, TX. RNAV (GPS) RWY 18, ORIG...RNAV (GPS) RWY 36, ORIG-B...CIRCLING CATS A/B/C MDA 780/HAA 567. DRILLING RIG, 424 MSL, 1.48 NM NW OF KJAS, (2016-ASW-11580-OE). 1701091551-1704091551EST.

KERRVILLE

Kerrville Muni/Louis Schreiner Field

FDC 6/4281 ERV ODP KERRVILLE MUNI/LOUIS SCHREINER FIELD, KERRVILLE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF MINIMUMS: RWY3, STANDARD WITH MINIMUM CLIMB OF 437 FT PER NM TO 2800 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS. ALL OTHER DATA REMAINS AS PUBLISHED.. 1610201652-1706011652EST.

KILLEEN

Skylark Field

FDC 7/1934 ILE SID SKYLARK FIELD, KILLEEN, TX. LAMPS FIVE DEPARTURE...GLEN ROSE TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

KOUNTZE/SILSBEE

Hawthorne Field

FDC 6/1693 45R IAP HAWTHORNE FIELD, KOUNTZE/SILSBEE, TX. NDB RWY 13, AMDT 3...NOTE: PROCEDURE NA AT NIGHT. 1611021915-1706141915EST.

FDC 6/1654 45R IAP HAWTHORNE FIELD, KOUNTZE/SILSBEE, TX. RNAV (GPS) RWY 13, AMDT 1A...LP MDA NA. DESCENT ANGLE 3.00/TCH 40 NA. NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT. 1611021911-1706141911EST.

LA GRANGE

Fayette Rgnl Air Center

FDC 6/6303 3T5 IAP FAYETTE RGNL AIR CENTER, LA GRANGE, TX. RNAV (GPS) RWY 16, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN / CIRCLING RWY 16 PROCEDURE NA AT NIGHT. 1610100214-1705220213EST.

FDC 6/6300 3T5 IAP FAYETTE RGNL AIR CENTER, LA GRANGE, TX. RNAV (GPS) RWY 34, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 16 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN / CIRCLING RWY 34 PROCEDURE NA AT NIGHT. 1610100212-1705220212EST.

LA PORTE

La Porte Muni

FDC 7/1946 T41 SID LA PORTE MUNI, LA PORTE, TX. LEONA TWO DEPARTURE...ARDMORE TRANSITION,RANGER TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/2963 T41 IAP LA PORTE MUNI, LA PORTE, TX. VOR-A, ORIG-A...CIRCLING CAT A,B,C MDA 680/HAT 655. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. NOTE: CIRCLING RWY 5, 23 NA AT NIGHT. 1609151736-1704271736EST.

FDC 5/7805 T41 IAP LA PORTE MUNI, LA PORTE, TX. VOR-A, ORIG...NOTE: NIGHT LANDING: RWY 5, 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1511041254-1605021254EST.

LA PRYOR

Chaparrosa Ranch

FDC 7/2068 72TE SPECIAL CHAPARROSA RANCH, LA PRYOR, TX. NDB RWY 15, AMDT 1...NOTE STRAIGHT-IN MINIMUMS NA. FINAL APPROACH FIX (FAF) MINIMUM ALTITUDE 1700. 1702072121-1709192121EST.

LAGO VISTA

Lago Vista Tx - Rusty Allen

FDC 7/6800 RYW STAR LAGO VISTA TX - RUSTY ALLEN, LAGO VISTA, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231805-1712310901.

LAKEWAY

Lakeway Airpark

FDC 7/6785 3R9 STAR LAKEWAY AIRPARK, LAKEWAY, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231800-1712310901.

FDC 6/4580 3R9 IAP LAKEWAY AIRPARK, LAKEWAY, TX. RNAV (GPS) RWY 16, AMDT 1A...DESCENT ANGLE 3.00/TCH 40 NA. 1612222041-1708032041EST.

LAMPASAS

Lampasas

FDC 6/2415 LZZ IAP LAMPASAS, LAMPASAS, TX. RNAV (GPS) RWY 34, ORIG...NOTE: NIGHT LANDING: RWY 16 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD VDP. 34:1 IS NOT CLEAR. 1611031646-1706151646EST.

FDC 6/2413 LZZ IAP LAMPASAS, LAMPASAS, TX. VOR-A, AMDT 4...NOTE: NIGHT LANDING: RWY 16 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611031645-1706151644EST.

LANCASTER

Lancaster Rgnl

FDC 7/1962 LNC SID LANCASTER RGNL, LANCASTER, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION, WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION, SAN ANTONIO TRANSITION, WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9700 LNC SID LANCASTER RGNL, LANCASTER, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132236-1705252236EST.

LIBERTY

Liberty Muni

FDC 6/2182 T78 STAR LIBERTY MUNI, LIBERTY, TX. RIICE SEVEN ARRIVAL...REVISE NOTE: DME/DME/IRU OR GPS EQUIPPED TURBOJET AIRCRAFT LANDING IAH CAPABLE OF 280K OR GREATER MUST FILE THE DRLLR/GUSHR (RNAV) STARS. 1607071515-1712312359EST.

LLANO

Llano Muni

FDC 6/1629 AQO IAP LLANO MUNI, LLANO, TX. RNAV (GPS) RWY 17, ORIG...RNAV (GPS) RWY 35, ORIG...VOR-A, AMDT 4...NIGHT LANDING: RWY 35 NA. 1611202347-1707022347EST.

LUBBOCK

Lubbock Preston Smith Intl

FDC 7/9964 LBB IAP LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. RNAV (GPS) RWY 26, AMDT 2A...NOTE: PROCEDURE NA FOR ARRIVALS AT SLIDE ON V76-81 SOUTHBOUND. DISREGARD NOTE: PROCEDURE NA FOR ARRIVALS AT SLIDE ON V76-81 NORTHBOUND. 1702012039-1709132039EST.

FDC 7/1115 LBB IAP U.S. DOD LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. HI - ILS OR LOC RWY 17R, AMDT 1...HI LOC/DME BC RWY 35L, ORIG-A...PROCEDURE NA. 1701051450-1708171449EST.

LUFKIN

Angelina County

FDC 6/4108 LFK IAP ANGELINA COUNTY, LUFKIN, TX. ILS OR LOC RWY 7, AMDT 2B...S-ILS DA 536/HAT 250 ALL CATS. CIRCLING CAT C MDA 800/HAA 504. NOTE: NIGHT LANDING RWY 15, 25 NA. 1610201516-1706011516EST.

FDC 6/4100 LFK IAP ANGELINA COUNTY, LUFKIN, TX. VOR/DME RWY 15, AMDT 3...S-15 MDA 760/HAT 471 ALL CATS. CIRCLING CAT C MDA 800/HAA 504. PLANVIEW: 16 DME ARC INITIAL ROUTE FROM LFK R-199 CW TO LFK R-332 MINIMUM ALTITUDE 2100. PROFILE VIEW: PROCEDURE TURN INITIAL ALTITUDE 2100. NOTE: NIGHT LANDING RWY 15, 25 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201514-1706011514EST.

FDC 6/4098 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 7, ORIG-A...CIRCLING CAT C MDA 800/HAA 504. NOTE: NIGHT LANDING RWY 15, 25 NA. 1610201513-1706011513EST.

FDC 6/4094 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 15, ORIG-A...CIRCLING CAT C MDA 800/HAA 504. PROFILE VIEW: DISREGARD VDP DATA AND SYMBOL. 1610201511-1706011511EST.

FDC 6/4092 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 25, AMDT 1A...LNAV MDA 700/HAT 404 ALL CATS. LNAV CAT C/D VISIBILITY 1 1/8 MILE. CIRCLING CAT C MDA 800/HAA 504. 1610201510-1706011510EST.

FDC 6/4089 LFK IAP ANGELINA COUNTY, LUFKIN, TX. RNAV (GPS) RWY 33, AMDT 1A...VOR RWY 33, AMDT 14B...CIRCLING CAT C MDA 800/HAA 504. 1610201508-1706011508EST.

MARLIN

Marlin

FDC 7/1947 T15 IAP MARLIN, MARLIN, TX. VOR/DME OR GPS-A, AMDT 7...VOR/DME PORTION NA, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

MASON

Mason County

FDC 6/6252 T92 IAP MASON COUNTY, MASON, TX. RNAV (GPS) RWY 18, ORIG-B...VISUAL DESCENT ANGLE 3.00/40 TCH NOT AUTHORIZED. 1610100150-1705220150EST.

MC ALLEN

Mc Allen Miller Intl

FDC 7/3546 MFE IAP MC ALLEN MILLER INTL, MC ALLEN, TX. ILS OR LOC RWY 14, AMDT 9...CHANGE GLIDE SLOPE FROM 3.00/TCH 61 TO 3.00/TCH 56. 1701111932-1708231932EST.

MESQUITE

Mesquite Metro

FDC 7/1963 HQZ SID MESQUITE METRO, MESQUITE, TX. JOE POOL NINE DEPARTURE...ELLVR TRANSITION, WINDU TRANSITION DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. HOARY TRANSITION, SAN ANTONIO TRANSITION, WACO TRANSITION NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 6/9836 HQZ SID MESQUITE METRO, MESQUITE, TX. DALLAS THREE DEPARTURE...CHANGE PROPS NOTE TO READ: PROPS REQUESTING FL230 AND BELOW EXPECT THE HUBBARD DEPARTURE. PROPS DEPARTING DFW AND DAL REQUESTING FL240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610141205-1705261205EST.

FDC 6/0112 HQZ SID MESQUITE METRO, MESQUITE, TX. SWABR FOUR DEPARTURE (RNAV)...CHANGE CTAF FREQUENCY FROM 123.05 TO 120.3. 1610141415-1705261415EST.

MEXIA

Mexia-Limestone Co

FDC 6/1448 LXY IAP MEXIA-LIMESTONE CO, MEXIA, TX. NDB-A, AMDT 4...RNAV (GPS) RWY 36, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1611202003-1707022003EST.

MIDLAND

Midland Intl Air And Space Port

FDC 7/9373 MAF IAP MIDLAND INTL, MIDLAND, TX. RNAV (GPS) RWY 22, AMDT 1A...LNAV/VNAV DA 3208/HAT 353 ALL CATS. VIS 1 1/8 ALL CATS. DRILLING RIG, 2987 MSL, 3658 FT NORTH OF APPROACH END RWY 22, (2016-ASW-6800-OE), DRILLING RIG, 2997 MSL, 4005 FT NORTH OF APPROACH END RWY 22, (2016-ASW-4565-OE). 1701311902-1704151902EST.

FDC 7/8385 MAF ODP MIDLAND INTL, MIDLAND, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 34R 200-1 OR STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 3200. NOTE: RWY 34R, DRILLING RIG, 4982 FT FROM DEPARTURE END OF RWY, 844 FT LEFT OF CENTERLINE, 170 AGL/3037 MSL. (2015-ASW-3922-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701271158-1705071158EST.

FDC 7/3319 MAF IAP MIDLAND INTL, MIDLAND, TX. RADAR 1, AMDT 6...ASR RWY 28 MDA 3300/HAT 445 ALL CATS. DRILLING RIG, 3000 MSL, 1.25 NM SOUTH OF APPROACH END RWY 28, 2016-ASW-7815-OE. 1701111530-1702201530EST.

FDC 6/8514 MAF IAP MIDLAND INTL, MIDLAND, TX. RNAV (GPS) RWY 28, AMDT 2A...LNAV/VNAV DA 3267/HAT 409 ALL CATS. VIS 1 1/8 ALL CATS. 1611161315-1706281315EST.

FDC 6/3187 MAF ODP MIDLAND INTL, MIDLAND, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...CHANGE AIRPORT NAME TO MIDLAND INTL AIR AND SPACE PORT. ALL OTHER DATA REMAINS AS PUBLISHED. 1609152029-1704272029EST.

FDC 6/3183 MAF IAP U.S. DOD MIDLAND INTL, MIDLAND, TX. HI - VOR/DME OR TACAN RWY 16R, AMDT 3...HI - VOR/DME OR TACAN RWY 34L, AMDT 2...ILS OR LOC RWY 10, AMDT 16B...RADAR 1, AMDT 6...RNAV (GPS) RWY 10, AMDT 2A...RNAV (GPS) RWY 16R, AMDT 1A...RNAV (GPS) RWY 22, AMDT 1A...RNAV (GPS) RWY 28, AMDT 2A...RNAV (GPS) RWY 34L, AMDT 1A...RNAV (GPS) RWY 4, AMDT 1B...VOR OR TACAN RWY 16R, AMDT 23A...VOR/DME OR TACAN RWY 34L, AMDT 10A...CHANGE AIRPORT NAME TO MIDLAND INTL AIR AND SPACE PORT. 1609152029-1704272029EST.

MIDLOTHIAN/WAXAHACHIE

Mid-Way Rgnl

FDC 6/9697 JWY SID MID-WAY RGNL, MIDLOTHIAN/WAXAHACHIE, TX. HUBBARD NINE DEPARTURE...CHANGE PROPS NOTE TO READ: FOR PROPS REQUESTING FL230 AND BELOW. PROPS DEPARTING DFW AND DAL REQUESTING FL 240 AND ABOVE EXPECT THE WYLIE DEPARTURE. PROPS FROM OTHER AIRPORTS REQUESTING FL240 OR ABOVE EXPECT THE DALLAS DEPARTURE. 1610132234-1705252234EST.

MULESHOE

Muleshoe Muni

FDC 7/8925 2T1 IAP MULESHOE MUNI, MULESHOE, TX. RNAV (GPS)-B, ORIG...VOR/DME-A, AMDT 1A...TEXICO (TXO) VORTAC (IAF) MINIMUM ALTITUDE 7000. MISSED APPROACH: CLIMBING RIGHT TURN TO 7000 DIRECT TXO VORTAC AND HOLD. 1701292228-1709102228EST.

PADUCAH

Dan E Richards Muni

FDC 6/1196 3F6 IAP DAN E RICHARDS MUNI, PADUCAH, TX. VOR/DME OR GPS RWY 35, AMDT 1...VOR/DME PORTION NA. 1611201535-1707021535EST.

PALESTINE

Palestine Muni

FDC 6/1421 PSN ODP PALESTINE MUNI, PALESTINE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...TAKEOFF MINIMUMS: RWY 9, STANDARD WITH A MINIMUM CLIMB OF 313 FT PER NM TO 1200, OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 9, FOR CLIMB IN VISUAL CONDITIONS: CROSS PALESTINE MUNICIPAL AIRPORT AT OR ABOVE 1300. ALL OTHER DATA REMAINS AS PUBLISHED.. 1609301918-1705121918EST.

FDC 6/1408 PSN IAP PALESTINE MUNI, PALESTINE, TX. RNAV (GPS) RWY 18, ORIG-A...CHANGE TAA TO READ: FROM 267/30 CW 357/30 TO DUCAL (IAF) MINIMUM ALTITUDE 3000. ALL OTHER TAA DATA REMAINS AS PUBLISHED. 1609301913-1705121913EST.

FDC 6/1323 PSN IAP PALESTINE MUNI, PALESTINE, TX. NDB RWY 36, AMDT 8...RNAV (GPS) RWY 36, AMDT 1A...VOR/DME RWY 18, AMDT 5A...CIRCLING RWY 9, 27 NA AT NIGHT. 1611201859-1707021859EST.

PEARSALL

Mc Kinley Field

FDC 6/3640 T30 IAP MC KINLEY FIELD, PEARSALL, TX. VOR/DME OR GPS-A, AMDT 2A...PROCEDURE NA AT NIGHT. 1610201211-1706011211EST.

PECOS

Pecos Muni

FDC 6/4905 PEQ IAP PECOS MUNI, PECOS, TX. RNAV (GPS) RWY 32, ORIG-A...LNAV MDA 2940/HAT 335 ALL CATS. VDP 0.93 NM TO RW32.. 1611301936-1707121936EST.

FDC 6/2427 PEQ ODP PECOS MUNI, PECOS, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...NOTE: RWY 9, POWER LINE, 2020 FT FROM DEPARTURE END OF RWY, 862 FT RIGHT OF CENTERLINE, 62 AGL/2654 MSL, 2015-ASW-6720-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031652-1706151652EST.

PORT ISABEL

Port Isabel-Cameron County

FDC 7/2215 PIL ODP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A...TAKE-OFF MINIMUMS RWY 17, STANDARD WITH MINIMUM CLIMB OF 273 FT PER NM TO 600. RWY 21, 600 - 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 307 FT PER NM TO 700. DEPARTURE PROCEDURE: RWY 13, FLY HEADING 129.84 TO 500 BEFORE TURNING RIGHT. NOTE: RWY 21, WIND TURBINE, 2.13 NM FROM DEPARTURE END OF RWY, 2519 FT LEFT OF CENTERLINE, 499 FT AGL/518 FT MSL, 2015-WTW-3184-OE. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072325-1709192325EST.

FDC 7/2213 PIL IAP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. VOR-A, AMDT 6A...CIRCLING CAT A/B/C MDA 780/HAA 761. VIS CAT C 2 1/4. WIND TURBINE, 522 MSL, 2.95 NM SW OF KPIL, 2015-WTW-3182-OE. 1702072324-1709192324EST.

FDC 6/9770 PIL IAP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. VOR-A, AMDT 6A...VOR/DME-B, AMDT 3A...PROCEDURE NA, BRO VORTAC OUT OF SERVICE. 1611171715-1706291715EST.

FDC 6/8267 PIL IAP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. RNAV (GPS) RWY 13, AMDT 1...NOTE: NIGHT LANDING: RWY 3, 8, 17, 21, 26, 35 NA. 1610121917-1705241917EST.

FDC 6/6218 PIL IAP PORT ISABEL-CAMERON COUNTY, PORT ISABEL, TX. VOR-A, AMDT 6A...VOR/DME-B, AMDT 3A...NOTE: NIGHT LANDING: RWY 3, 8, 17, 21, 26, 35 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1611101713-1706221712EST.

SAN ANTONIO

Boerne Stage Field

FDC 7/0389 5C1 ODP BOERNE STAGE FIELD, SAN ANTONIO, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE NA. 1702021636-1709141636EST.

Kelly Fld

FDC 7/6812 SKF STAR LACKLAND AFB (KELLY FLD ANNEX), SAN ANTONIO, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1701231810-1703020901.

FDC 7/6811 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

FDC 7/6809 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

FDC 7/6808 SKF STAR LACKLAND AFB (KELLY FIELD ANNEX), SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

San Antonio Intl

FDC 7/6806 SAT STAR SAN ANTONIO INTERNATIONAL, SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

FDC 7/6805 SAT STAR SAN ANTONIO INTERNATIONAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231805-1703020901.

FDC 7/6803 SAT STAR SAN ANTONIO INTL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1701231805-1703020901.

FDC 7/6802 SAT STAR SAN ANTONIO INTERNATIONAL, SAN ANTONIO, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231805-1703020901.

FDC 7/4314 SAT IAP SAN ANTONIO INTL, SAN ANTONIO, TX. ILS OR LOC RWY 4, AMDT 22A...AUTOPILOT COUPLED APPROACH NA BELOW 1189 MSL. 1701132146-1708252146EST.

Stinson Muni

FDC 7/6818 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1701231815-1703020901.

FDC 7/6817 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231815-1703020901.

FDC 7/6815 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

FDC 7/6814 SSF STAR STINSON MUNICIPAL, SAN ANTONIO, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231810-1703020901.

SEYMOUR

Seymour Muni

FDC 6/5457 60F IAP SEYMOUR MUNI, SEYMOUR, TX. GPS RWY 17, ORIG-A...MSA SEALE 25 NM 3100. ANTENNA TOWER, 2004 MSL, 28.18 NM WEST OF R17, 48-008886. 1608311436-1704121436EST.

SINTON

Alfred C 'Bubba' Thomas

FDC 6/2823 T69 IAP ALFRED C BUBBA THOMAS, SINTON, TX. VOR/DME RWY 14, AMDT 1B...PROCEDURE NA. 1611261509-1707081508EST.

SLATON

Slaton Muni

FDC 7/0933 F49 IAP SLATON MUNI, SLATON, TX. RNAV (GPS) RWY 36-ORIG...RNAV (GPS) RWY 18-ORIG...PROCEDURE NA AT NIGHT. 1701051156-1708171154EST.

STEPHENVILLE

Stephenville Clark Rgnl

FDC 6/4766 SEP ODP STEPHENVILLE CLARK RGNL, STEPHENVILLE, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...CHANGE TAKEOFF OBSTACLE NOTES TO READ: NOTE: RWY 14, TREE 296FT FROM DER, 254FT LEFT OF CENTERLINE, 1317FT MSL. TREES BEGINNING 338FT FROM DER, 436FT LEFT OF CENTERLINE, UP TO 1326FT MSL. VEHICLE ON ROAD 210FT FROM DER, CROSSING LEFT AND RIGHT OF CENTERLINE, 1298FT MSL. TREES BEGINNING 199FT FROM DER, 135FT RIGHT OF CENTERLINE, UP TO 1327FT MSL. TREES BEGINNING 220FT FROM DER, 206FT RIGHT OF CENTERLINE, UP TO 1340FT MSL. RWY 32, TREES AND POLES BEGINNING 230FT FROM DER, 387FT LEFT OF CENTERLINE, UP TO 1342FT MSL. POLE 540FT FROM DER, 400FT LEFT OF CENTERLINE, 1335FT MSL. TREES AND POLE BEGINNING 540FT FROM DER, 31FT LEFT OF CENTERLINE, UP TO 1355FT MSL. TREE 128FT FROM DER, 446FT RIGHT OF CENTERLINE, 1364FT MSL. TREES AND POLE BEGINNING 242FT FROM DER, 244FT RIGHT OF CENTERLINE, UP TO 1369FT MSL. TREES AND POLE BEGINNING 746FT FROM DER, 3FT RIGHT OF CENTERLINE, UP TO 1351FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609191843-1705011843EST.

SULPHUR SPRINGS

Sulphur Springs Muni

FDC 6/9403 SLR IAP SULPHUR SPRINGS MUNI, SULPHUR SPRINGS, TX. RNAV (GPS) RWY 19, ORIG-A...LPV DA 726/HAT 250, VIS 7/8 ALL CATS. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARIS ALTIMETER SETTING: INCREASE LPV DA TO 803 FEET, LNAV/VNAV DA TO 853 FEET AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 80 FEET AND VISIBILITY CAT C 3/8 SM. 1609091547-1704211547EST.

TAYLOR

Taylor Muni

FDC 7/6792 T74 STAR TAYLOR MUNI, TAYLOR, TX. MSTLO ONE RNAV ARRIVAL...ADD NOTE: OHSEE TRANSITION ATC ASSIGNED ONLY. 1701231800-1712310901.

FDC 6/3712 T74 IAP TAYLOR MUNI, TAYLOR, TX. VOR/DME RWY 17, AMDT 1B...DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1609161643-1704281643EST.

TEMPLE

Draughon-Miller Central Texas Rgnl

FDC 7/4077 TPL IAP DRAUGHON-MILLER CENTRAL TEXAS RGNL, TEMPLE, TX. ILS OR LOC RWY 15, AMDT 12A...MISSED APPROACH: CLIMB TO 3500 ON HEADING 156 AND ACT VORTAC R-181 TO CONRA INT/ACT 40.18 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600, TPL VOR/DME OUT OF SERVICE. 1701131359-1703221359EST.

FDC 7/1935 TPL IAP DRAUGHON-MILLER CENTRAL TEXAS RGNL, TEMPLE, TX. ILS OR LOC RWY 15, AMDT 12A...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

TERRELL

Terrell Muni

FDC 6/1284 TRL ODP TERRELL MUNI, TERRELL, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 14, 32, NA - ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1611201603-1707021603EST.

TYLER

Tyler Pounds Rgnl

FDC 7/8956 TYR IAP TYLER POUNDS RGNL, TYLER, TX. RNAV (GPS) RWY 4, AMDT 2A...PROCEDURE NA. 1701292342-1709102342EST.

UNIVERSAL CITY

Randolph AFB

FDC 7/6799 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. MARCS NINE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231805-1703020901.

FDC 7/6796 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. MARCS NINE ARRIVAL...REMOVE NOTE: ASSIGNED BY ATC ONLY. 1701231800-1703020901.

FDC 7/6795 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. STONEWALL ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231800-1703020901.

FDC 7/6794 RND STAR RANDOLPH AFB, SAN ANTONIO, TX. CENTERPOINT ONE ARRIVAL...REVISE SAT LOCALIZER LABEL RWY 3 TO READ: RWY 4. 1701231800-1703020901.

FDC 6/8712 RND STAR RANDOLPH AFB, UNIVERSAL CITY, TX. STONEWALL ONE ARRIVAL...TRANSITION FROM STV VORTAC TO RND NA EXCEPT FOR ACFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. 1605041430-1706220901.

VAN HORN

Culberson County

FDC 6/4920 VHN ODP CULBERSON COUNTY, VAN HORN, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DELETE ALL REFERENCES TO RUNWAYS 17 AND 35. TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, TREE 16 FT FROM DER, 133 FT RIGHT OF CENTERLINE, 11 FT AGL/3928 FT MSL. TREE, BUSH, RD (N) BEGINNING 45 FT FROM DER, 143 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/3931 FT MSL. NOTE: RWY 21, TREE AND BUSH BEGINNING 49 FT FROM DER, 291 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/3969 FT MSL. BUSHES 83 FT FROM DER, 404 FT LEFT OF CENTERLINE, 3961 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1608302051-1704112051EST.

WACO

Mc Gregor Executive

FDC 7/6627 PWG IAP MC GREGOR EXECUTIVE, WACO, TX. VOR RWY 17, AMDT 10C...PROCEDURE TURN MINIMUM ALTITUDE 2100. MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT ACT VORTAC AND HOLD. 1701222113-1709032113EST.

FDC 7/1930 PWG ODP MC GREGOR EXECUTIVE, WACO, TX. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE RWYS 17, 22 NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

FDC 5/7020 PWG IAP MC GREGOR EXECUTIVE, WACO, TX. VOR RWY 17, AMDT 10C...PROCEDURE TURN MINIMUM ALTITUDE 2100. MISSED APPROACH: CLIMBING RIGHT TURN TO 2100 DIRECT ACT VORTAC AND HOLD. 1507171112-1601131112EST.

Tstc Waco

FDC 7/1931 CNW IAP TSTC WACO, WACO, TX. ILS OR LOC RWY 17L, AMDT 13A...S-LOC 17L NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: MISSED APPROACH: CLIMB TO 2700 DIRECT ROB NDB AND HOLD (ADF REQUIRED), ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

Waco Rgnl

FDC 7/4078 ACT IAP WACO RGNL, WACO, TX. VOR RWY 14, AMDT 23B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, TPL VOR/DME OUT OF SERVICE. 1701131359-1703221359EST.

FDC 7/1932 ACT IAP WACO RGNL, WACO, TX. ILS OR LOC RWY 19, AMDT 16A...S-LOC 19 DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 171 FOR RADAR VECTORS, ACT VORTAC OUT OF SERVICE. 1702071848-1703041848EST.

WHARTON

Wharton Rgnl

FDC 6/2911 ARM IAP WHARTON RGNL, WHARTON, TX. NDB RWY 14, ORIG...NDB RWY 32, ORIG...MSA FROM ARM NDB: 2600. TERMINAL ROUTE FROM PSX VORTAC TO ARM NDB MINIMUM ALTITUDE 2100. 1611272145-1707092145EST.

YOAKUM

Yoakum Muni

FDC 6/4130 T85 IAP YOAKUM MUNI, YOAKUM, TX. NDB RWY 31, AMDT 3A...RNAV (GPS) RWY 31, ORIG-B...DISREGARD NOTE: PROCEDURE NOT AUTHORIZED AT NIGHT. 1612202141-1708012141EST.

UTAH

BEAVER

Beaver Muni

FDC 6/7399 U52 IAP BEAVER MUNI, BEAVER, UT. RNAV (GPS)-A, ORIG...NOTE: NIGHT LANDING: RWY 07, 27, 31 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA.. 1610121233-1705241232EST.

FDC 6/6797 U52 ODP BEAVER MUNI, BEAVER, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...ADD NOTE: RWY 13, SHRUB 429FT FROM DER, 46FT RIGHT OF CENTERLINE, 5877FT MSL. TREE 642FT FROM DER, 49FT RIGHT OF CENTERLINE, 5886FT MSL. TREE 4272FT FROM DER, 1344FT RIGHT OF CENTERLINE, 6024FT MSL. TREE 4293FT FROM DER, 1086FT RIGHT OF CENTERLINE, 6024FT MSL. TERRAIN AND TREE, BEGINNING 4454FT FROM DER, 933FT RIGHT OF CENTERLINE, UP TO 6039FT MSL. TREE AND TERRAIN, BEGINNING 4997FT FROM DER, 1071FT RIGHT OF CENTERLINE, UP TO 6074FT MSL. TERRAIN 1NM FROM DER, 1996FT RIGHT OF CENTERLINE, 6115FT MSL. TREE 1NM FROM DER, 1184FT RIGHT OF CENTERLINE, 6117FT MSL. TREES, BEGINNING 1.1NM FROM DER, 1236FT RIGHT OF CENTERLINE, UP TO 6142FT MSL. TREE 1.2NM FROM DER, 1557FT RIGHT OF CENTERLINE, 6153FT MSL. TREE 1.2NM FROM DER, 1987FT RIGHT OF CENTERLINE, 6174FT MSL. TREE 1.3NM FROM DER, 1812FT RIGHT OF CENTERLINE, 6180FT MSL. TREE 1.3NM FROM DER, 2263FT RIGHT OF CENTERLINE, 6196FT MSL. TREE 1.4NM FROM DER, 2547FT RIGHT OF CENTERLINE, 6218FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609021553-1704141553EST.

CEDAR CITY

Cedar City Rgnl

FDC 7/2231 CDC IAP CEDAR CITY RGNL, CEDAR CITY, UT. ILS OR LOC RWY 20, AMDT 4...S-ILS 20** DA 5820/HAT 220. 1701091608-1708211608EST.

FDC 7/0783 CDC IAP CEDAR CITY RGNL, CEDAR CITY, UT. RNAV (GPS) RWY 20, AMDT 1...PROCEDURE NA. 1701050901-1708162047EST.

LOGAN

Logan-Cache

FDC 7/2042 LGU IAP LOGAN-CACHE, LOGAN, UT. ILS OR LOC/DME RWY 17, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, LHO VOR OUT OF SERVICE. 1702072059-1703092059EST.

MILFORD

Milford Muni/Ben And Judy Briscoe Field

FDC 7/5731 MLF IAP MILFORD MUNI/BEN AND JUDY BRISCOE FIELD, MILFORD, UT. VOR/DME-A, AMDT 4...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MLF TACAN OUT OF SERVICE. 1701190747-1702180747EST.

PRICE

Carbon County Rgnl/Buck Davis Field

FDC 6/4221 PUC IAP CARBON COUNTY RGNL/BUCK DAVIS FIELD, PRICE, UT. ILS OR LOC/DME RWY 1, AMDT 1...VOR/DME RWY 1, AMDT 1...NOTE: CIRCLING RWY 8, 19, 26, 33 NA AT NIGHT. DISREGARD NOTE: NIGHT LANDING: RWY 15, 33 NA.. 1610201605-1706011605EST.

FDC 6/0600 PUC IAP CARBON COUNTY RGNL/BUCK DAVIS FIELD, PRICE, UT. RNAV (GPS) RWY 1, AMDT 2...PROCEDURE NA. 1610141739-1705261738EST.

SALT LAKE CITY

Salt Lake City Intl

FDC 6/5244 SLC IAP SALT LAKE CITY INTL, SALT LAKE CITY, UT. RNAV (GPS) RWY 35, AMDT 2A...LP MDA NA. 1611091522-1706211522EST.

South Valley Rgnl

FDC 6/5686 U42 IAP SOUTH VALLEY RGNL, SALT LAKE CITY, UT. RNAV (GPS) Y RWY 34, ORIG-B...RNAV (GPS) Z RWY 34, ORIG-A...NOTE: RWY 34 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1612301546-1708111546EST.

ST GEORGE

St George Rgnl

FDC 7/2710 SGU ODP ST GEORGE RGNL, ST GEORGE, UT. JITKA TWO DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MMM VOR OUT OF SERVICE. 1702082344-1703102344EST.

FDC 7/2709 SGU IAP ST GEORGE RGNL, ST GEORGE, UT. LDA RWY 19, ORIG-D...VOR/DME-A, ORIG-A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, MMM VOR OUT OF SERVICE. 1702082344-1703102344EST.

FDC 7/1181 SGU IAP ST GEORGE RGNL, ST GEORGE, UT. VOR/DME-A, ORIG-A...ALTERNATE MINIMUMS NA, MMM VORTAC UNMONITORED. 1702052330-1703052330EST.

FDC 6/9810 SGU IAP ST GEORGE RGNL, ST GEORGE, UT. VOR/DME-A, ORIG-A...PROCEDURE NA. 1610141139-1705261139EST.

VERNAL

Vernal Rgnl

FDC 6/6836 VEL ODP VERNAL RGNL, VERNAL, UT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1.NOTE RWY 07, TREE 70 FT FROM DER, 227 FT LEFT OF CENTERLINE, 5247 FT MSL. POLE 407 FT FROM DER, 277 FT RIGHT OF CENTERLINE, 5256 FT MSL. POLE 750 FT FROM DER, 62 FT LEFT OF CENTERLINE, 5259 FT MSL. NOTE RWY 16, TREE 49 FT FROM DER, 462 FT RIGHT OF CENTERLINE, 5302 FT MSL. BUSH 274 FT FROM DER, 352 FT LEFT OF CENTERLINE, 5272 FT MSL. TREE 611 FT FROM DER, 392 FT RIGHT OF CENTERLINE, 5290 FT MSL. TREES BEGINNING 784 FT FROM DER, 165 FT LEFT OF CENTERLINE, UP TO 5303 FT MSL. TREES BEGINNING 3634 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 5369 FT MSL. NOTE RWY 25, ROAD 663 FT FROM DER, ON CENTERLINE, 5302 FT MSL. TREES BEGINNING 873 FT FROM DER, 160 FT LEFT OF CENTERLINE, UP TO 5338 FT MSL. BLDG BEGINNING 2297 FT FROM DER, 344 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/5350 FT MSL. TREE 1.3 NM FROM DER, 2518 FT LEFT OF CENTERLINE, 100 FT AGL/5499 FT MSL. NOTE RWY 34, TREES BEGINNING 508 FT FROM DER, 430 FT RIGHT OF CENTERLINE, UP TO 5302 FT MSL. POLE 599 FT FROM DER, 352 FT RIGHT OF CENTERLINE, 5295 FT MSL. BUSH 776 FT FROM DER, 340 FT LEFT OF CENTERLINE, 5287 FT MSL. POLE 1133 FT FROM DER, 365 FT RIGHT OF CENTERLINE, 5300 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/6836 VEL ODP VERNAL RGNL, VERNAL, UT. TAKEOFF MINIMUMS: RWY 25, 390 FT PER NM TO 7000. ALL OTHER DATA REMAINS AS PUBLISHED. 1609021755-1704141754EST

VERMONT

BURLINGTON

Burlington Intl

FDC 6/9591 BTV IAP BURLINGTON INTL, BURLINGTON, VT. RNAV (GPS) Y RWY 33, ORIG-A...LNAV MDA 740/HAT 405 ALL CATS. VIS CAT C RVR 5000. 1610311459-1706121459EST.

FDC 6/9590 BTV IAP BURLINGTON INTL, BURLINGTON, VT. VOR/DME RWY 1, ORIG...S-1 CATS A/B/C MDA 900/HAT 567. VIS CAT C 1 5/8. CIRCLING CATS A/B MDA 900/HAA 565. TOWER 581 MSL 1.93 NM SW OF RWY 1. 1610311457-1706121457EST.

FDC 6/9589 BTV IAP BURLINGTON INTL, BURLINGTON, VT. RNAV (GPS) RWY 15, AMDT 1...LPV MINIMUMS NA.. 1610311455-1706121455EST.

RUTLAND

Rutland - Southern Vermont Rgnl

FDC 7/1472 RUT IAP RUTLAND - SOUTHERN VERMONT RGNL, RUTLAND, VT. RNAV (GPS) RWY 1, AMDT 1...PROCEDURE NA. 1702061953-1709181953EST.

VIRGIN ISLANDS

CHRISTIANSTED

Henry E Rohlsen

FDC 6/3613 STX IAP HENRY E ROHLSSEN, CHRISTIANSTED, VI. ILS OR LOC RWY 10, AMDT 7B...CIRCLING CAT A MDA 500/HAA 426. TEMP CRANE 142 MSL 1.16 NM EAST OF AIRPORT. 1608291345-1704101344EST.

VIRGINIA

ABINGDON

Virginia Highlands

FDC 7/6240 VJI IAP VIRGINIA HIGHLANDS, ABINGDON, VA. RNAV (GPS) RWY 6, AMDT 1A...LNAV/VNAV DA 2616/HAT 548, VIS 1-7/8 ALL CATS. MISSED APPROACH: CLIMB TO 7000 DIRECT KURRU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000. 1701201206-1709011206EST.

FDC 7/5597 VJI ODP VIRGINIA HIGHLANDS, ABINGDON, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...NOTE: RWY 6, TEMP CRANE 2941 FT FROM DER, 904 FT RIGHT OF CENTERLINE, 125 FT AGL/2260 FT MSL (2016-AEA-4167-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1701181742-1708301742EST.

FDC 7/2623 VJI IAP VIRGINIA HIGHLANDS, ABINGDON, VA. RNAV (GPS) RWY 24, AMDT 1A...LNAV/VNAV DA 2652/HAT 565, VIS 1-7/8 ALL CATS. 1702081945-1709201945EST.

FDC 6/7788 VJI IAP VIRGINIA HIGHLANDS, ABINGDON, VA. VOR/DME-B, AMDT 6...PROCEDURE NA. 1610121426-1705241426EST.

BLACKSBURG

Virginia Tech/Montgomery Executive

FDC 6/4960 BCB IAP VIRGINIA TECH/MONTGOMERY EXECUTIVE, BLACKSBURG, VA. RNAV (GPS) RWY 12, AMDT 2A...DISREGARD NOTE: PROCEDURE NA AT NIGHT FOR CAT C AIRCRAFT. 1611302109-1707122109EST.

FDC 6/4959 BCB IAP VIRGINIA TECH/MONTGOMERY EXECUTIVE, BLACKSBURG, VA. LOC/DME RWY 12, AMDT 1B...DISREGARD NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. 1611302109-1707122109EST.

BLACKSTONE

Allen C Perkinson Blackstone AAF

FDC 7/1010 BKT IAP ALLEN C PERKINSON BLACKSTONE AAF, BLACKSTONE, VA. RNAV (GPS) RWY 22, AMDT 1...CHART TDZE 437, DELETE THRE 437. CHART NOTE: RWY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING NA E OF RWY 4-22. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: CIRCLING NA EAST OF RWY 4-22. THIS IS RNAV (GPS) RWY 22, AMDT 1A. 1702032122-PERM.

FDC 7/1009 BKT IAP ALLEN C PERKINSON BLACKSTONE AAF, BLACKSTONE, VA. RNAV (GPS) RWY 4, AMDT 1...LPV DA CATS A/B/C 745. LNAV/VNAV DA CATS A/B/C 782. LNAV HAT CATS A/B/C 432. CHART TDZE 428, DELETE THRE 400. CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: CIRCLING NA E OF RWY 4-22. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: CIRCLING NA EAST OF RWY 4-22. THIS IS RNAV (GPS) RWY 4, AMDT 1A. 1702032122-PERM.

BLUEMONT

Bluegrass

FDC 6/3702 9VA5 IAP BLUEGRASS, BLUEMONT, VA. COPTER VOR/DME, ORIG...PROCEDURE NA. 1608291507-1704101501EST.

BROOKNEAL

Brookneal/Campbell County

FDC 6/7043 0V4 IAP BROOKNEAL/CAMPBELL COUNTY, BROOKNEAL, VA. RNAV (GPS) RWY 24, AMDT 1...LNAV MDA 1020/HAT 424 ALL CATS. VIS CAT C 1 1/4. 1610111830-1705231830EST.

CHARLOTTESVILLE

Charlottesville-Albemarle

FDC 6/8277 CHO IAP CHARLOTTESVILLE-ALBEMARLE, CHARLOTTESVILLE, VA. ILS OR LOC RWY 3, AMDT 1...JITIV FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED) S-LOC 3 MDA 1000/HAT 360. CIRCLING CAT A MDA 1100/HAA 460. 1610121923-1705241923EST.

FDC 6/7804 CHO IAP CHARLOTTESVILLE-ALBEMARLE, CHARLOTTESVILLE, VA. RNAV (GPS) RWY 3, AMDT 3...RNAV (GPS) Y RWY 21, AMDT 2A...CIRCLING CAT A MDA 1100/HAA 460.. 1610121433-1705241433EST.

FDC 6/7802 CHO IAP CHARLOTTESVILLE-ALBEMARLE, CHARLOTTESVILLE, VA. RNAV (GPS) Z RWY 21, AMDT 1A...LNAV/VNAV DA 1588/HAT 962.. 1610121432-1705241432EST.

CREWE

Crewe Muni

FDC 6/3891 W81 IAP CREWE MUNI, CREWE, VA. RNAV (GPS) RWY 33, ORIG...LNAV MDA NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1612192054-1707312054EST.

DANVILLE

Danville Rgnl

FDC 6/4075 DAN IAP DANVILLE RGNL, DANVILLE, VA. RNAV (GPS) RWY 31, ORIG-A...VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1608301256-1704111255EST.

DUBLIN

New River Valley

FDC 6/6611 PSK IAP NEW RIVER VALLEY, DUBLIN, VA. ILS OR LOC Y RWY 6, ORIG...ILS OR LOC Z RWY 6, AMDT 5...RNAV (GPS) RWY 6, ORIG...NOTE: VGSI NOT COINCIDENT WITH ELECTRONIC GLIDEPATH. 1610111328-1705231328EST.

EMPORIA

Emporia-Greenville Rgnl

FDC 7/6887 EMV IAP EMPORIA-GREENSVILLE RGNL, EMPORIA, VA. LOC RWY 34, AMDT 1A...SIPLE FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, FKN VORTAC OUT OF SERVICE. 1701232218-1709042217EST.

FOREST

New London

FDC 6/6684 W90 IAP NEW LONDON, FOREST, VA. RNAV (GPS) RWY 36, ORIG-A...LNAV MDA 1840/HAT 1009. CIRCLING MDA 1860/HAA 1018. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE DESCENT ANGLE 3.01/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1612061309-1707181309EST.

FDC 6/6681 W90 IAP NEW LONDON, FOREST, VA. RNAV (GPS) RWY 18, ORIG-A...LNAV MDA 1860/HAT 1018 ALL CATS. CIRCLING MDA 1860/HAA 1018 ALL CATS. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE DESCENT ANGLE 3.01/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1612061309-1707181309EST.

FREDERICKSBURG

Shannon

FDC 7/8942 EZF IAP SHANNON, FREDERICKSBURG, VA. RNAV (GPS) RWY 24, ORIG-A...DESCENT ANGLE 3.00/TCH 40 NA. DISREGARD PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1701292329-1709102329EST.

FRONT ROYAL

Front Royal-Warren County

FDC 6/2602 FRR IAP FRONT ROYAL-WARREN COUNTY, FRONT ROYAL, VA. VOR-B, ORIG-B...PROCEDURE NA. 1610041325-1705161325EST.

JONESVILLE

Lee County

FDC 6/3505 OVVG IAP LEE COUNTY, JONESVILLE, VA. RNAV (GPS) RWY 25, AMDT 1...LPV DA 1714/HAT 303 ALL CATS. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610192233-1705312233EST.

LOUISA

Louisa County/Freeman Field

FDC 7/0454 LKU IAP LOUISA COUNTY/FREEMAN FIELD, LOUISA, VA. RNAV (GPS) RWY 9, ORIG...DELETE DESCENT ANGLE 3.00/TCH 40. ADD PROFILE NOTE: VISUAL SEGMENT OBSTACLES. VDP NA. 1701032208-1708152208EST.

LYNCHBURG

Lynchburg Rgnl/Preston Glenn Fld

FDC 6/2467 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. RNAV (GPS) RWY 17, ORIG-A...NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1611031707-1706151707EST.

FDC 6/2465 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. RNAV (GPS) RWY 22, ORIG-A...RNAV (GPS) RWY 35, ORIG-A...VOR/DME RWY 22, AMDT 8C...NOTE: NIGHT LANDING: RWY 17 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1611031705-1706151705EST.

FDC 6/2463 LYH IAP LYNCHBURG RGNL/PRESTON GLENN FLD, LYNCHBURG, VA. ILS OR LOC RWY 4, AMDT 17A...RNAV (GPS) RWY 4, ORIG-A...NOTE: NIGHT LANDING: RWY 17 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. 1611031704-1706151704EST.

MARTINSVILLE

Blue Ridge

FDC 6/7578 MTV IAP BLUE RIDGE, MARTINSVILLE, VA. RNAV (GPS) RWY 12, AMDT 1...LNAV MDA 1440/HAT 499 ALL CATS. CIRCLING CATS A/B/C MDA 1440/HAA 499. CIRCLING CAT D MDA 1540/HAA 599. CHANGE HELICOPTER VISIBILITY NOTE TO READ: RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609071122-1704191122EST.

FDC 6/7577 MTV IAP BLUE RIDGE, MARTINSVILLE, VA. RNAV (GPS) RWY 30, AMDT 2A...RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609071122-1704191122EST.

FDC 6/7575 MTV IAP BLUE RIDGE, MARTINSVILLE, VA. LOC RWY 30, AMDT 1C...HOMGU FIX MINIMUMS: S-30 1420/HAT 495. HOMGU FIX MINIMUMS: CIRCLING CAT C 1440/HAA 499, CIRCLING CAT D 1540/HAA 599. RWY 30 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1609071122-1704191122EST.

MONETA

Smith Mountain Lake

FDC 7/8785 W91 ODP SMITH MOUNTAIN LAKE, MONETA, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE: RWY 5, CLIMB ON HEADING 054 DEGREES TO 2500 BEFORE PROCEEDING ON COURSE. DEPARTURE PROCEDURE: RWY 23, CLIMB ON HEADING 234 DEGREES TO 1800 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701291603-1709101603EST.

NEW MARKET

New Market

FDC 7/2186 8W2 IAP NEW MARKET, NEW MARKET, VA. RNAV (GPS)-B, ORIG...DELETE DESCENT ANGLE 3.77/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1702072306-1709192305EST.

NEWPORT NEWS

Newport News/Williamsburg Intl

FDC 6/7792 PHF IAP NEWPORT NEWS/WILLIAMSBURG INTL, NEWPORT NEWS, VA. RNAV (GPS) RWY 2, AMDT 1A...LPV DA 300/HAT 262 ALL CATS. TEMP CRANE 184 MSL 1997 FT NW OF RWY 2. 1610121427-1705241427EST.

FDC 6/3861 PHF IAP NEWPORT NEWS/WILLIAMSBURG INTL, NEWPORT NEWS, VA. ILS OR LOC RWY 25, AMDT 1C...ILS OR LOC RWY 7, AMDT 33A...RNAV (GPS) RWY 2, AMDT 1A...RNAV (GPS) RWY 25, AMDT 2B...DISREGARD NOTE: WHEN VGSI INOP CIRCLING TO RWY 20 NA AT NIGHT. 1612191907-1707311907EST.

NORFOLK

Chesapeake Rgnl

FDC 6/9024 CPK IAP CHESAPEAKE RGNL, NORFOLK, VA. VOR/DME RWY 23, AMDT 1A...S-23 NA. 1610131411-1705251411EST.

Norfolk Intl

FDC 7/5487 ORF STAR NORFOLK, VIRGINIA DRONE ONE ARRIVAL DME OR GPS REQUIRED 1701181800-PERM.

FDC 6/7371 ORF IAP NORFOLK INTL, NORFOLK, VA. ILS OR LOC RWY 23, AMDT 7A...ILS OR LOC RWY 5, AMDT 26B...RNAV (GPS) RWY 14, ORIG-E...RNAV (GPS) Z RWY 23, AMDT 1A...VOR/DME RWY 14, AMDT 2F...CIRCLING MDA 600/HAA 573 ALL CATS. TEMP CRANE 241 MSL 2710 FT SE OF RWY 5 (2016-AEA-1940-OE). 1609231555-1705051555EST.

FDC 6/7370 ORF IAP NORFOLK INTL, NORFOLK, VA. VOR/DME RWY 32, AMDT 4E...S-32 MDA 560/HAT 535 ALL CATS. CIRCLING MDA 600/HAA 573 ALL CATS. TEMP CRANE 241 MSL 2710 FT SE OF RWY 5 (2016-AEA-1940-OE). 1609231555-1705051555EST.

FDC 6/7369 ORF IAP NORFOLK INTL, NORFOLK, VA. RNAV (GPS) Z RWY 5, AMDT 1B...LNAV/VNAV DA 452/HAT 426, VIS RVR 5000 ALL CATS. LNAV MDA 560/HAT 534 ALL CATS. VIS CATS C/D RVR 5500. CIRCLING MDA 600/HAA 573 ALL CATS. VDP NA. TEMP CRANE 241 MSL 2710 FT SE OF RWY 5 (2016-AEA-1940-OE). 1609231555-1705051555EST.

FDC 6/7368 ORF IAP NORFOLK INTL, NORFOLK, VA. RNAV (GPS) RWY 32, ORIG-D...LNAV MDA 560/HAT 535 ALL CATS. CIRCLING MDA 600/HAA 573 ALL CATS. VDP NA. TEMP CRANE 241 MSL 2710 FT SE OF RWY 5 (2016-AEA-1940-OE). 1609231555-1705051555EST.

FDC 6/7367 ORF IAP NORFOLK INTL, NORFOLK, VA. RNAV (RNP) Y RWY 5, ORIG-B...RNP 0.30 DA 486/HAT 460, VIS RVR 6000 ALL CATS. TEMP CRANE 165 MSL 4820 FT S OF RWY 5 (2016-AEA-3964-OE). TEMP CRANE 241 MSL 2710 FT SE OF RWY 5 (2016-AEA-1940-OE). 1609231555-1705051555EST.

FDC 6/0465 ORF SID NORFOLK INTL, NORFOLK, VA. KISRR THREE DEPARTURE...TAKEOFF OBSTACLE NOTES: RWY 5: TEMP CRANE 3073 FT FROM DER, 621 FT LEFT OF CENTERLINE, 120 FT AGL/125 FT MSL (2015-AEA-5278-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610141548-1705261548EST.

FDC 6/0463 ORF ODP NORFOLK INTL, NORFOLK, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTE: RWY 5, TEMP CRANE 3073 FT FROM DER, 621 FT LEFT OF CENTERLINE, 120 FT AGL/125 FT MSL (2015-AEA-5278-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610141548-1705261548EST.

PETERSBURG

Dinwiddie County

FDC 7/8940 PTB IAP DINWIDDIE COUNTY, PETERSBURG, VA. RNAV (GPS) RWY 23, AMDT 1B...RNAV (GPS) RWY 5, AMDT 1B...VOR RWY 23, AMDT 6B...NOTE: CIRCLING TO RWY 14, 32 NA. DISREGARD NOTE: CIRCLING TO RWY 14/32 NA AT NIGHT. 1701292240-1709102240EST.

FDC 7/8938 PTB IAP DINWIDDIE COUNTY, PETERSBURG, VA. LOC RWY 5, ORIG-B...NOTE: CIRCLING TO RWY 14, 32 NA. DISREGARD NOTE: NIGHT LANDING: RWY 14, 32 NA. 1701292238-1709102238EST.

FDC 7/1647 PTB IAP DINWIDDIE COUNTY, PETERSBURG, VA. VOR RWY 23, AMDT 6B...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 7/1645 PTB IAP DINWIDDIE COUNTY, PETERSBURG, VA. LOC RWY 5, ORIG-B...MISSED APPROACH: CLIMBING RIGHT TURN TO 2000 DIRECT HPW VORTAC AND HOLD, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

QUINTON

New Kent County

FDC 7/1641 W96 IAP NEW KENT COUNTY, QUINTON, VA. VOR-A, AMDT 2...DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 6/6602 W96 IAP NEW KENT COUNTY, QUINTON, VA. RNAV (GPS) RWY 11, AMDT 2A...PROCEDURE NA. 1610111318-1705231318EST.

FDC 6/6246 W96 IAP NEW KENT COUNTY, QUINTON, VA. RNAV (GPS) RWY 29, AMDT 2A...LNAV MDA 580/HAT 460 ALL CATS. NOTE: CIRCLING RWY 11 NA AT NIGHT. NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1611101726-1706221726EST.

RICHMOND

Richmond Executive-Chesterfield County

FDC 7/1646 FCI IAP RICHMOND EXECUTIVE-CHESTERFIELD COUNTY, RICHMOND, VA. ILS OR LOC RWY 33, AMDT 2D...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 130 AND HPW VORTAC R-276 TO PUBBS INT/I-CFU 6.48DME/RADAR AND HOLD, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

Richmond Intl

FDC 7/1648 RIC SID RICHMOND INTL, RICHMOND, VA. COLIN SIX DEPARTURE...READE FOUR DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 7/1644 RIC IAP RICHMOND INTL, RICHMOND, VA. ILS OR LOC RWY 2, AMDT 2A...MISSED APPROACH: CLIMB TO 660 THEN CLIMBING RIGHT TURN TO 2000 ON HPW VORTAC R-335 TO HPW VORTAC AND HOLD, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 7/1643 RIC IAP RICHMOND INTL, RICHMOND, VA. ILS OR LOC RWY 34, AMDT 14A...ILS RWY 34 (SA CAT I), AMDT 14A...ILS RWY 34 (CAT II AND III), AMDT 14A...MISSED APPROACH: CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT HPW VORTAC AND HOLD, RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 6/4939 RIC IAP RICHMOND INTL, RICHMOND, VA. RNAV (RNP) Y RWY 34, ORIG-B...RNP 0.11 DA 478/HAT 317 ALL CATS. 1610211825-1706021825EST.

FDC 6/4938 RIC IAP RICHMOND INTL, RICHMOND, VA. RNAV (RNP) Y RWY 2, ORIG-A...RNP 0.11 DA 507/HAT 345 ALL CATS. 1610211825-1706021825EST.

FDC 6/4936 RIC IAP RICHMOND INTL, RICHMOND, VA. RNAV (GPS) Z RWY 20, AMDT 2B...LPV DA 464/HAT 297 ALL CATS, VIS 1 ALL CATS. 1610211825-1706021825EST.

FDC 6/4932 RIC SID RICHMOND INTL, RICHMOND, VA. KALLI THREE DEPARTURE (RNAV).LUCYL THREE DEPARTURE (RNAV).READE FOUR DEPARTURE.TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, NAVAID 40 FT FROM DEP END OF RWY, 114 FT LEFT OF CENTERLINE, 168 FT MSL. NAVAID 40 FT FROM DEP END OF RWY, 115 FT RIGHT OF CENTERLINE, 168 FT MSL. TREE 2339 FT FROM DEP END OF RWY, 335 FT LEFT OF CENTERLINE, 224 FT MSL. TREE 2377 FT FROM DEP END OF RWY, 316 FT LEFT OF CENTERLINE, 235 FT MSL. TREES, BEGINNING 2454 FT FROM DEP END OF RWY, 200 FT LEFT OF CENTERLINE, UP TO 241 FT MSL. TREE 2469 FT FROM DEP END OF RWY, 815 FT RIGHT OF CENTERLINE, 228 FT MSL. TREE 2540 FT FROM DEP END OF RWY, 994 FT RIGHT OF CENTERLINE, 241 FT MSL. TREES, BEGINNING 2628 FT FROM DEP END OF RWY, 5 FT RIGHT OF CENTERLINE, UP TO 252 FT MSL. TREES, BEGINNING 2645 FT FROM DEP END OF RWY, 289 FT LEFT OF CENTERLINE, UP TO 246 FT MSL. TREES, BEGINNING 2751 FT FROM DEP END OF RWY, 1 FT LEFT OF CENTERLINE, UP TO 248 FT MSL. TREES, BEGINNING 2917 FT FROM DEP END OF RWY, 21 FT RIGHT OF CENTERLINE, UP TO 258 FT MSL. TREES, BEGINNING 3127 FT FROM DEP END OF RWY, 357 FT RIGHT OF CENTERLINE, UP TO 263 FT MSL. TREES, BEGINNING 3387 FT FROM DEP END OF RWY, 504 FT RIGHT OF CENTERLINE, UP TO 274 FT MSL. COMMUNICATION TWR 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 159 FT 322 FT MSL. TOWER 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 321 FT MSL. NOTE: RWY 7, RWY LT 9 FT FROM DEP END OF RWY, 30 FT RIGHT OF CENTERLINE, 2 FT AGL/161 FT MSL. RWY LT 9 FT FROM DEP END OF RWY, 29 FT LEFT OF CENTERLINE, 2 FT AGL/161 FT MSL. TREE 1261 FT FROM DEP END OF RWY, 703 FT RIGHT OF CENTERLINE, 227 FT MSL. TREE 1279 FT FROM DEP END OF RWY, 791 FT LEFT OF CENTERLINE, 200 FT MSL. TREES BEGINNING 1351 FT FROM DEP END OF RWY, 273 FT RIGHT OF CENTERLINE, UP TO 241 FT MSL. TREE 1430 FT FROM DEP END OF RWY, 795 FT LEFT OF CENTERLINE, 224 FT MSL. TREES, BEGINNING 1718 FT FROM DEP END OF RWY, 10 FT LEFT OF CENTERLINE, UP TO 233 FT MSL. TREE

FDC 6/4931 RIC SID RICHMOND INTL, RICHMOND, VA. COLIN SIX DEPARTURE.TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, NAVAID 40 FT FROM DEP END OF RWY, 114 FT LEFT OF CENTERLINE, 168 FT MSL. NAVAID 40 FT FROM DEP END OF RWY, 115 FT RIGHT OF CENTERLINE, 168 FT MSL. TREE 2339 FT FROM DEP END OF RWY, 335 FT LEFT OF CENTERLINE, 224 FT MSL. TREE 2377 FT FROM DEP END OF RWY, 316 FT LEFT OF CENTERLINE, 235 FT MSL. TREES, BEGINNING 2454 FT FROM DEP END OF RWY, 200 FT LEFT OF CENTERLINE, UP TO 241 FT MSL. TREE 2469 FT FROM DEP END OF RWY, 815 FT RIGHT OF CENTERLINE, 228 FT MSL. TREE 2540 FT FROM DEP END OF RWY, 994 FT RIGHT OF CENTERLINE, 241 FT MSL. TREES, BEGINNING 2628 FT FROM DEP END OF RWY, 5 FT RIGHT OF CENTERLINE, UP TO 252 FT MSL. TREES, BEGINNING 2645 FT FROM DEP END OF RWY, 289 FT LEFT OF CENTERLINE, UP TO 246 FT MSL. TREES, BEGINNING 2751 FT FROM DEP END OF RWY, 1 FT LEFT OF CENTERLINE, UP TO 248 FT MSL. TREES, BEGINNING 2917 FT FROM DEP END OF RWY, 21 FT RIGHT OF CENTERLINE, UP TO 258 FT MSL. TREES, BEGINNING 3127 FT FROM DEP END OF RWY, 357 FT RIGHT OF CENTERLINE, UP TO 263 FT MSL. TREES, BEGINNING 3387 FT FROM DEP END OF RWY, 504 FT RIGHT OF CENTERLINE, UP TO 274 FT MSL. COMMUNICATION TWR 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 159 FT 322 FT MSL. TOWER 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 321 FT MSL. NOTE: RWY 16, RWY LT 2 FT FROM DEP END OF RWY, 80 FT RIGHT OF CENTERLINE, 161 FT MSL. RWY LT 3 FT FROM DEP END OF RWY, 80 FT LEFT OF CENTERLINE, 161 FT MSL. TREE 1664 FT FROM DEP END OF RWY, 924 FT RIGHT OF CENTERLINE, 209 FT MSL. TREE 2874 FT FROM DEP END OF RWY, 1217 FT LEFT OF CENTERLINE, 241 FT MSL. NOTE: RWY 20, RWY LT 4 FT FROM DEP END OF RWY, 4 FT RIGHT OF CENTERLINE, 160 FT MSL. RWY LT 4 FT FROM DEP END OF RWY, 5 FT LEFT OF CENTERLINE, 160 FT MSL. BLDG BEGINNING 817 FT FROM DEP END OF RWY, 654 FT RIGHT OF CENTERLINE, UP TO 212 FT MSL. TREES BEGINNING 1988 FT FROM DEP END OF RWY, 723 FT RIGHT OF CENTERLINE, UP TO 255 FT MSL

FDC 6/4930 RIC ODP RICHMOND INTL, RICHMOND, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2.TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, NAVAID 40 FT FROM DEP END OF RWY, 114 FT LEFT OF CENTERLINE, 168 FT MSL. NAVAID 40 FT FROM DEP END OF RWY, 115 FT RIGHT OF CENTERLINE, 168 FT MSL. TREE 2339 FT FROM DEP END OF RWY, 335 FT LEFT OF CENTERLINE, 224 FT MSL. TREE 2377 FT FROM DEP END OF RWY, 316 FT LEFT OF CENTERLINE, 235 FT MSL. TREES, BEGINNING 2454 FT FROM DEP END OF RWY, 200 FT LEFT OF CENTERLINE, UP TO 241 FT MSL. TREE 2469 FT FROM DEP END OF RWY, 815 FT RIGHT OF CENTERLINE, 228 FT MSL. TREE 2540 FT FROM DEP END OF RWY, 994 FT RIGHT OF CENTERLINE, 241 FT MSL. TREES, BEGINNING 2628 FT FROM DEP END OF RWY, 5 FT RIGHT OF CENTERLINE, UP TO 252 FT MSL. TREES, BEGINNING 2645 FT FROM DEP END OF RWY, 289 FT LEFT OF CENTERLINE, UP TO 246 FT MSL. TREES, BEGINNING 2751 FT FROM DEP END OF RWY, 1 FT LEFT OF CENTERLINE, UP TO 248 FT MSL. TREES, BEGINNING 2917 FT FROM DEP END OF RWY, 21 FT RIGHT OF CENTERLINE, UP TO 258 FT MSL. TREES, BEGINNING 3127 FT FROM DEP END OF RWY, 357 FT RIGHT OF CENTERLINE, UP TO 263 FT MSL. TREES, BEGINNING 3387 FT FROM DEP END OF RWY, 504 FT RIGHT OF CENTERLINE, UP TO 274 FT MSL. COMMUNICATION TWR 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 159 FT 322 FT MSL. TOWER 5423 FT FROM DEP END OF RWY, 1709 FT LEFT OF CENTERLINE, 321 FT MSL. NOTE: RWY 7, RWY LT 9 FT FROM DEP END OF RWY, 30 FT RIGHT OF CENTERLINE, 2 FT AGL/161 FT MSL. RWY LT 9 FT FROM DEP END OF RWY, 29 FT LEFT OF CENTERLINE, 2 FT AGL/161 FT MSL. TREE 1261 FT FROM DEP END OF RWY, 703 FT RIGHT OF CENTERLINE, 227 FT MSL. TREE 1279 FT FROM DEP END OF RWY, 791 FT LEFT OF CENTERLINE, 200 FT MSL. TREES BEGINNING 1351 FT FROM DEP END OF RWY, 273 FT RIGHT OF CENTERLINE, UP TO 241 FT MSL. TREE 1430 FT FROM DEP END OF RWY, 795 FT LEFT OF CENTERLINE, 224 FT MSL. TREES, BEGINNING 1718 FT FROM DEP END OF RWY, 10 FT LEFT OF CENTERLINE, UP TO 233 FT MSL. TREES, BEGINNING 2126 F

RICHMOND/ASHLAND

Hanover County Muni

FDC 7/4047 OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. VOR RWY 16, AMDT 2D...BICAT FIX MINIMUMS MDA 800/HAT 595 ALL CATS.. 1701130003-1708250003EST.

FDC 7/1642 OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. LOC RWY 16, AMDT 3D...MISSED APPROACH: CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 360 AND FAK R-059 TO BEUGA/FAK 34.76 DME AND HOLD SW, RT, 059.08 INBOUND (DME REQUIRED), RIC VOR OUT OF SERVICE. 1702071430-1704011430EST.

FDC 6/1636 OFP IAP HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. RNAV (GPS) RWY 16, ORIG-D...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1611202352-1707022352EST.

ROANOKE

Roanoke-Blacksburg Rgnl/Woodrum Field

FDC 7/7773 ROA IAP ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD, ROANOKE, VA. RNAV (GPS) RWY 24, AMDT 1B...CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE PROFILE NOTE: DESCENT ANGLE NA. THIS IS RNAV (GPS) RWY 24, AMDT 1C. 1701251812-PERM.

FDC 6/1462 ROA SID ROANOKE-BLACKSBURG RGNL/WOODRUM FIELD, ROANOKE, VA. SCUTA TWO DEPARTURE (RNAV)...TOP ALTITUDE 5000. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202011-1707022011EST.

SUFFOLK

Suffolk Executive

FDC 7/4282 SFQ IAP SUFFOLK EXECUTIVE, SUFFOLK, VA. LOC RWY 4, AMDT 4A...RNAV (GPS) RWY 22, AMDT 1A...RNAV (GPS) RWY 25, AMDT 1A...RNAV (GPS) RWY 4, AMDT 3A...RNAV (GPS) RWY 7, AMDT 1B...DISREGARD NOTE: NIGHT LANDING: RWY 25 NA.. 1701132116-1708252116EST.

FDC 6/1661 SFQ IAP SUFFOLK EXECUTIVE, SUFFOLK, VA. RNAV (GPS) RWY 25, AMDT 1A...VDA 3.00/TCH 40 NA. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1609141751-1704261749EST.

TANGIER

Tangier Island

FDC 7/8352 TGI IAP TANGIER ISLAND, TANGIER, VA. VOR/DME-A, ORIG...PROCEDURE NA. 1701262154-1709072153EST.

WAKEFIELD

Wakefield Muni

FDC 6/1695 AKQ ODP WAKEFIELD MUNI, WAKEFIELD, VA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG.NOTE: RWY 02: TREES BEGINNING 54 FT FROM DER, 83 FT RIGHT OF CENTERLINE, UP TO 183 FT MSL. TREES BEGINNING 412 FT FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 188 FT MSL. VEHICLE 582 FT FROM DER, 39 FT LEFT OF CENTERLINE, 129 FT MSL. TREES BEGINNING 771 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 169 FT MSL. NOTE: RWY 20: POLE BEGINNING 16 FT FROM DER, 352 FT LEFT OF CENTERLINE, UP TO 140 FT MSL. TREES 67 FT FROM DER, 390 FT RIGHT OF CENTERLINE, 170 FT MSL. BLDG 82 FT FROM DER, 281 FT RIGHT OF CENTERLINE, 140 FT MSL. TREES, BEGINNING 119 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 134 FT MSL. POLE BEGINNING 140 FT FROM DER, 320 FT LEFT OF CENTERLINE, UP TO 144 FT MSL. TREES BEGINNING 256 FT FROM DER, 72 FT LEFT OF CENTERLINE, UP TO 175 FT MSL. POLE 1138 FT FROM DER, 419 FT LEFT OF CENTERLINE, 148 FT MSL. TREES BEGINNING 1265 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 193 FT MSL. TREES 1344 FT FROM DER, 416 LEFT OF CENTERLINE, 206 FT MSL. UTILITY LINE 2114 FT FROM DER, 530 FT RIGHT OF CENTERLINE, 175 FT MSL. TREES BEGINNING 2088 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 189 FT MSL. TRMSN TWR 2419 FT FROM DER, 43 FT LEFT OF CENTERLINE, 169 FT MSL. TREES BEGINNING 2388 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 196 FT ALL OTHER DATA REMAINS AS PUBLISHED. MSL. ALL OTHER DATA REMAINS AS PUBLISHED.
1611021921-1706141921EST

WILLIAMSBURG

Camp Peary Lndg Strip

FDC 6/6549 W94 IAP U.S. DOD CAMP PEARY LNDG STRIP, WILLIAMSBURG, VA. RNAV (GPS) RWY 5, ORIG-A...VDA 3.04 TCH 45 NA.
1610111201-1705231201EST.

WINCHESTER

Winchester Rgnl

FDC 7/1710 OKV IAP WINCHESTER RGNL, WINCHESTER, VA. ILS OR LOC RWY 32, AMDT 2...RNAV (GPS) RWY 32, ORIG...VOR/DME-A, AMDT 5...CIRCLING CATS A/B/C MDA 1280/HAA 554. TEMP CRANE 920 MSL 5495 FT N OF RWY 14 (2016-AEA-9155-OE). 1702081100-1709191630EST.

FDC 7/1709 OKV IAP WINCHESTER RGNL, WINCHESTER, VA. RNAV (GPS) RWY 14, AMDT 1...LNAV/VNAV DA 1131/HAT 405, VIS 1 3/8 ALL CATS. LNAV MDA 1220/HAT 494 ALL CATS. VIS CATS C/D 1 3/8. CIRCLING CATS A/B MDA 1280/HAA 554. VDP NA. TEMP CRANE 920 MSL 5495 FT N OF RWY 14 (2016-AEA-9155-OE). 1702081100-1709191630EST.

WASHINGTON

ARLINGTON

Arlington Muni

FDC 7/2683 AWO ODP ARLINGTON MUNI, ARLINGTON, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...DEPARTURE PROCEDURE: NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, WATON (AW) LOM OUT OF SERVICE. 1702082101-1703082101EST.

FDC 7/2682 AWO IAP ARLINGTON MUNI, ARLINGTON, WA. LOC RWY 34, AMDT 5A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, WATON (AW) LOM OUT OF SERVICE. 1702082101-1703082101EST.

AUBURN

Auburn Muni

FDC 6/5484 S50 ODP AUBURN MUNI, AUBURN, WA. BLAKO ONE DEPARTURE (RNAV)...ADD TAKEOFF OBSTACLE NOTE: RWY 16, CRANE 1105FT FROM DER, 584FT RIGHT OF CENTERLINE, 110FT AGL/182FT MSL (2016-ANM-3464-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1612021400-1704071400EST.

FDC 6/5482 S50 ODP AUBURN MUNI, AUBURN, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...ADD NOTE: RWY 16, CRANE 1105FT FROM DER, 584FT RIGHT OF CENTERLINE, 110FT AGL/182FT MSL (2016-ANM-3464-OE). ALL OTHER DATA REMAINS AS PUBLISHED.
1612021400-1704071400EST.

COUPEVILLE

Whidbey General Hospital

FDC 5/1139 01WN SPECIAL WHIDBEY GENERAL HOSPITAL, COUPEVILLE, WA. COPTER RNAV (GPS) 023, ORIG...MDA 680/ HAS 505.
1508281505-1602241505EST.

EASTSOUND

Orcas Island

FDC 7/4511 ORS SID ORCAS ISLAND, EASTSOUND, WA. FEGBA ONE DEPARTURE (RNAV)...CHANGE TAKEOFF MINIMUMS TO READ: TAKEOFF MINIMUMS: RWY 16, 400-1 WITH MINIMUM CLIMB OF 500 FT PER NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 901 FT PER NM TO 600
1701141934-1708261934EST.

EVERETT

Snohomish County (Paine Fld)

FDC 6/0471 PAE IAP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. VOR/DME RWY 16R, ORIG-A...PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {3.00}/TCH {74}). 1609291436-1705111436EST.

LOPEZ ISLAND

Lopez Medical Clinic

FDC 5/0404 03WT SPECIAL LOPEZ MEDICAL CLINIC, LOPEZ ISLAND, WA. COPTER RNAV (GPS) 025, ORIG...MDA 520/ HAS 500.. 1508271411-1602231411EST.

NEAH BAY

Us Coast Guard Station Neah Bay

FDC 5/0395 EBY SPECIAL US COAST GUARD STATION NEAH BAY, NEAH BAY, WA. COPTER RNAV (GPS) 229, ORIG...MDA 600/ HAS 440. 1508271406-1602231406EST.

OLYMPIA

Olympia Rgnl

FDC 7/3984 OLM ODP OLYMPIA RGNL, OLYMPIA, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5A...TAKE-OFF MINIMUMS RWY 17: 300-2 OR STANDARD WITH MINIMUM CLIMB OF 706 FT PER NM TO 600, OR 2600-3 VCOA. DEPARTURE PROCEDURE: RWY 17: CLIMB HEADING 172 TO 1200 THEN CLIMBING RIGHT TURN DIRECT OLM VORTAC, THENCE...OR CLIMB IN VISUAL CONDITIONS TO CROSS OLM VORTAC AT OR ABOVE 2500, THENCE....ALL OTHER DATA REMAINS AS PUBLISHED. 1701122301-1708242301EST.

PASCO

Tri-Cities

FDC 6/8242 PSC ODP TRI-CITIES, PASCO, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8...TAKEOFF MINIMUMS: RWY 12, STANDARD WITH A MINIMUM CLIMB OF 225FT PER NM TO 1100. ADD NOTE: RWY 12, TEMPORARY CRANE 3.09NM FROM DER, 3146FT RIGHT OF CENTERLINE, 518FT AGL/ 878FT MSL (2014-ANM-379-OE, 4D AC). ALL OTHER DATA REMAINS AS PUBLISHED. 1609261922-1705081922EST.

PORT TOWNSEND

Jefferson General Hospital

FDC 5/4043 7WA2 IAP JEFFERSON GENERAL HOSPITAL, PORT TOWNSEND, WA. COPTER RNAV (GPS) 252, ORIG...MDA 740/ HAS 498.. 1509021712-1602291712EST.

RENTON

Renton Muni

FDC 6/7176 RNT SID RENTON MUNI, RENTON, WA. BELLEVUE THREE DEPARTURE.TAKE-OFF MINIMUMS RWY 34 STANDARD WITH MINIMUM CLIMB OF 327 FT PER NM TO 800. NOTE: RWY 34, BRDG 3 FT FROM DER, 194 FT RIGHT OF CENTERLINE, 9 FT AGL/28 FT MSL. BRDG 3 FT FROM DER, 242 FT RIGHT OF CENTERLINE, 10 FT AGL/29 FT MSL. RWY LT 7 FT FROM DER, 80 FT LEFT OF CENTERLINE, 2 FT AGL/25 FT MSL. FENCE 18 FT FROM DER, 329 FT LEFT OF CENTERLINE, 8 FT AGL/29 FT MSL. TREE 1.5 NM FROM DER, 1726 FT LEFT OF CENTERLINE, 274 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 1581 FT LEFT OF CENTERLINE, UP TO 276 FT MSL. TREE 1.5 NM FROM DER, 1424 FT LEFT OF CENTERLINE, 330 FT MSL. TREE 1.6 NM FROM DER, 1653 FT LEFT OF CENTERLINE, 347 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 1297 FT LEFT OF CENTERLINE, UP TO 358 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 1345 FT LEFT OF CENTERLINE, UP TO 375 FT MSL. TREE, BLDG BEGINNING 1.6 NM FROM DER, 1514 FT LEFT OF CENTERLINE, UP TO 398 FT MSL. TREE, TERRAIN BEGINNING 1.7 NM FROM DER, 1345 FT LEFT OF CENTERLINE, UP TO 412 FT MSL. TREE, TERRAIN BEGINNING 1.7 NM FROM DER, 344 FT LEFT OF CENTERLINE, UP TO 453 FT MSL. TREE, TERRAIN BEGINNING 1.8 NM FROM DER, 1283 FT LEFT OF CENTERLINE, UP TO 457 FT MSL. TREE, TERRAIN BEGINNING 1.8 NM FROM DER, 114 FT LEFT OF ALL OTHER DATA REMAINS AS PUBLISHED. FDC 6/7176 RNT SID RENTON MUNI, RENTON, WA. CENTERLINE, UP TO 471 FT MSL. TREE, TERRAIN BEGINNING 1.9 NM FROM DER, 367 FT LEFT OF CENTERLINE, UP TO 476 FT MSL. TREE, TERRAIN BEGINNING 1.9 NM FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 485 FT MSL. TREE, TERRAIN, BLDG BEGINNING 1.9 NM FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 458 FT MSL. TREE, TERRAIN, BLDG, TOWER, COMMUNICATION TW BEGINNING 1.9 NM FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 514 FT MSL. TREE, TERRAIN BEGINNING 2 NM FROM DER, 30 FT RIGHT OF CENTERLINE, UP TO 512 FT MSL. TREE 2.5 NM FROM DER, 138 FT LEFT OF CENTERLINE, 491 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609061155-1704181155EST

FDC 6/7175 RNT ODP RENTON MUNI, RENTON, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 8. DEPARTURE PROCEDURE. TAKE-OFF MINIMUMS RWY 34 STANDARD WITH MINIMUM CLIMB OF 327 FT PER NM TO 2700. NOTE: RWY 16 BLDG, SECONDARY RD, WALL, GEN UTIL, POLE, RD BEGINNING 7 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/59 FT MSL. SIGN, SECONDARY RD, WALL BEGINNING 40 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/49 FT MSL. POLE, SECONDARY RD, BEGINNING 181 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/73 FT MSL. POLE, TREE, SIGN, BLDG BEGINNING 263 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/75 FT MSL. POLE, RD, BLDG, BUSH, TREE BEGINNING 286 FT FROM DER, 11 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/71 FT MSL. TREE, POLE BEGINNING 585 FT FROM DER, 38 FT RIGHT OF CENTERLINE, UP TO 101 FT MSL. TREE, BLDG BEGINNING 716 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 106 FT MSL. TREE 941 FT FROM DER, 383 FT RIGHT OF CENTERLINE, 120 FT MSL. TREES BEGINNING 997 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 146 FT MSL. TREES BEGINNING 1625 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 82 FT MSL. TREES BEGINNING 1637 FT FROM DER, 71 FT LEFT OF CENTERLINE, UP TO 119 FT MSL. TREES BEGINNING 1720 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 120 FT MSL. TREES BEGINNING 6037 FT FROM DER, 1696 FT LEFT OF CENTERLINE, UP TO 234 FT MSL. TREE, TERRAIN BEGINNING 1 NM FROM DER, 1436 FT LEFT OF CENTERLINE, UP TO 261 FT MSL. TRMSN TWR, BLDG, TERRAIN, TREE BEGINNING 1.1 NM FROM DER, 1393 FT LEFT OF CENTERLINE, UP TO 133 FT AGL/356 FT MSL. TRMSN TWR, TREE, TERRAIN, POLE BEGINNING 1.2 NM FROM DER, 1476 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/369 FT MSL. TREE, TERRAIN BEGINNING 1.2 NM FROM DER, 1241 FT LEFT OF CENTERLINE, UP TO 405 FT MSL. TREE, TERRAIN, POLE BEGINNING 1.3 NM FROM DER, 1230 FT LEFT OF CENTERLINE, UP TO 429 FT MSL. TREE, T-L TWR, TERRAIN BEGINNING 1.3 NM FROM DER, 1106 FT LEFT OF CENTERLINE, UP TO 431 FT MSL. T-L TWR 1.4 NM FROM DER, 25

RICHLAND

Richland

FDC 6/1185 RLD IAP RICHLAND, RICHLAND, WA. RNAV (GPS) Z RWY 19, AMDT 1...LNAV/VNAV DA 715/ HAT 325 ALL CATS, VISIBILITY ALL CATS 1. CHANGE INOP NOTES TO READ: FOR INOPERATIVE MALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND INCREASE LNAV CAT D VISIBILITY TO 1 3/8 MILE. FOR INOPERATIVE MALS WHEN USING PASCO ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND INCREASE LNAV CATS C AND D VISIBILITY TO 1 1/2 MILE. TEMPORARY CRANE 502 MSL 1912FT EAST OF RWY 19 (2016-ANM-1470-OE). 1609301441-1705121441EST.

FDC 6/1184 RLD IAP RICHLAND, RICHLAND, WA. RNAV (GPS) RWY 26, AMDT 2A...LNAV/VNAV DA 715/ HAT 326 ALL CATS, VISIBILITY CATS A/B 1. LNAV MDA 820/ HAT 431, VISIBILITY CATS C/D 1 1/4. TEMPORARY CRANE 502 MSL 1200FT NORTHEAST OF RWY 26 (2016-ANM-1470-OE). 1609301441-1705121441EST.

FDC 5/8333 RLD IAP RICHLAND, RICHLAND, WA. RNAV (GPS) RWY 26, AMDT 2...CHART NOTE: NIGHT LANDING: RWY 26 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. 1511271249-1605251249EST.

SEATTLE

Boeing Field/King County Intl

FDC 6/1516 BFI IAP BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. RNAV (RNP) Z RWY 13R, ORIG-C...RNP 0.15 DA 657/HAT 639, VIS 1 7/8 ALL CATS. RNP 0.30 DA 754/HAT 736, VIS 2 1/2 ALL CATS. FOR INOPERATIVE MALS, INCREASE RNP 0.15 VISIBILITY TO 2 1/2. INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.30. 1611202039-1707022039EST.

FDC 5/9254 BFI IAP BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. RNAV (RNP) Z RWY 13R, ORIG-C...RNP 0.15 DA 657/HAT 639, VIS 1 7/8 ALL CATS. RNP 0.30 DA 754/HAT 736, VIS 2 1/2 ALL CATS. FOR INOPERATIVE MALS, INCREASE RNP 0.15 VISIBILITY TO 2 1/2. INOPERATIVE TABLE DOES NOT APPLY TO RNP 0.30. 1508261418-1602221418EST.

Seattle-Tacoma Intl

FDC 7/1433 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. ILS RWY 16C (CAT II AND III), AMDT 16...S-ILS 16C RVR 06. 1702061809-1703011808EST.

FDC 6/7423 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. RNAV (RNP) Z RWY 34R, AMDT 1...RNP 0.28 DA 892/ HAT 520 ALL CATS, VISIBILITY ALL CATS 1 3/8. RNP 0.30 DA 896/ HAT 524 ALL CATS, VISIBILITY ALL CATS 1 1/2. CHANGE INOP NOTE TO READ: FOR INOPERATIVE MALS, INCREASE RNP 0.28 ALL CATS VISIBILITY TO 1 7/8 MILE AND RNP 0.30 ALL CATS VISIBILITY TO 2 MILES. TEMPORARY CRANES UP TO 582 MSL BEGINNING 1.28 NM SOUTH OF RWY 34R (2016-ANM-1252-OE). 1610121237-1705241237EST.

FDC 6/7421 SEA ODP SEATTLE-TACOMA INTL, SEATTLE, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 16L, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 244FT PER NM TO 700. ADD NOTE: RWY 16L, TEMPORARY CRANES BEGINNING 1.27NM FROM DER, 612FT LEFT OF CENTERLINE, UP TO 250FT AGL/ 582FT MSL (2016-ANM-1252-OE). ALL OTHER DATA REMAINS AS PUBLISHED. 1610121237-1705241237EST.

FDC 6/7420 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. ILS OR LOC RWY 34R, AMDT 2C...S-LOC 34R MDA 840/ HAT 468 ALL CATS, VISIBILITY CATS A/B RVR 4000, CATS C/D RVR 5000. SIDESTEP 34C MDA 840/ HAT 453 ALL CATS. VDP AT I-SEA 1.59 DME; DISTANCE VDP TO THLD 1.40 MILES. TEMPORARY CRANES UP TO 582 MSL BEGINNING 1.28 NM SOUTH OF RWY 34R (2016-ANM-1252-OE). 1610121237-1705241237EST.

FDC 6/3871 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. BAY VISUAL RWY 16 R/C/L, AMDT 5.HUSKY VISUAL RWY 16 R/C/L, AMDT 5.ILS OR LOC RWY 16C, AMDT 16.ILS OR LOC RWY 16L, AMDT 7.ILS OR LOC RWY 16R, AMDT 4.ILS OR LOC RWY 34C, AMDT 3C.ILS OR LOC RWY 34L, AMDT 1D.ILS OR LOC RWY 34R, AMDT 2C.MALL VISUAL RWY 34 R/C/L, AMDT 6.RNAV (GPS) Y RWY 16C, AMDT 3.RNAV (GPS) Y RWY 16L, AMDT 5.RNAV (GPS) Y RWY 16R, AMDT 2.RNAV (GPS) Y RWY 34C, AMDT 2B.RNAV (GPS) Y RWY 34L, AMDT 1B.RNAV (GPS) Y RWY 34R, AMDT 2C.RNAV (RNP) M RWY 16R, AMDT 2.RNAV (RNP) M RWY 34L, AMDT 3.RNAV (RNP) Z RWY 16C, AMDT 1.RNAV (RNP) Z RWY 16L, AMDT 2.RNAV (RNP) Z RWY 16R, AMDT 1 FDC 6/3871 SEA IAP SEATTLE-TACOMA INTL, SEATTLE, WA. RNAV (RNP) Z RWY 34C, AMDT 2. RNAV (RNP) Z RWY 34L, AMDT 2. RNAV (RNP) Z RWY 34R, AMDT 1. CHANGE ALL REFERENCE TO SEATTLE APP CON 125.9, 290.9 TO 133.65, 273.45. 1609161941-1704281940EST

SOUTH BEND

Willapa Harbor

FDC 5/0468 01WA SPECIAL WILLAPA HARBOR, SOUTH BEND, WA. COPTER RNAV (GPS) 073, ORIG...MDA 660/ HAS 440.. 1508271456-1602231456EST.

SPOKANE

Spokane Intl

FDC 6/8645 GEG IAP SPOKANE INTL, SPOKANE, WA. RNAV (RNP) Z RWY 3, ORIG...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1612072239-1707192238EST.

FDC 6/1110 GEG SID SPOKANE INTL, SPOKANE, WA. SPOKANE THREE DEPARTURE...TAKE-OFF MINIMUMS: RWY 25, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 5100. ALL OTHER DATA REMAINS AS PUBLISHED. 1611201501-1707021501EST.

FDC 6/1107 GEG IAP SPOKANE INTL, SPOKANE, WA. RNAV (GPS) Y RWY 25, AMDT 4A...CIRCLING CAT C MDA 3300/HAA 915, VIS 2 3/4. 1611201500-1707021500EST.

VANCOUVER

Pearson Field

FDC 7/2235 VUO ODP PEARSON FIELD, VANCOUVER, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKE-OFF MINIMUMS RWY 8 STANDARD WITH MINIMUM CLIMB OF 425 FT PER NM TO 600, OR 500-2 1/2 WITH MINIMUM CLIMB OF 267 FT PER NM TO 600, OR 900-2 1/2 FOR CLIMB IN VISUAL CONDITIONS. CHANGE NOTE RWY 8, TREE 1.2 NM FROM DER, 2366 FT LEFT OF CENTERLINE, 100 FT AGL/435 FT MSL. MULTIPLE TREES BEGINNING 1.4 NM FROM DER, 701 FT LEFT OF CENTERLINE, UP TO 100FT AGL/426 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1702072341-1709192341EST.

WENATCHEE

Pangborn Memorial

FDC 6/6135 EAT SID PANGBORN MEMORIAL, WENATCHEE, WA. WENATCHEE ONE DEPARTURE (OBSTACLE)...CHANGE RWY 12, RWY 30, AND VCOA CLIMB-IN-HOLD INSTRUCTIONS TO READ: CLIMB IN HOLDING PATTERN (E, RT, 257 INBOUND) TO CROSS EAT VOR/DME AT OR ABOVE THE MCA/MEA FOR DIRECTION OF FLIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. 1611101633-1706221633EST.

WEST VIRGINIA

BECKLEY

Raleigh County Memorial

FDC 7/4015 BKW IAP RALEIGH COUNTY MEMORIAL, BECKLEY, WV. VOR RWY 10, AMDT 13...PROCEDURE NA. 1701122329-1708242328EST.

BERKELEY SPRINGS

Potomac Airpark

FDC 7/9246 W35 ODP POTOMAC AIRPARK, BERKELEY SPRINGS, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1. TAKEOFF MINIMUMS: RWY 11 29, 1900-2 WITH MINIMUM CLIMB OF 402 FT PER NM TO 2600. NOTE: RWY 11, BUSH 30 FT FROM DER, 21 FT LEFT OF CENTERLINE, 416 FT MSL. TREES BEGINNING 43 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 94 FT AGL/502 FT MSL. TREES BEGINNING 193 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 470 FT MSL. TREES BEGINNING 434 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 544 FT MSL. TREES 543 FT FROM DER, 251 FT LEFT OF CENTERLINE, UP TO 480 FT MSL. TREES BEGINNING 789 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 518 FT MSL. TREES BEGINNING 960 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 614 FT MSL. TREES BEGINNING 1358 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 521 FT MSL. TREES BEGINNING 1471 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 646 FT MSL. TREES BEGINNING 1544 FT FROM DER, 208 FT RIGHT OF CENTERLINE, UP TO 650 FT MSL. TREES, POLE, BUSH BEGINNING 1774 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 658 FT MSL. TREES BEGINNING 2031 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 530 FT MSL. TREES, GRD, BUSH, BLDG BEGINNING 2151 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 668 FT MSL. TREES BEGINNING 3472 FT FROM DER, 255 FT RIGHT OF CENTERLINE, UP TO 698 FT MSL. TREES BEGINNING 3737 FT FROM DER, 503 FT RIGHT OF CENTERLINE, UP TO 715 FT MSL. TREES, GRD BEGINNING 3833 FT FROM DER, 394 FT RIGHT OF CENTERLINE, UP TO 729 FT MSL. TREES BEGINNING 4134 FT FROM DER, 686 FT RIGHT OF CENTERLINE, UP TO 732 FT MSL. TREES BEGINNING 4157 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 581 FT MSL. TREES BEGINNING 4438 FT FROM DER, 541 FT RIGHT OF CENTERLINE, UP TO 748 FT MSL. TREES BEGINNING 4463 FT FROM DER, 1395 FT LEFT OF CENTERLINE, UP TO 603 FT MSL. TREES, VEHICLE ON RD BEGINNING 4487 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 766 FT MSL. TREES BEGINNING 4769 FT FROM DER, 1377 FT LEFT OF CENTERLINE, UP TO 649 FT MSL. TREES, GRD

BUCKHANNON

Upshur County Rgnl

FDC 6/4380 W22 IAP UPSHUR COUNTY RGNL, BUCKHANNON, WV. RNAV (GPS) RWY 11, AMDT 2B...RNAV (GPS) RWY 29, AMDT 2B...VOR-A, AMDT 1A...DISREGARD NOTE: NIGHT LANDING: RWY 11 NA. 1612211838-1708021838EST.

CHARLESTON

Yeager

FDC 6/8736 CRW IAP YEAGER, CHARLESTON, WV. RNAV (GPS) Y RWY 23, AMDT 1A...LPV MINIMUMS NA. 1610281454-1706091454EST.

ELKINS

Elkins-Randolph Co-Jennings Randolph Fld

FDC 6/1189 EKN IAP ELKINS-RANDOLPH CO-JENNINGS RANDOLPH FLD, ELKINS, WV. RNAV (GPS) RWY 14, ORIG...PROCEDURE NA. 1610171308-1705291308EST.

HUNTINGTON

Tri-State/Milton J Ferguson Field

FDC 6/6696 HTS IAP TRI-STATE/MILTON J FERGUSON FIELD, HUNTINGTON, WV. RNAV (GPS) RWY 12, AMDT 3A...LNAV MDA/HAT 1220/392 ALL CATS. CHART VDP AT 1.05 MILES TO RWY 12*. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, LNAV CAT A/B TO RVR 5500, CAT C/D TO RVR 6000. CHART FAS OBST: 960 TREE 382257N-0823501W. 1610111413-1705231413EST.

LEWISBURG

Greenbrier Valley

FDC 7/8769 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. ILS OR LOC RWY 4, AMDT 11...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1701291535-1709101535EST.

FDC 7/4043 LWB ODP GREENBRIER VALLEY, LEWISBURG, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...DEPARTURE PROCEDURE: RWY 4, CLIMB HEADING 043 TO 4100 BEFORE PROCEEDING ON COURSE. RWY 22, CLIMB HEADING 223 TO 3300 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1701122354-1708242354EST.

FDC 6/2389 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. VOR RWY 22, AMDT 1...S-22 MDA 2780/HAT 478 ALL CATS. VIS CAT C 1 3/8. CIRCLING CAT A MDA 2840/HAA 538. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610041225-1705161225EST.

FDC 6/2388 LWB IAP GREENBRIER VALLEY, LEWISBURG, WV. RNAV (GPS) RWY 4, ORIG...LNAV MDA 2700/HAT 412 ALL CATS. CIRCLING CAT A MDA 2840/HAA 538. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610041225-1705161225EST.

FDC 6/2383 LWB IAP GREENBRIER VALLEY,
LEWISBURG, WV. RNAV (GPS) RWY 22,
ORIG...CIRCLING CAT A MDA 2840/HAA 538.
CHANGE VISIBILITY REDUCTION BY HELICOPTERS
NA NOTE TO READ: HELICOPTER VISIBILITY
REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
1610041221-1705161221EST.

MARTINSBURG

Eastern Wv Rgnl/Shepherd Fld

FDC 6/3914 MRB IAP EASTERN WV
RGNL/SHEPHERD FLD, MARTINSBURG, WV. VOR-A,
AMDT 10...PROCEDURE NA.
1610201358-1706011357EST.

FDC 6/1368 MRB SID EASTERN WV
RGNL/SHEPHERD FLD, MARTINSBURG, WV. TRIXY
FIVE DEPARTURE...KESSEL TRANSITION NA
EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE
RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF
SERVICE. 1607061359-1702151359EST.

MILTON

Ona Airpark

FDC 7/8861 12V IAP ONA AIRPARK, MILTON, WV.
RNAV (GPS)-A, ORIG...DESCENT ANGLE 3.19/TCH 40
NA. 1701292136-1709102136EST.

FDC 6/0543 12V IAP ONA AIRPARK, MILTON, WV.
VOR-A, AMDT 2...PROCEDURE NA.
1612121542-1707241542EST.

MORGANTOWN

Morgantown Muni-Walter L Bill Hart Fld

FDC 6/5351 MGW IAP MORGANTOWN
MUNI-WALTER L BILL HART FLD, MORGANTOWN,
WV. ILS OR LOC RWY 18, AMDT 13B...DME
REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH
SUITABLE RNAV SYSTEM WITH GPS, IHD VORTAC
OUT OF SERVICE. 1608311335-1704121335EST.

FDC 6/0952 MGW IAP MORGANTOWN
MUNI-WALTER L BILL HART FLD, MORGANTOWN,
WV. VOR-A, AMDT 13...PROCEDURE NA.
1611191846-1707011846EST.

MOUNDSVILLE

Marshall County

FDC 6/7977 MPG IAP MARSHALL COUNTY,
MOUNDSVILLE, WV. VOR/DME-A, AMDT 2B...NOTE:
CIRCLING RWY 24 NA AT NIGHT. NOTE: RWY 24
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NOT AUTHORIZED. DISREGARD NOTE: PROCEDURE
NA AT NIGHT. DISREGARD NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NA.
1611151636-1706271636EST.

FDC 6/7976 MPG IAP MARSHALL COUNTY,
MOUNDSVILLE, WV. RNAV (GPS) RWY 24,
ORIG-A...NOTE: STRAIGHT-IN RWY 24 NA AT NIGHT.
NOTE: RWY 24 HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NOT AUTHORIZED.
DISREGARD NOTE: PROCEDURE NA AT NIGHT.
DISREGARD NOTE: HELICOPTER VISIBILITY
REDUCTION BELOW 1 SM NA.
1611151636-1706271636EST.

FDC 6/7975 MPG IAP MARSHALL COUNTY,
MOUNDSVILLE, WV. RNAV (GPS) RWY 6,
ORIG-B...NOTE: CIRCLING RWY 24 NA AT NIGHT.
VDA 3.04/TCH 40 NA. DISREGARD NOTE:
PROCEDURE NA AT NIGHT. DISREGARD NOTE:
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM
NA. 1611151636-1706271636EST.

PARKERSBURG

Mid-Ohio Valley Rgnl

FDC 7/1639 PKB IAP MID-OHIO VALLEY RGNL,
PARKERSBURG, WV. ILS OR LOC RWY 3, AMDT
14A...PROCEDURE NA EXCEPT FOR AIRCRAFT
EQUIPPED WITH SUITABLE RNAV SYSTEM WITH
GPS, JPU VORTAC OUT OF SERVICE.
1702071429-1704011428EST.

PETERSBURG

Grant County

FDC 7/8653 W99 IAP GRANT COUNTY,
PETERSBURG, WV. RNAV (GPS)-C,
ORIG...DISREGARD NOTE: PROCEDURE NA AT
NIGHT. NOTE: STRAIGHT-IN RWY 13 NA AT NIGHT,
CIRCLING RWY 13 NA AT NIGHT.
1701272101-1709082101EST.

FDC 7/8652 W99 IAP GRANT COUNTY,
PETERSBURG, WV. LDA/DME-B, AMDT
3B...VOR/DME-A, AMDT 2B...DISREGARD NOTE:
PROCEDURE NA AT NIGHT. NOTE: CIRCLING RWY
13 NA AT NIGHT. 1701272101-1709082101EST.

FDC 7/8651 W99 IAP GRANT COUNTY,
PETERSBURG, WV. RNAV (GPS) Y RWY 31,
ORIG-A...RNAV (GPS) Z RWY 31,
ORIG-A...DISREGARD NOTE: PROCEDURE NA AT
NIGHT. NOTE: CIRCLING RWY 13 NA AT NIGHT.
1701272101-1709082101EST.

FDC 6/1369 W99 IAP GRANT COUNTY, PETERSBURG, WV. LDA/DME-B, AMDT 3B...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF SERVICE. 1607061359-1702151359EST.

FDC 6/1366 W99 ODP GRANT COUNTY, PETERSBURG, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, ESL VOR/DME OUT OF SERVICE. 1607061359-1702151359EST.

PINEVILLE

Kee Field

FDC 7/8859 I16 IAP KEE FIELD, PINEVILLE, WV. GPS RWY 8, ORIG-B...DESCENT ANGLE 3.0/TCH 40 NA. 1701292135-1709102135EST.

FDC 7/8857 I16 IAP KEE FIELD, PINEVILLE, WV. GPS RWY 26, ORIG-B...DESCENT ANGLE 2.89/TCH 40 NA. 1701292133-1709102132EST.

FDC 6/3100 I16 ODP KEE FIELD, PINEVILLE, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE NA. 1610191711-1705311711EST.

POINT PLEASANT

Mason County

FDC 6/1156 312 IAP MASON COUNTY, POINT PLEASANT, WV. RNAV (GPS) RWY 25, ORIG...PROCEDURE NA. 1611201524-1707021524EST.

RAVENSWOOD

Jackson County

FDC 7/4250 I18 IAP JACKSON COUNTY, RAVENSWOOD, WV. RNAV (GPS) RWY 22, ORIG-A...NOTE: RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: STRAIGHT-IN RWY 22 NA AT NIGHT. NOTE: CIRCLING RWY 4 NA AT NIGHT. DISREGARD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DISREGARD NOTE: NIGHT LANDING: RWY 22 NA. 1701131920-1708251920EST.

FDC 7/4174 I18 IAP JACKSON COUNTY, RAVENSWOOD, WV. RNAV (GPS) RWY 4, ORIG...LPV DA NA. LNAV/VNAV DA NA. NOTE: RWY 4, 22 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. NOTE: STRAIGHT-IN RWY 4 NA AT NIGHT. NOTE: CIRCLING RWY 22 NA AT NIGHT. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POINT PLEASANT ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CAT C VISIBILITY MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 22 NA. DISREGARD NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). DISREGARD NOTE: BARO-VNAV AND VDP NA WITH POINT PLEASANT ALTIMETER SETTING. 1701131559-1708251559EST.

SPENCER

Boggs Field

FDC 6/1192 USW IAP BOGGS FIELD, SPENCER, WV. RNAV (GPS) RWY 28, AMDT 1A...DELETE DESCENT ANGLE 3.00/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.. 1611201533-1707021532EST.

SUTTON

Braxton County

FDC 7/2125 48I IAP BRAXTON COUNTY, SUTTON, WV. RNAV (GPS) RWY 20, AMDT 1...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARKSBURG ALTIMETER SETTING AND INCREASE ALL MDA 260 FEET AND LNAV CAT A/B AND CIRCLING ALL CATS VISIBILITY 1/4 MILE AND LNAV CAT C VISIBILITY 3/4 MILE. ALTERNATE MINIMUMS: NA. 1702072238-1709192238EST.

FDC 6/1521 48I ODP BRAXTON COUNTY, SUTTON, WV. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS: RWY 2, 300-1 WITH MINIMUM CLIMB OF 245 FT PER NM TO 2100 OR 1200-3 FOR CLIMB IN VISUAL CONDITIONS. DEPARTURE PROCEDURE: RWY 2, CLIMB HEADING 014 TO 2200 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS BRAXTON COUNTY AIRPORT AT OR ABOVE 2300. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611202041-1707022041EST.

WHEELING

Wheeling Ohio Co

FDC 7/1460 HLG IAP WHEELING OHIO CO, WHEELING, WV. ILS OR LOC RWY 3, AMDT 22...ALTERNATE MINIMUMS NA, AIR VOR/DME UNMONITORED. 1702061859-1703061859EST.

FDC 7/1459 HLG IAP WHEELING OHIO CO, WHEELING, WV. VOR RWY 21, AMDT 15...ALTERNATE MINIMUMS NA, AIR VOR/DME UNMONITORED. 1702061859-1703061859EST.

FDC 7/0950 HLG IAP WHEELING OHIO CO, WHEELING, WV. RNAV (GPS) RWY 34, ORIG-A...DISREGARD NOTE: NIGHT LANDING: RWY 16 NA. 1702031806-1709151806EST.

FDC 7/0949 HLG IAP WHEELING OHIO CO, WHEELING, WV. RNAV (GPS) RWY 16, ORIG...DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT. 1702031806-1709151806EST.

WISCONSIN

ANTIGO

Langlade County

FDC 6/4285 AIG IAP LANGLADE COUNTY, ANTIGO, WI. RNAV (GPS) RWY 27, ORIG-A...LPV VIS 1 ALL CATS. LNAV MDA 2200/HAT 677 ALL CATS, VIS CAT C/D 1 7/8. CIRCLING MDA 2200/HAA 677 ALL CATS, VIS CAT C 2, CAT D 2 1/4. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAUSAU DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA 105 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 120 FEET, LNAV CAT C/D VISIBILITY 5/8 MILE AND CIRCLING CAT C 1/2 MILE AND CAT D 1/4 MILE. ALTERNATE MINIMUMS STANDARD EXCEPT CAT D 800-2 1/4. 1610201656-1706011656EST.

BARABOO

Baraboo Wisconsin Dells

FDC 6/5301 DLL ODP BARABOO WISCONSIN DELLS, BARABOO, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...RWY 14, 32 NA, ENVIRONMENTAL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609201630-1705021629EST.

BOSCOBEL

Boscobel

FDC 6/5156 OVS IAP BOSCOBEL, BOSCOBEL, WI. RNAV (GPS) RWY 7, ORIG...NOTE: VGSI AND RNAV GLIDEPATH ANGLE NOT COINCIDENT. 1612272201-1708082201EST.

BURLINGTON

Burlington Muni

FDC 7/2066 BUU IAP BURLINGTON MUNI, BURLINGTON, WI. RNAV (GPS) RWY 11, ORIG-A...RNAV (GPS) RWY 29, AMDT 1A...VOR RWY 29, AMDT 8B...VOR-A, AMDT 2...NOTE: CIRCLING TO RWYS 1, 19 NA. 1702072119-1709192119EST.

CHETEK

Chetek Muni-Southworth

FDC 6/4455 Y23 IAP CHETEK MUNI-SOUTHWORTH, CHETEK, WI. RNAV (GPS) RWY 17, ORIG-D...RNAV (GPS) RWY 35, ORIG-C...DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1612212025-1708022025EST.

EAU CLAIRE

Chippewa Valley Rgnl

FDC 6/5674 EAU IAP CHIPPEWA VALLEY RGNL, EAU CLAIRE, WI. RNAV (GPS) RWY 22, ORIG-A...PROCEDURE NA. 1611101007-1706221007EST.

FDC 6/0147 EAU IAP CHIPPEWA VALLEY RGNL, EAU CLAIRE, WI. ILS OR LOC RWY 22, AMDT 8A...RNAV (GPS) RWY 22, ORIG-A...CIRCLING CAT B/C MDA 1540/HAA 627, CAT C VISIBILITY 1 3/4. 1610141429-1705261429EST.

Mayo Clinic Health System-Eau Claire

FDC 6/7252 WS38 SPECIAL MAYO CLINIC HEALTH SYSTEM-EAU CLAIRE, EAU CLAIRE, WI. COPTER RNAV (GPS) 065, ORIG...NOTE: PROCEED VFR FROM CULBI OR CONDUCT SPECIFIED MISSED APPROACH PROCEDURE. 1612061745-1707181745EST.

FOND DU LAC

Fond Du Lac County

FDC 6/1345 FLD ODP FOND DU LAC COUNTY, FOND DU LAC, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1B...NOTE: RWY 18: TREE 2 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/852 FT MSL. TREE 2592 FT FROM DER, 631 FT LEFT OF CENTERLINE, UP TO 86 FT AGL/866 FT MSL. TREES 2701 FT FROM DER, 872 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/885 FT MSL. TREES 3677 FT FROM DER, 1252 RIGHT OF CENTERLINE, UP TO 90 FT AGL/913 FT MSL. NOTE: RWY 36: BLDG 465 FT FROM DER, 467 FT RIGHT OF CENTERLINE, 29 FT AGL/803 FT MSL. TREE 646 FT FROM DER, 413 FT LEFT OF CENTERLINE, 40 FT AGL/817 FT MSL. SIGN 1073 FT FROM DER, 330 FT RIGHT OF CENTERLINE, 40 FT AGL/815 FT MSL. TREE 1598 FT FROM DER, 618 FT LEFT OF CENTERLINE, 50 FT AGL/826 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609301839-1705121838EST.

FDC 6/0778 FLD IAP FOND DU LAC COUNTY, FOND DU LAC, WI. VOR/DME RWY 36, AMDT 6B...S-36 CAT A/B VISIBILITY 3/4 MILE. NOTE: NIGHT LANDING: RWY 09, 27 NA. NOTE: RWY 36 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141838-1705261838EST.

FORT ATKINSON

Fort Atkinson Muni

FDC 6/0984 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. RNAV (GPS) RWY 21, ORIG-A...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. 1611012211-1706132211EST.

FDC 6/0981 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. RNAV (GPS) RWY 3, ORIG-A...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1611012209-1706132209EST.

FDC 6/0979 61C IAP FORT ATKINSON MUNI, FORT ATKINSON, WI. VOR-A, ORIG-C...NOTE: NIGHT LANDING: RWY 3 NA. DISREGARD NOTE: PROCEDURE NA AT NIGHT. 1611012207-1706132207EST.

FRIENDSHIP (ADAMS)

Adams County Legion Field

FDC 6/2146 63C ODP ADAMS COUNTY LEGION FIELD, FRIENDSHIP (ADAMS), WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS RWY 33, 500-2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 400 FT PER NM TO 1600.. DEPARTURE PROCEDURE: RWY 33, CLIMB HEADING 335 TO 1500 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1611031437-1706151436EST.

GREEN BAY

County Rescue Services

FDC 6/6885 4WN7 SPECIAL COUNTY RESCUE SERVICES, GREEN BAY, WI. COPTER RNAV (GPS) 045, ORIG...IFR DEPARTURE NA. 1610111611-1705231610EST.

Green Bay-Austin Straubel Intl

FDC 6/7963 GRB IAP GREEN BAY-AUSTIN STRAUBEL INTL, GREEN BAY, WI. ILS OR LOC RWY 36, AMDT 9...CHANGE AIRPORT NAME FROM AUSTIN STRAUBEL INTL TO GREEN BAY-AUSTIN STRAUBEL INTL. 1612071438-1707191438EST.

FDC 6/7961 GRB IAP GREEN BAY-AUSTIN STRAUBEL INTL, GREEN BAY, WI. ILS OR LOC RWY 6, AMDT 21B...CHANGE AIRPORT NAME FROM AUSTIN STRAUBEL INTL TO GREEN BAY-AUSTIN STRAUBEL INTL. 1612071438-1707191438EST.

FDC 6/7954 GRB IAP GREEN BAY-AUSTIN STRAUBEL INTL, GREEN BAY, WI. VOR-A, ORIG-A...CHANGE AIRPORT NAME FROM AUSTIN STRAUBEL INTL TO GREEN BAY-AUSTIN STRAUBEL INTL. 1612071438-1707191438EST.

FDC 6/7953 GRB IAP GREEN BAY-AUSTIN STRAUBEL INTL, GREEN BAY, WI. RADAR 1, AMDT 9C...CHANGE AIRPORT NAME FROM AUSTIN STRAUBEL INTL TO GREEN BAY-AUSTIN STRAUBEL INTL. 1612071438-1707191438EST.

FDC 6/7948 GRB ODP GREEN BAY-AUSTIN STRAUBEL INTL, GREEN BAY, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...CHANGE AIRPORT NAME FROM AUSTIN STRAUBEL INTL TO GREEN BAY-AUSTIN STRAUBEL INTL. 1612071438-1707191438EST.

HAYWARD

Sawyer County

FDC 6/4170 HYR IAP SAWYER COUNTY, HAYWARD, WI. ILS OR LOC/DME RWY 20, ORIG...CHANGE REFERENCE FROM RWY 20 TO RWY 21. 1612202224-1708012224EST.

JUNEAU

Dodge County

FDC 6/1457 UNU ODP DODGE COUNTY, JUNEAU, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKE-OFF MINIMUMS: RWY 20, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 432 FT PER NM TO 1200. NOTE: RWY 2, TREES 509 FT FROM DER, 526 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/969 FT MSL. OL ON WSK, 517 FT FROM DER, 394 FT RIGHT OF CENTERLINE, 14 FT AGL/958 FT MSL. TREES AND POLES BEGINNING 561 FT FROM DER, 536 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/990 FT MSL. ANTENNA 888 FT FROM DER, 414 FT RIGHT OF CENTERLINE, 23 FT AGL/966 FT MSL. RWY 8, BLDGS BEGINNING 372 FT FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/976 FT MSL. TREES BEGINNING 564 FT FROM DER, 363 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/989 FT MSL. POLE 573 FT FROM DER, 454 FT LEFT OF CENTERLINE, 24 FT AGL/967 FT MSL TREES BEGINNING 635 FT FROM DER, 72 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/987 FT MSL. ANTENNA 995 FT FROM DER, 691 FT RIGHT OF CENTERLINE, 44 FT AGL/962 FT MSL. RWY 26, TREES BEGINNING 664 FT FROM DER, ON CENTERLINE, UP TO 111 FT AGL/1036 FT MSL. POLE 1377 FT FROM DER, 611 FT LEFT OF CENTERLINE, 27 FT AGL/925 FT MSL. TREES BEGINNING 581 FT FROM DER, 111 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/1009 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609301932-1705121932EST.

KENOSHA

Kenosha Rgnl

FDC 7/4090 ENW IAP KENOSHA RGNL, KENOSHA, WI. ILS OR LOC RWY 7L, AMDT 3...RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 25R, ORIG...RNAV (GPS) RWY 33, ORIG...RNAV (GPS) RWY 7L, ORIG...CIRCLING CATS A/B/C MDA 1260/HAA 518. CRANE, 895 MSL, 1.45 NM NW OF KENW, 2015-AGL-11572-OE. 1701131411-1703141410EST.

FDC 6/9388 ENW IAP KENOSHA RGNL, KENOSHA, WI. ILS OR LOC RWY 7L, AMDT 3...RNAV (GPS) RWY 15, ORIG...RNAV (GPS) RWY 25R, ORIG...RNAV (GPS) RWY 33, ORIG...RNAV (GPS) RWY 7L, ORIG...VOR RWY 25R, AMDT 1...NOTE: NIGHT LANDING: RWY 7R, 15 NA. 1610131727-1705251727EST.

LA CROSSE

La Crosse Rgnl

FDC 6/2159 LSE IAP LA CROSSE RGNL, LA CROSSE, WI. RNAV (GPS) RWY 18, ORIG-D...RNAV (GPS) RWY 36, ORIG-C...CHANGE CHART NOTE TO READ: CIRCLING RWY 22, NA AT NIGHT.. 1609151110-1704271110EST.

LADYSMITH

Rusk County

FDC 6/8593 RCX IAP RUSK COUNTY, LADYSMITH, WI. RNAV (GPS) RWY 14, ORIG-A...LPV DA NA. LNAV/VNAV DA NA. NOTE: STRAIGHT-IN RWY 14 NA AT NIGHT, CIRCLING RWY 01, 14, 19 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 1/19 NA AT NIGHT. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. VDP NA. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1612072210-1707192210EST.

FDC 6/8591 RCX IAP RUSK COUNTY, LADYSMITH, WI. RNAV (GPS) RWY 32, ORIG-B...NOTE: CIRCLING RWY 01, 14, 19 NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 1/19 NA AT NIGHT. 1612072209-1707192209EST.

FDC 6/8589 RCX IAP RUSK COUNTY, LADYSMITH, WI. NDB RWY 32, AMDT 3A...NOTE: PROCEDURE NAT AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 1/19 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 32 NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. 1612072208-1707192207EST.

MADISON

Dane County Rgnl-Truax Field

FDC 7/8896 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. ILS OR LOC RWY 21, ORIG-C...RNAV (GPS) RWY 14, AMDT 2E...RNAV (GPS) RWY 18, AMDT 2E...RNAV (GPS) RWY 21, AMDT 2C...RNAV (GPS) RWY 3, ORIG-C...RNAV (GPS) RWY 32, AMDT 2E...RNAV (GPS) RWY 36, AMDT 2D...CIRCLING CAT D MDA 1720/HAA 833. VIS CAT D 2 3/4. 1701292203-1709102203EST.

FDC 7/8889 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR RWY 21, ORIG...S-21 MDA 1720/HAT 833 ALL CATS. CIRCLING MDA 1720/HAA 833 ALL CATS. VIS CAT A 1 1/4. 1701292157-1709102157EST.

FDC 6/6355 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. ILS OR LOC/DME RWY 18, AMDT 2...ILS OR LOC/DME RWY 36, AMDT 2...RADAR 1, AMDT 18...CIRCLING CATS D/E MDA 1720/HAA 833. VIS CAT D 2 3/4, CAT E 3. 1611101815-1706221815EST.

MEDFORD

Taylor County

FDC 6/0720 MDZ IAP TAYLOR COUNTY, MEDFORD, WI. RNAV (GPS) RWY 16, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 9/34 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: RWY 16 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 1610141809-1705261809EST.

FDC 6/0716 MDZ IAP TAYLOR COUNTY, MEDFORD, WI. RNAV (GPS) RWY 9, ORIG-A...DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 16 AND RWY 34 NA AT NIGHT. 1610141808-1705261808EST.

FDC 6/0711 MDZ IAP TAYLOR COUNTY, MEDFORD, WI. RNAV (GPS) RWY 34, ORIG-A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 9/16 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 1610141807-1705261807EST.

MIDDLETON

Middleton Muni - Morey Field

FDC 6/2635 C29 ODP MIDDLETON MUNI - MOREY FIELD, MIDDLETON, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKEOFF OBSTACLE NOTES: NOTE RWY 10, MULTIPLE TREES BEGINNING 584 FT FROM DER, 518 FT RIGHT OF CENTERLINE, 100 FT AGL/953 FT MSL. TREES BEGINNING 1152 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 100 FT AGL/1005 FT MSL... ALL OTHER DATA REMAINS AS PUBLISHED. 1611031820-1706151820EST.

MILWAUKEE

Lawrence J Timmerman

FDC 6/0094 MWC IAP LAWRENCE J TIMMERMAN, MILWAUKEE, WI. RNAV (GPS) RWY 15L, ORIG-B...RNAV (GPS) RWY 22R, ORIG-C...RNAV (GPS) RWY 4L, ORIG-B...VOR RWY 4L, AMDT 9B...DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING TO RWY 4R, 15R, 22L, 33L NA AT NIGHT. NOTE: CIRCLING TO RWYS 4R/22L AND 15R/33L NA. 1611171958-1706291958EST.

FDC 6/0093 MWC IAP LAWRENCE J TIMMERMAN, MILWAUKEE, WI. LOC RWY 15L, AMDT 6B...DISREGARD NOTE: NIGHT LANDING: RWY 4L/R, 15L, 22L/R, 33L/R NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. NOTE: CIRCLING NA TO RWYS 4R/22L AND 15R/33L. 1611171958-1706291958EST.

MINOCQUA-WOODRUFF

Lakeland/Noble F Lee Memorial Field

FDC 6/8669 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. RNAV (GPS) RWY 36, ORIG...LNAV MDA 2000/HAT 373 ALL CATS. CHANGE INOPERATIVE TABLE DOES NOT APPLY NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LNAV ALL CATS. 1612072247-1707192247EST.

FDC 6/6393 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. LOC RWY 36, AMDT 1...DISREGARD ALL REFERENCE TO I-DOF DME. EBIWE FIX MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, I-DOF DME OTS. 1612051907-1707171906EST.

FDC 6/4143 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. LOC RWY 36, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. DOUGY (DO) LOM OUT OF SERVICE. 1607281345-1703091345EST.

FDC 6/0976 ARV IAP LAKELAND/NOBLE F LEE MEMORIAL FIELD, MINOCQUA-WOODRUFF, WI. RNAV (GPS) RWY 28, ORIG...NOTE: NIGHT LANDING: RWY 10, 28 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD SYMBOL REPRESENTING VISUAL 34:1 SLOPE IS CLEAR. 1611012204-1706132204EST.

MOSINEE

Central Wisconsin

FDC 6/5405 CWA IAP CENTRAL WISCONSIN, MOSINEE, WI. ILS OR LOC RWY 8, AMDT 13B...RADAR REQUIRED FOR PROCEDURE ENTRY EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. DME REQUIRED EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. STEVENS POINT (STE) VORTAC OUT OF SERVICE. 1610241319-1706051319EST.

OSCEOLA

L O Simenstad Muni

FDC 6/1427 OEO IAP L O SIMENSTAD MUNI, OSCEOLA, WI. RNAV (GPS) RWY 10, ORIG-A...CHANGE TAA TO READ: FROM 013/15 CW 193/15 TO WESUS (IF/IAF) MINIMUM ALTITUDE 3100. ALL OTHER TAA DATA REMAINS AS PUBLISHED. 1609301920-1705121920EST.

PORTAGE

Portage Muni

FDC 6/3679 C47 ODP PORTAGE MUNI, PORTAGE, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...TAKE-OFF MINIMUMS: RWY 22, STANDARD WITH A MINIMUM CLIMB OF 270 FT PER NM TO 1000. DEPARTURE PROCEDURE: RWY 17 CLIMB ON HEADING 178 TO 1800 BEFORE PROCEEDING ON COURSE. RWY 22, CLIMB ON HEADING 223 TO 1800 BEFORE PROCEEDING ON COURSE. ALL OTHER DATA REMAINS AS PUBLISHED. 1609161628-1704281628EST.

FDC 6/2270 C47 IAP PORTAGE MUNI, PORTAGE, WI. RNAV (GPS)-A, ORIG...CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610041144-1705161144EST.

FDC 6/1244 C47 ODP PORTAGE MUNI, PORTAGE, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...DEPARTURE PROCEDURE CHANGE ALL REFERENCE TO RWY 17-35 TO RWY 18-36. ALL OTHER DATA REMAINS AS PUBLISHED. 1612131935-1707251935EST.

FDC 6/1242 C47 IAP PORTAGE MUNI, PORTAGE, WI. RNAV (GPS)-A, ORIG...VOR/DME RNAV OR GPS RWY 17, AMDT 4A...CHANGE ALL REFERENCE TO RWY 17-35 TO RWY 18-36. 1612131935-1707251935EST.

PRAIRIE DU CHIEN

Prairie Du Chien Muni

FDC 7/4436 PDC IAP PRAIRIE DU CHIEN MUNI, PRAIRIE DU CHIEN, WI. VOR/DME RWY 29, AMDT 8B...PROCEDURE NA. 1701141834-1708261834EST.

RACINE

John H Batten

FDC 7/6619 RAC IAP JOHN H BATTEN, RACINE, WI. ILS OR LOC RWY 4, AMDT 4E...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: CIRCLING TO RWY 32 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND RWY 22 NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN MINIMUMS NA AT NIGHT. NOTE: NIGHT LANDING: RWY 14 NA. 1701222108-1709032108EST.

FDC 7/6617 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 4, ORIG-A...VOR RWY 4, AMDT 1C...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND RWY 22 NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 32 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 14 NA. 1701222107-1709032107EST.

FDC 7/6615 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 32, ORIG-A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: STRAIGHT-IN/CIRCLING RWY 32 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 AND 22 NA AT NIGHT. NOTE: NIGHT LANDING: RWY 14 NA. 1701222106-1709032106EST.

FDC 7/6613 RAC IAP JOHN H BATTEN, RACINE, WI. RNAV (GPS) RWY 22, ORIG-A...NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 14 PROCEDURE NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT. DISREGARD NOTE: CIRCLING RWY 32 PROCEDURE NA AT NIGHT. NOTE: NIGHT LANDING: RWY 14 NA. 1701222105-1709032105EST.

FDC 6/0423 RAC SID JOHN H BATTEN, RACINE, WI. UECKR TWO DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO PRFEC, THENCE...ON TRACK 178.88 TO CROSS OZAU AT OR ABOVE 11000, THEN ON TRACK 178.60 TO CROSS MAULT AT OR ABOVE 13000, THEN ON TRACK 190.97 TO CROSS UECKR AT OR ABOVE 16000, THEN VIA (TRANSITION). MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1609121714-1704241714EST.

SHAWANO

Shawano Muni

FDC 6/9917 EZS IAP SHAWANO MUNI, SHAWANO, WI. RNAV (GPS) RWY 12, ORIG-A...CHANGE ZASRU MINIMUM ALTITUDE TO 2900. CHANGE HOLD IN LIEU OF PT AT ZASRU MINIMUM ALTITUDE TO 2900. CHANGE TAA FROM 024/8 CW 204/8 TO ZASRU MINIMUM ALTITUDE TO 2900. 1610312017-1706122017EST.

FDC 6/9913 EZS IAP SHAWANO MUNI, SHAWANO, WI. RNAV (GPS) RWY 30, ORIG-B...LNAV MDA 1620/HATH 810 ALL CATS. VISIBILITY CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING MDA 1620/HAA 807 ALL CATS. VISIBILITY CAT B 1 1/4, CAT C 2 1/2. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREEN BAY ALTIMETER SETTING AND INCREASE ALL DA 77 FEET AND ALL MDA 80 FEET AND INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT A, CIRCLING CAT C 1/4 MILE, AND CIRCLING CAT D 1/2 MILE. ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C/D 900-2 1/2, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. 1610312014-1706122014EST.

SHEBOYGAN

Sheboygan County Memorial

FDC 6/0746 SBM IAP SHEBOYGAN COUNTY MEMORIAL, SHEBOYGAN, WI. RNAV (GPS) RWY 13, ORIG-A...DELETE: DESCENT ANGLE 3.05/TCH 40. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1611181950-1706301950EST.

STEVENS POINT

Stevens Point Muni

FDC 7/3724 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. RNAV (GPS) RWY 12, ORIG-A...RNAV (GPS) RWY 21, ORIG...RNAV (GPS) RWY 3, ORIG-A...RNAV (GPS) RWY 30, ORIG-A...CIRCLING CATS A/B MDA 1620/HAA 510. CRANE, 1260 MSL, 3650 FT WEST OF STE, 2016-AGL-6994-OE. 1701121227-1703131227EST.

FDC 7/3723 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. ILS OR LOC RWY 21, ORIG-A...UKENE FIX MINIMUMS CIRCLING CATS A/B MDA 1620/HAA 510. CRANE, 1260 MSL, 3650 FT WEST OF STE, 2016-AGL-6994-OE. 1701121227-1703131227EST.

FDC 7/0311 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. ILS OR LOC RWY 21, ORIG-A...TERMINAL ROUTE: AUW VORTAC (IAF) TO JUVOP INT/12.53 DME NA, EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. MISSED APPROACH: CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AUW VORTAC AND HOLD N, RT, 193.46 INBOUND. STE VORTAC OUT OF SERVICE. 1701031723-1708151721EST.

FDC 6/4144 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. RNAV (GPS) RWY 3, ORIG-A...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. 1612202204-1708012204EST.

FDC 6/2520 STE IAP STEVENS POINT MUNI, STEVENS POINT, WI. RNAV (GPS) RWY 3, ORIG-A...LNAV/VNAV DA 1589/481 HAT. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSINEE ALTIMETER SETTING AND INCREASE LPV DA TO 1468 FEET, LNAV/VNAV DA TO 1648 FEET, INCREASE ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. 1609151400-1704271400EST.

STURGEON BAY

Door County Cherryland

FDC 6/1359 SUE IAP DOOR COUNTY CHERRYLAND, STURGEON BAY, WI. RNAV (GPS) RWY 10, ORIG-A...RNAV (GPS) RWY 2, AMDT 1B...RNAV (GPS) RWY 20, AMDT 1A...CIRCLING MDA 1340 / HAA 616 ALL CATS, VIS CAT C 1 3/4. TEMPORARY CRANE 980 FT MSL 1.2 NM E OF APCH END RWY 28. 1609301850-1705121850EST.

FDC 6/1358 SUE IAP DOOR COUNTY CHERRYLAND, STURGEON BAY, WI. RNAV (GPS) RWY 28, ORIG-A...LNAV MDA 1280 / HAT 564 ALL CATS, VIS CAT C 1 5/8. CIRCLING MDA 1340 / HAA 616 ALL CATS, VIS CAT C 1 3/4. TEMPORARY CRANE 980 FT MSL 1.2 NM E OF APCH END RWY 28. DELETE: DESCENT ANGLE 3.05 / TCH 35. PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. 1609301850-1705121850EST.

FDC 6/1351 SUE ODP DOOR COUNTY CHERRYLAND, STURGEON BAY, WI. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...TAKEOFF MINIMUMS RWY 10, 300 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 365 FT PER NM TO 1200. TEMPORARY CRANE BEGINNING 1.2 NM FROM DER, 40 FT RIGHT OF CENTERLINE, 390 FT AGL / 980 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. 1609301846-1705121846EST.

TOMAHAWK

Tomahawk Rgnl

FDC 6/0791 TKV IAP TOMAHAWK RGNL, TOMAHAWK, WI. RNAV (GPS) RWY 27, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOP, CIRCLING RWY 9 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 27 NA AT NIGHT. 1612122141-1707242141EST.

WATERTOWN

Watertown Muni

FDC 6/4047 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. RNAV (GPS) RWY 23, ORIG...NOTE: NIGHT LANDING: RWY 23 NA. DISREGARD NOTE: STRAIGHT-IN MINIMUMS TO RWY 23 AND CIRCLING TO RWY 5/23 NA AT NIGHT. 1610201437-1706011437EST.

FDC 6/4041 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. RNAV (GPS) RWY 11, ORIG...NOTE: NIGHT LANDING: RWY 23 NA. DISREGARD NOTE: CIRCLING TO RWY 5/23 NA AT NIGHT. 1610201435-1706011435EST.

FDC 6/4037 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 5, AMDT 1C...S-5 MDA 1460/HAT 639 ALL CATS. CIRCLING CAT A/B/C MDA 1460/HAA 627. NOTE: NIGHT LANDING RWY 5, 23 NA. NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 1610201434-1706011433EST.

FDC 6/4034 RYV IAP WATERTOWN MUNI, WATERTOWN, WI. NDB RWY 23, AMDT 2...RNAV (GPS) RWY 29, ORIG...VOR/DME RWY 29, ORIG-B...NOTE: NIGHT LANDING: RWY 23 NA. 1610201432-1706011432EST.

WAUKESHA

Waukesha County

FDC 6/6385 UES IAP WAUKESHA COUNTY, WAUKESHA, WI. ILS OR LOC RWY 10, AMDT 2A...DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 28 NA AT NIGHT. 1610251648-1706061648EST.

FDC 6/2887 UES IAP WAUKESHA COUNTY, WAUKESHA, WI. RNAV (GPS) RWY 28, ORIG...TERMINAL ROUTE: BAE VORTAC TO WIGBA NA. NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY. 1611271609-1707091609EST.

FDC 6/0444 UES SID WAUKESHA COUNTY, WAUKESHA, WI. UECKR TWO DEPARTURE (RNAV)...DEPARTURE ROUTE DESCRIPTION: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO PRFEC, THENCE...ON TRACK 178.88 TO CROSS OZAUK AT OR ABOVE 11000, THEN ON TRACK 178.60 TO CROSS MAULT AT OR ABOVE 13000, THEN ON TRACK 190.97 TO CROSS UECKR AT OR ABOVE 16000, THEN VIA (TRANSITION). MAINTAIN ALTITUDE ASSIGNED BY ATC, EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE. ALL OTHER DATA REMAINS AS PUBLISHED. 1609121743-1704241743EST.

WAUPACA

Waupaca Muni

FDC 6/5423 PCZ IAP WAUPACA MUNI, WAUPACA, WI. RNAV (GPS) RWY 10, AMDT 1A...CHART NOTE: CIRCLING TO RWY 28 NA AT NIGHT. DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DISREGARD NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DISREGARD NOTE: WHEN VGSI INOPERATIVE, CIRCLING NA AT NIGHT. 1612291621-1708101621EST.

FDC 6/1604 PCZ IAP WAUPACA MUNI, WAUPACA, WI. RNAV (GPS) RWY 28, AMDT 1A...DISREGARD NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. 1611202324-1707022324EST.

FDC 6/1602 PCZ IAP WAUPACA MUNI, WAUPACA, WI. NDB RWY 31, ORIG...DISREGARD NOTE: CIRCLING TO RWY 13 NA AT NIGHT. 1611202323-1707022323EST.

WAUPUN

Waupun Memorial Hospital

FDC 7/4540 WS75 SPECIAL WAUPUN MEMORIAL HOSPITAL, WAUPUN, WI. COPTER RNAV (GPS) 102, ORIG...MDA 1460/HAS 516. IFR DEPARTURE NA. 1701142018-1708262018EST.

WEST BEND

West Bend Muni

FDC 6/0666 ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 6, ORIG-B...LNAV MDA 1460/HAT 573 ALL CATS. CIRCLING CAT A/B MDA 1460/HAA 573. 1609131156-1704251156EST.

WISCONSIN RAPIDS

Alexander Field South Wood County

FDC 6/5430 ISW IAP ALEXANDER FIELD SOUTH WOOD COUNTY, WISCONSIN RAPIDS, WI. NDB RWY 2, AMDT 6A...SDF RWY 2, AMDT 5A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS. CIRCLING RWY 18/36 NA, STE VORTAC OUT OF SERVICE. 1610241355-1706051355EST.

WYOMING

CASPER

Casper/Natrona County Intl

FDC 6/6833 CPR IAP CASPER/NATRONA COUNTY INTL, CASPER, WY. ILS OR LOC RWY 8, AMDT 25B...S-ILS MINIMUMS NA. 1609021744-1704141743EST.

CHEYENNE

Cheyenne Rgnl/Jerry Olson Field

FDC 6/1847 CYS IAP U.S. DOD CHEYENNE RGNL/JERRY OLSON FIELD, CHEYENNE, WY. RADAR 1, AMDT 1C...ASR RWY 27 MDA 6560/HAT 401 ALL CATS. CIRCLING CATS A/B MDA 6860/HAA 701, VISIBILITY CATS A/B 1. CIRCLING CAT C MDA 6860/HAA 701, VISIBILITY CAT C 2. CIRCLING CAT D MDA 6860/HAA 701, VISIBILITY CAT D 2 1/4. 1610031350-1705151350EST.

EVANSTON

Evanston-Uinta County Burns Field

FDC 7/2118 EVW IAP EVANSTON-UINTA COUNTY BURNS FIELD, EVANSTON, WY. ILS OR LOC/DME RWY 23, AMDT 1...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, EVW VOR OUT OF SERVICE. 1702072229-1703092227EST.

GREYBULL

South Big Horn County

FDC 6/3659 GEY IAP SOUTH BIG HORN COUNTY, GREYBULL, WY. RNAV (GPS) RWY 7, ORIG-C...PROCEDURE NA. 1610201223-1706011223EST.

JACKSON

Jackson Hole

FDC 7/2558 JAC ODP JACKSON HOLE, JACKSON, WY. GEYSER FIVE DEPARTURE...TETON THREE DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, JAC VOR/DME OUT OF SERVICE. 1702081852-1702151852EST.

FDC 7/2557 JAC IAP JACKSON HOLE, JACKSON, WY. ILS Y OR LOC RWY 19, ORIG-A...ILS Z OR LOC/DME RWY 19, ORIG-A...PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, JAC VOR/DME OUT OF SERVICE. 1702081852-1702151852EST.

FDC 7/2556 JAC SID JACKSON HOLE, JACKSON, WY. ALPIN TWO DEPARTURE...DEPARTURE PROCEDURE NA EXCEPT FOR AIRCRAFT EQUIPPED WITH SUITABLE RNAV SYSTEM WITH GPS, JAC VOR/DME OUT OF SERVICE. 1702081852-1702151852EST.

FDC 7/2294 JAC IAP JACKSON HOLE, JACKSON, WY. VOR/DME RWY 1, ORIG...VOR/DME RWY 19, ORIG-A...ALTERNATE MINIMUMS NA, JAC VOR/DME UNMONITORED. 1702080542-1703070542EST.

FDC 6/1508 JAC IAP JACKSON HOLE, JACKSON, WY. ILS Y OR LOC RWY 19, ORIG-A...ADD S-ILS 19 WITH MISSED APPROACH MINIMUM CLIMB OF 235 FT PER NM TO 10600; DA 6651/HATH 200, VIS 3/4 ALL CATS. MISSED APPROACH CLIMB TO 6900 BEFORE TURNING RIGHT ON JAC R192 REQUIRED FOR 200 FT HATH ILS. FLY VISUAL DOES NOT APPLY TO 235 FT PER NM MISSED APPROACH CLIMB MINIMUMS.. 1611202034-1707022034EST.

NEWCASTLE

Mondell Field

FDC 6/2808 ECS IAP MONDELL FIELD, NEWCASTLE, WY. RNAV (GPS) RWY 14, AMDT 1...PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. .. 1611260001-1707080001EST.

FDC 6/1512 ECS IAP MONDELL FIELD, NEWCASTLE, WY. RNAV (GPS) RWY 32, AMDT 1...STRAIGHT-IN MINIMUMS NA 1611202037-1707022037EST.

FDC 6/1510 ECS IAP MONDELL FIELD, NEWCASTLE, WY. VOR RWY 32, AMDT 4A...STRAIGHT-IN MINIMUMS NA. 1611202036-1707022036EST.

FDC 5/9019 ECS IAP MONDELL FIELD, NEWCASTLE, WY. VOR RWY 32, AMDT 4A...STRAIGHT-IN MINIMUMS NA. 1508261141-1602221141EST.

FDC 5/8959 ECS IAP MONDELL FIELD, NEWCASTLE, WY. RNAV (GPS) RWY 32, AMDT 1...STRAIGHT-IN MINIMUMS NA 1508261140-1602221140EST.

SHERIDAN

Sheridan County

FDC 6/6521 SHR ODP SHERIDAN COUNTY, SHERIDAN, WY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 4...TAKEOFF MINIMUMS: RWY 15, STANDARD WITH A MINIMUM CLIMB OF 265 FT PER NM TO 6400. ALL OTHER DATA REMAINS AS PUBLISHED. 1610251936-1706061936EST.

FDC 6/1968 SHR IAP SHERIDAN COUNTY, SHERIDAN, WY. RNAV (GPS) RWY 33, AMDT 1...DISREGARD NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE 3.00/TCH 53). 1611221433-1707041433EST.

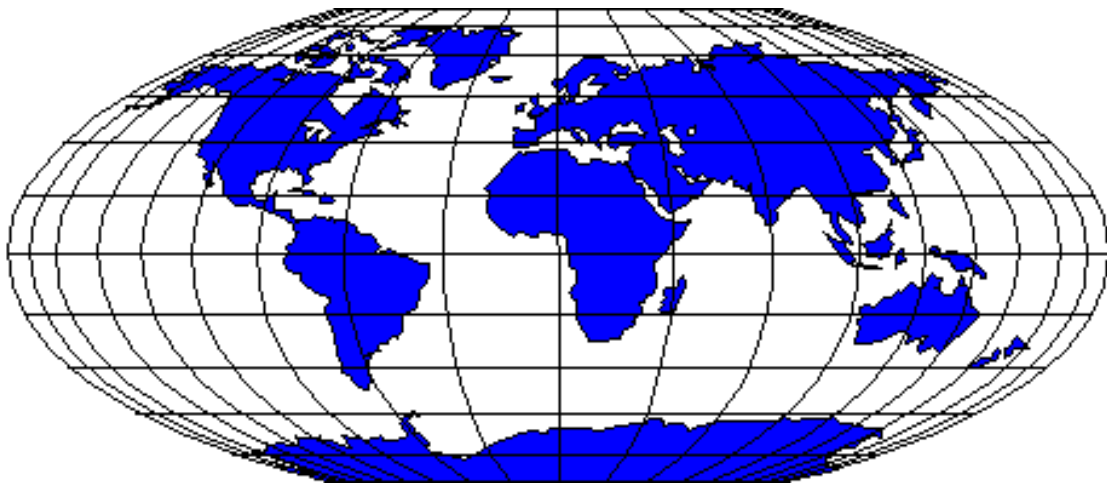
WORLAND

Worland Muni

FDC 6/4004 WRL IAP WORLAND MUNI, WORLAND,
WY. VOR RWY 16, AMDT 6B...VDP NA. IKETY FIX
MINIMUMS NA EXCEPT FOR AIRCRAFT EQUIPPED
WITH SUITABLE RNAV SYSTEM WITH GPS, RLY
DME OUT OF SERVICE. 1612201533-1708011532EST.

Part 1. FDC NOTAMs

Section 3. General NOTAMs



Shaded text indicates new or revised NOTAMs.

FDC 7/2328 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-3, PANEL, EFFECTIVE 05 JAN 2017... DELETE AIRWAY IDENT AND MEA , J84 MEA-20000, LOCATED ON J107 BETWEEN VOR/DME ROCK SPRING OCS AND FIX ORNUW. 1702081226-PERM

FDC 7/1434 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-35, PANEL B, EFFECTIVE 05 JAN 2017... BOGUE (NJM) TACAN IS MISSING THE FREQUENCY. THE FREQUENCY IS 134.0. THE CHANNEL SHOULD ALSO BE UNDERLINED BECAUSE SIMULATED VOICE IS UNAVAILABLE. 1702061840-PERM

FDC 7/9113 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-9, PANEL A, EFFECTIVE 05 JAN 2017... REPORTING POINT DARBI NAME MISSING, 381757N1194354W. 1701301822-PERM

FDC 7/8299 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-20, PANEL J, EFFECTIVE 05 JAN 2017... L207 ATLANTIC RTE FROM VOR/DME (VUH) SCHOLES TO FIX MUSYL,OG SEG MAG CRS 143 OPP MAG CRS 332; FIX MUSYL,OG TO FIX CATFS,OG SEG MAG CRS 166 OPP MAG CRS 347; FIX CATFS,OG TO FIX SEAGL,OG SEG MAG CRS 167 OPP MAG CRS 347; FIX SEAGL,OG TO FIX IPSEV,OG SEG MAG CRS 149 OPP MAG CRS 330. 1701262016-PERM

FDC 7/6766 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL B,C, EFFECTIVE 05 JAN 2017... Q102 ATLANTIC RTE FROM VORTAC (LEV) LEEVILLE TO FIX BLVNS,OG SEG MAG CRS 111 OPP MAG CRS 295; FIX BLVNS,OG TO FIX BUNNZ,OG SEG MAG CRS 109 OPP MAG CRS 291; FIX BUNNZ,OG TO FIX BACCA,OG SEG MAG CRS 110 OPP MAG CRS 291. 1701231627-PERM

FDC 7/6160 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL C,D, EFFECTIVE 05 JAN 2017... Q100 ATLANTIC RTE FROM FIX REDFN,OG TO FIX NAITE,OG SEG MAG CRS 109 OPP MAG CRS 289; FIX NAITE,OG TO FIX ROZZI,OG SEG MAG CRS 109 OPP MAG CRS 291; FIX ROZZI,OG TO FIX REMIS,OG SEG MAG CRS 111 OPP MAG CRS 292. 1701192140-PERM

FDC 7/6018 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... MISSING T- VOR/DME RUTLAND (RUT), FEQUENCY 111, WITHOUT VOICE CALL, DME CHANNEL 47X, N433.61 W07257.04. 1701191806-PERM

FDC 7/5656 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL B,C, EFFECTIVE 05 JAN 2017... L214 ATLANTIC RTE FROM FIX PLNDR,OG TO FIX DAGGR,OG SEG MAG CRS 160 OPP MAG CRS 340; FIX DAGGR,OG TO FIX IRDOV,OG SEG MAG CRS 161 OPP MAG CRS 341. 1701182037-PERM

FDC 7/5461 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL A,B, EFFECTIVE 05 JAN 2017... L208 ATLANTIC RTE FROM VOR/DME (SBI) SABINE PASS TO FIX ANKRR,OG SEG MAG CRS 153 OPP MAG CRS 338; FIX ANKRR,OG TO FIX RUMMM,OG SEG MAG CRS 158 OPP MAG CRS 338; FIX RUMMM,OG TO FIX PEGLG,OG SEG MAG CRS 158 OPP MAG CRS 339; FIX PEGLG,OG TO FIX DUTNA,OG SEG MAG CRS 147 OPP MAG CRS 329. 1701181545-PERM

FDC 7/5322 FDC CHART CORRECT U.S. GOVERNMENT IFR AREA CHART A1 - JACKSONVILLE, EFFECTIVE 05 JAN 2017... THE LEAD TYPE ON THE WESTERN EDGE OF THE CHART FOR AIRWAYS V198, T204 AND T210 SHOULD SHOW DIAGONAL LINES THROUGH THE 112.9 FREQUENCY AND THE 76 CHANNEL FOR TAYLOR (TAY) VORTAC TO INDICATE SHUTDOWN STATUS OF THE VORTAC.... 1701181328-PERM

FDC 7/4989 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL A,B, EFFECTIVE 05 JAN 2017... L207 ATLANTIC RTE FROM FIX MUSYL,OG TO FIX CATFS,OG SEG MAG CRS 166 AND OPP MAG CRS 347; FIX CATFS,OG TO FIX SEAGL,OG SEG MAG CRS 167 AND OPP MAG CRS 347; FIX SEAGL,OG TO FIX IPSEV,OG SEG MAG CRS 149 AND OPP MAG CRS 330. 1701171757-PERM

FDC 7/4766 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-34, PANEL I, EFFECTIVE 05 JAN 2017... BEARING FROM HARTFORD (HFD) TO DVANY ON V-1/V-229 SHOULD BE 053 DEGREES. CORRECTION WILL BE PUBLISHED EFF 02 MAR 2017. 1701171322-PERM

FDC 7/4765 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-34, PANEL I, EFFECTIVE 05 JAN 2017... BEARING FROM HARTFORD (HFD) TO WEGOT ON V-1 SHOULD BE 211 DEGREES. CORRECTION WILL BE PUBLISHED EFF 02 MAR 2017. 1701171314-PERM

FDC 7/4249 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-15, PANEL

C, EFFECTIVE 05 JAN 2017... RADIAL MAKEUP FROM BURNS FLATS (BFV) VORTAC OK TO WIMIS INT, OK CHANGE FROM BFV R-029 TO R-032. 1701131906-PERM

FDC 7/4201 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-28, PANEL J, EFFECTIVE 05 JAN 2017... REMOVE DECOMMISSIONED NDB HOWELL (OZW). 1701131643-PERM

FDC 7/4199 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-21, PANEL A,B, EFFECTIVE 05 JAN 2017... AIRSPACE LINE INCORRECTLY SHOWN ON CHART. LINE BETWEEN APPROX. GPS 28 55 18 N, 093 05 56 W TO 27 24 49 N, 094 32 50 W IS PLOTTED IN ERROR AND SHOULD NOT BE ON CHART.. 1701131639-PERM

FDC 7/4149 FDC PART 1 OF 2 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-1, PANEL A-B, EFFECTIVE 05 JAN 2017... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1416H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE BEGINNING AT 434654N1263747W; TO 412323N1244551W; TO 404242N1240920W; TO 403743N1241841W; TO 411724N1245701W; TO 423556N1264503W; TO THE POINT OF BEGINNING. C-1418H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 FROM HOQUIAM, WA, TO THE INT OF THE HOQUIAM, WA, VORTAC 232 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR. C-1419H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING 1701131510-PERM END PART 1 OF 2

FDC 7/4149 FDC PART 2 OF 2 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE FL 450 FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR.. 1701131510-PERM END PART 2 OF 2

FDC 7/4134 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-33, PANEL B, EFFECTIVE 05 JAN 2017... CHANGE 283 BEARING TO 282 FOR AIRWAYS V58-93-167 OUT OF KINGSTON (IGN) VOR/DME.. 1701131455-PERM

FDC 7/4133 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-15, PANEL C, EFFECTIVE 05 JAN 2017... RADIAL MAKEUP FROM BURNS FLATS (BFV) VORTAC OK TO WIMIS INT, OK CHANGE FROM BFV R-029 TO R-032. 1701131447-PERM

FDC 7/4069 FDC PART 1 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-3, H, EFFECTIVE 05 JAN 2017... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1154H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED ON THE SOUTH BY A LINE EXTENDING FROM LAT. 38 01'33"N, LONG. 123 17'59"W; TO LAT. 38 00'00"N, LONG. 123 23'04"W; TO LAT. 37 50'00"N, LONG. 124 24'34"W; TO LAT. 37 29'55"N, LONG. 126 20'01"W; ON THE WEST BY THE OAKLAND OCEANIC CTA/FIR BOUNDARY; ON THE NORTH BY A LINE EXTENDING FROM LAT. 38 46'46"N, LONG. 126 40'08"W; TO LAT. 38 52'00"N, LONG. 125 52'34"W; TO LAT. 38 59'48"N, LONG. 123 59'55"W; AND ON THE EAST BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORELINE. C-1173H OFFSHORE AIRSPACE AREA BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. THAT AIRSPACE WEST OF SAN FRANCISCO, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE EXTENDING FROM LAT. 37 29' 55"N, LONG. 126 20'01"W; TO LAT. 37 50'00"N, LONG. 124 24'34"W; TO LAT. 38 00'00"N, LONG. 123 23'04"W; TO LAT. 38 01'33"N, LONG. 123 17'59"W; BOUNDED ON THE EAST BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORELINE; BOUNDED BY A LINE EXTENDING FROM LAT. 37 07'19"N, LONG. 122 38'13"W; TO LAT. 37 05'00"N, LONG. 122 43'04"W; TO LAT. 36 52'00"N, LONG. 123 10' 04"W; OCEANIC CTA/FIR BOUNDARY. 1701131309-PERM END PART 1 OF 3

FDC 7/4069 FDC PART 2 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE TO LAT. 36 20'00"N, LONG. 124 19'04"W; TO LAT. 35 35'26"N, LONG. 125 51'20"W; THENCE NORTH ALONG THE OAKLAND OCEANIC CTA/FIR BOUNDARY TO THE POINT OF BEGINNING. THE PORTION WITHIN W-513 IS EXCLUDED BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. BETWEEN THE HOURS OF 0800 AND 2000 PST, MONDAY-FRIDAY. C-1415H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN PARALLEL BOUNDARY LINES 4 MILES EACH SIDE OF THE FORTUNA, CA, VORTAC 270 RADIAL INCLUDING THE ADDITIONAL AIRSPACE WITHIN LINES DIVERGING AT ANGLES OF 4.5 DEGREES FROM THE CENTERLINE EXTENDING TO THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY. C-1416H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE BEGINNING AT LAT. 43 46'54"N, LONG. 126 37'47"W; TO LAT. 41

23°23'N, LONG. 124 45°51'W; TO LAT. 40 42°42'N, LONG. 124 09' BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY.. 20°W; TO LAT. 40 37°43'N, LONG. 124 18°41'W; TO LAT. 41 17°24'N, LONG. 124 57°01'W; TO LAT. 42 35°56'N, LONG. 126 45°03'W; TO THE POINT OF BEGINNING. C-1486H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE MENDOCINO, OCEANIC CTA/FIR BOUNDARY. 1701131309-PERM END PART 2 OF 3

FDC 7/4069 FDC PART 3 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CA, VORTAC 300 RADIAL AND THE ADDITIONAL AREA BETWEEN LINES DIVERGING AT ANGLES OF 5 DEGREES EITHER SIDE OF THE 300 RADIAL EXTENDING FROM THE VORTAC TO THE EASTERN BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY. 1701131309-PERM END PART 3 OF 3

FDC 7/4068 FDC PART 1 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-4, H,I, EFFECTIVE 05 JAN 2017... OFFSHORE AIRSPACE CONTROL LINES MISSING: C-1156H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE MISSION BAY, CA, VORTAC 262 RADIAL, INCLUDING THE ADDITIONAL AIRSPACE WITHIN LINES DIVERGING AT ANGLES OF 5 DEGREES FROM THE CENTERLINE AT THE VORTAC, EXTENDING FROM THE VORTAC TO ITS INTERSECTION WITH CONTROL 1177H. C-1173H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE WEST OF SAN FRANCISCO, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 BOUNDED BY A LINE EXTENDING FROM LAT. 37 29' 55"N, LONG. 126 20°01'W; TO LAT. 37 50°00'N, LONG. 124 24°34'W; TO LAT. CTA/FIR. 38 00°00'N, LONG. 123 23°04'W; TO LAT. 38 01°33'N, LONG. 123 17°59'W; BOUNDED ON THE EAST BY A LINE 12 MILES WEST OF AND PARALLEL TO THE SHORE- LINE; BOUNDED BY A LINE EXTENDING FROM LAT. 37 07°19'N, LONG. 122 38°13'W; TO LAT. 37 05°00'N, LONG. 122 43°04'W; TO LAT. 36 52°00'N, LONG. 123 10' 04'W; TO LAT. 36 20°00'N, LONG. 124 19°04'W; TO LAT. 35 35°26'N, LONG. 125 51°20'W; THENCE NORTH ALONG THE OAKLAND OCEANIC CTA/FIR BOUNDARY TO THE POINT OF BEGINNING. THE PORTION WITHIN W-513 IS EXCLUDED BETWEEN THE HOURS OF 0800 AND 2000 PST, TO THE OAKLAND OCEANIC CTA/FIR. 1701131307-PERM END PART 1 OF 3

FDC 7/4068 FDC PART 2 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE MONDAY- FRIDAY. C-1176H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FT MSL TO AND INCLUDING FL 450 WITHIN LINES 5 MILES EACH SIDE OF THE SAN MARCUS, CA, VORTAC 247 CTA/FIR.. RADIAL, INCLUDING THE ADDITIONAL AIRSPACE BETWEEN LINES BEGINNING ADJACENT TO THE VORTAC AND DIVERGING AT ANGLES OF 5 DEGREES FROM THE PARALLEL LINES, EXTENDING FROM THE VORTAC TO THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR BOUNDARY, EXCLUDING THE PORTION EAST OF LONG. 120 30°04'W. C-1177H OFFSHORE AIRSPACE AREA LOS ANGELES, CA DESCRIPTION: THAT AIRSPACE SOUTHWEST OF LOS ANGELES, CA, EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING, FL 450 BOUNDED BY A LINE BEGINNING AT LAT. 33 25°50'N, LONG. 118 28°53'W; TO LAT. 33 19°00'N, LONG. 118 21°48'W; TO LAT. 32 44°30'N, LONG. 119 07°03'W; TO LAT. 31 41°00'N, LONG. 120 15°03'W; TO LAT. 31 18°54'N, LONG. 121 10°59'W; TO LAT. 31 54°18'N, LONG. CTA/FIR.. 121 33' 12"W; TO LAT. 32 10°45'N, LONG. 120 16°18'W; TO LAT. 32 52°15'N, LONG. 119 12°33'W; TO THE POINT OF BEGINNING. C-1316H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING FL 450 WITHIN 4.3 MILES EACH SIDE OF THE LOS ANGELES, CA, VORTAC 264 RADIAL EXTENDING FROM THE VORTAC TO THE OAKLAND OCEANIC CTA/FIR TO THE OAKLAND OCEANIC CTA/FIR. 1701131307-PERM END PART 2 OF 3

FDC 7/4068 FDC PART 3 OF 3 CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE BOUNDARY AND BETWEEN LINES DIVERGING AT AN ANGLE OF 5 DEGREES FROM THE 264 RADIAL EXTENDING FROM THE LOS ANGELES VORTAC TO THE OAKLAND OCEANIC CTA/FIR BOUNDARY. C-1318H OFFSHORE AIRSPACE AREA DESCRIPTION: THAT AIRSPACE EXTENDING UPWARD FROM 18,000 FEET MSL TO AND INCLUDING CTA/FIR.. FL 450 WITHIN 4.3 MILES EACH SIDE OF THE LOS ANGELES, CA, VORTAC 249 RADIAL EXTENDING FROM THE VORTAC TO THE OAKLAND OCEANIC CTA/FIR AND BETWEEN LINES DIVERGING AT AN ANGLE OF 5 DEGREES FROM THE 249 RADIAL EXTENDING FROM THE LOS ANGELES VORTAC TO THE OAKLAND OCEANIC CTA/FIR. 1701131307-PERM END PART 3 OF 3

FDC 7/4064 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-3, E, EFFECTIVE 05 JAN 2017... ADD MTA V264 E TO V197 NW 11800 TO POMONA (POM) VORTAC. 1701131049-PERM

FDC 7/3971 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-14, PANEL F, EFFECTIVE 05 JAN 2017... CHANGE 018 RADIAL BEARING FROM DEERING (MIB) TACAN TO CONEI

REPORTING POINT FROM 018 TO 021. 1701122242-PERM

FDC 7/3950 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-6, PANEL E-H, EFFECTIVE 05 JAN 2017... INCORRECT U.S. ADIZ BOUNDARY FROM 332200N1080500W EXTENDING SOUTHEAST TO 314700N1023900W.. 1701122030-PERM

FDC 7/2272 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, H, EFFECTIVE 05 JAN 2017... ON V490 MISSING MEA BETWEEN REPORTING POINTS STRUM AND DUBIN SHOULD BE 5000.. 1701091754-PERM

FDC 7/1892 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-25, PANEL D, EFFECTIVE 05 JAN 2017... AT REPORTING POINT INGON, RADIAL MAKE UP FROM REENO (IN) LOM IS ERRONEOUSLY CHARTED AS 332. RADIAL BEARING SHOULD BE 152.. 1701061919-PERM

FDC 7/1821 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-28, PANEL I, EFFECTIVE 05 JAN 2017... ON V510 ADD COP 47 NM FROM VORTAC (MKG) MUSKEGON TO FIX GAYLE, MI. COP IS INCORRECTLY CHARTED SOUTH EAST OF GAYLE BETWEEN VORTAC (MKG) MUSKEGON AND FIX GAYLE, MI. 1701061729-PERM

FDC 7/1787 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-25, PANEL B, EFFECTIVE 05 JAN 2017... EDGE TYPE FOR V347 INCORRECTLY CHARTED AS SALTZ. EDGE TYPE SHOULD READ 116.1 LOZ 108.. 1701061627-PERM

FDC 7/1568 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL J, EFFECTIVE 05 JAN 2017... V314 BETWEEN SAINT JOHN (YSJ) VOR/DME AND GREENWOOD (UZJ) NDB IS DELETED.. 1701052253-PERM

FDC 7/1462 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-29, PANEL E, EFFECTIVE 05 JAN 2017... V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING SHOULD BE 151. CORRECTION PUBLISHED ON MARCH 02, 2017 EFFECTIVE DATE. 1701051918-PERM

FDC 7/1240 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-18, PANEL G, EFFECTIVE 05 JAN 2017... THE NAVAID INFORMATION LABEL FOR THE NAVAID (JKS) AT THE REPORTING POINT SULLY SHOULD BE SYMBOLIZED TO INDICATE THAT THE NAVAID IS SHUT DOWN.. 1701051641-PERM

FDC 7/1235 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-18, PANEL G, EFFECTIVE 05 JAN 2017... THE NAVAID INFORMATION LABEL FOR THE NAVAID (JKS) AT THE REPORTING POINT KERMI SHOULD BE SYMBOLIZED TO INDICATE THAT THE NAVAID IS SHUT DOWN.. 1701051638-PERM

FDC 7/1233 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-18, PANEL I, EFFECTIVE 05 JAN 2017... THE NAVAID INFORMATION LABEL FOR THE NAVAID (HCH) AT THE REPORTING POINT NELLO SHOULD BE SYMBOLIZED TO INDICATE THAT THE DME PORTION OF THE NAVAID IS SHUT DOWN.. 1701051633-PERM

FDC 7/1207 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-18, PANEL H, EFFECTIVE 05 JAN 2017... THE SYMBOL AND LABEL FOR CAMDEN MUNI (61A) AIRPORT SHOULD BE THE COLOR GREEN.. 1701051612-PERM

FDC 7/0998 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-22, PANEL J, EFFECTIVE 05 JAN 2017... MOULTRIE (MGR) DME CHANNEL IS INCORRECT AND THE FREQUENCY IS MISSING. THE CORRECT CHANNEL SHOULD BE 25X AND THE FREQUENCY SHOULD BE 108.80. A CORRECTION WILL BE PUBLISHED EFFECTIVE 02 MARCH 2017.. 1701051257-PERM

FDC 7/0667 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-34, PANEL F, EFFECTIVE 05 JAN 2017... V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING SHOULD BE 151. CORRECTION WILL BE PUBLISHED ON MARCH 02, 2017 EFFECTIVE DATE.. 1701041706-PERM

FDC 7/0666 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-36, PANEL J, EFFECTIVE 05 JAN 2017... V268 WESTMINSTER (EMI) VORTAC TO BALTIMORE (BAL) VORTAC BEARING

SHOULD BE 151. CORRECTION WILL BE PUBLISHED ON MARCH 02, 2017 EFFECTIVE DATE.. 1701041704-PERM

FDC 7/0243 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-17, PANEL B, EFFECTIVE 05 JAN 2017... NUGEN REPORTING POINT: CHANGE INBOUND BEARING TO TOMHI (AB) NDB FROM 180 TO 174.. 1701031613-PERM

FDC 7/0238 FDC CHART CORRECT U.S. GOVERNMENT IFR AREA CHART A1 - ST LOUIS, EFFECTIVE 05 JAN 2017... PRAYS REPORTING POINT: ADD 006 FACILITY MAKE-UP OUT OF TROY (TOY) VORTAC. 1701031546-PERM

FDC 7/0198 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-14, PANEL J, EFFECTIVE 05 JAN 2017... STEVENS POINT (STE) VORTAC IS IN SHUTDOWN STATUS.. 1701031403-PERM

FDC 6/5780 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL F, EFFECTIVE 05 JAN 2017... ON V14, BETWEEN VORTAC GEORGETOWN (GGT) AND VORTAC ALBANY (ALB) BEARING 284 SHOULD BE 102.. 1612302101-PERM

FDC 6/5772 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL F, EFFECTIVE 05 JAN 2017... ON V428 BETWEEN ITHACA VOR/DME (ITH) AND ELMIRA VOR/DME (ULM). CHANGE BEARING FROM 237 TO 236. 1612302043-PERM

FDC 6/5756 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON V348 BETWEEN NDB MANIWAKI (YMW) AND NDB NORTH BAY (YYB) CHANGE BEARING FROM 108 TO 109.. 1612302014-PERM

FDC 6/5735 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON L32, V487 CHANGE BEARING BETWEEN NDB MANIWAKI (YMW) AND VOR/DME MONTREAL (YUL) FROM 309 TO 306.. 1612301955-PERM

FDC 6/5726 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL, EFFECTIVE 05 JAN 2017... ON V487, CHANGE BEARING BETWEEN NDB MANIWAKI (YMW) AND NDB VAL-D'OR (YVO) FROM 161 TO 162.. 1612301940-PERM

FDC 6/5725 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE LOW ALTITUDE CHART L-32, PANEL G, EFFECTIVE 05 JAN 2017... ON B7 BETWEEN NDB MANIWAKI (YMW) AND NDB ROUYN (YUY), CHANGE BEARING FROM 146 TO 149.. 1612301929-PERM

FDC 6/5293 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL I, J, EFFECTIVE 05 JAN 2017... RESTORE NORTON SOUND HIGH CONTROL. AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING.. 1612281617- PERM

FDC 6/5292 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL J, K, EFFECTIVE 05 JAN 2017... RESTORE WOODY ISLAND HIGH CONTROL. AREA BOUNDED BY A LINE BEGINNING AT LAT. 53 30 00 N., LONG. 160 00 00 W.; TO LAT. 56 00 00 N., LONG. 153 00 00 W.; TO LAT. 56 45 42 N., LONG. 151 45 00 W.; TO LAT. 58 19 58 N., LONG. 148 55 07 W.; TO LAT. 59 08 34 N., LONG. 147 16 06 W.; THENCE CLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CIRCLE CENTERED ON THE ANCHORAGE, AK, VOR/DME TO A POINT 12 MILES OFFSHORE; THENCE SOUTHWEST BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO A POINT 12 MILES OFFSHORE AT LONG. 160 00 00W.; TO THE POINT OF BEGINNING.. 1612281613- PERM

FDC 6/5290 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL K, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1487H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W;

TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 1612281607-PERM

FDC 6/5289 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH2, PANEL G, H, I, J, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1234H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58 06'57"N, LONG. 160 00'00"W; SOUTH ALONG LONG. 160 00'00"W UNTIL IT INTERSECTS THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY; THENCE SOUTHWEST, NORTHWEST, NORTH, AND NORTHEAST ALONG THE ANCHORAGE AIR ROUTE TRAFFIC CONTROL CENTER BOUNDARY TO LAT. 62 35'00"N, LONG. 175 00'00"W; TO LAT. 59 59'57"N, LONG. 168 00'08"W; TO LAT. 57 45'57"N, LONG. 161 46'08"W; TO THE POINT OF BEGINNING.. 1612281603-PERM

FDC 6/5288 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL C, D, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1487H BOUNDARY. THAT AIRSPACE BOUNDED BY A LINE BEGINNING AT LAT. 58 19'58"N, LONG. 148 55'07"W; TO LAT. 59 08'34"N, LONG. 147 16'06"W; THENCE COUNTERCLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CENTERED ON THE ANCHORAGE VOR/DME TO THE INTERSECTION OF THE 149.5-MILE RADIUS ARC AND A POINT 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE; THENCE SOUTHEAST 12 MILES FROM AND PARALLEL TO THE U.S. COASTLINE TO A POINT 12 MILES OFFSHORE ON THE VANCOUVER FIR BOUNDARY; TO LAT. 54 14'00"N, LONG. 134 57'00"W; TO LAT. 54 00'00"N, LONG. 136 00'00"W; TO LAT. 52 43'00"N, LONG. 135 00'00"W; TO LAT. 56 45'42"N, LONG. 151 45'00"W; TO THE POINT OF BEGINNING. THE PORTION WITHIN CANADA IS EXCLUDED.. 1612281554-PERM

FDC 6/5287 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART H-4, I, EFFECTIVE 05 JAN 2017... DELETE TEXT, CONTROL 1177H TO AND INCLUDING FL450, LOCATED NORTHWEST OF N32 DEGREES W118 DEGREES. 1612281549-PERM

FDC 6/5272 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL E, EFFECTIVE 05 JAN 2017... AK H-1 AND SEATTLE INSET. THAT AIRSPACE EXTENDING FROM NEWPORT, OR, TO THE INT OF THE NEWPORT, OR, VORTAC 237 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR.. 1612281546-PERM

FDC 6/5265 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL D, E, EFFECTIVE 05 JAN 2017... RESTORE BOUNDARY FOR CONTROL 1418H ON AK H-1 (PANEL E) AND SEATTLE INSET (PANEL D). THAT AIRSPACE FROM HOQUIAM, WA, TO THE INT OF THE HOQUIAM, WA, VORTAC 232 RADIAL AND THE EAST BOUNDARY OF THE OAKLAND OCEANIC CTA/FIR.. 1612281542-PERM

FDC 6/5263 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL A, EFFECTIVE 05 JAN 2017... ADD NORTON SOUND HIGH CONTROL BOUNDARY. AREA BOUNDED BY A LINE BEGINNING AT LAT. 59 59 57N., LONG. 168 00 08W.; TO LAT. 62 35 00N., LONG. 175 00 00W.; TO LAT. 65 00 00N., LONG. 168 58 23W.; TO LAT. 68 00 00N., LONG. 168 58 23W.; TO A POINT 12 MILES OFFSHORE AT LAT. 68 00 00N.; THENCE BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO LAT. 56 42 59N., LONG. 160 00 00W.; TO LAT. 58 06 57N., LONG. 160 00 00W.; TO LAT. 57 45 57N., LONG. 161 46 08W.; TO THE POINT OF BEGINNING.. 1612281531-PERM

FDC 6/5262 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL B, C, EFFECTIVE 05 JAN 2017... RESTORE WOODY ISLAND HIGH CONTROL BOUNDARY. AREA BOUNDED BY A LINE BEGINNING AT LAT. 53 30 00 N., LONG. 160 00 00 W.; TO LAT. 56 00 00 N., LONG. 153 00 00 W.; TO LAT. 56 45 42 N., LONG. 151 45 00 W.; TO LAT. 58 19 58 N., LONG. 148 55 07 W.; TO LAT. 59 08 34 N., LONG. 147 16 06 W.; THENCE CLOCKWISE VIA THE ARC OF A 149.5-MILE RADIUS CIRCLE CENTERED ON THE ANCHORAGE, AK, VOR/DME TO A POINT 12 MILES OFFSHORE; THENCE SOUTHWEST BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO A POINT 12 MILES OFFSHORE AT LONG. 160 00 00W.; TO THE POINT OF BEGINNING.. 1612281530-PERM

FDC 6/5256 FDC CHART CORRECT U.S. GOVERNMENT IFR ENROUTE HIGH ALTITUDE CHART AKH1, PANEL A, EFFECTIVE 05 JAN 2017... RESTORE CONTROL 1485H AREA BOUNDARY. BOUNDED BY A LINE BEGINNING AT A POINT 12 MILES OFFSHORE AT LAT. 68[DEG]00'00" N.; TO LAT. 68[DEG]00'00" N., LONG. 168[DEG]58'23" W.; TO LAT. 72[DEG]00'00" N., LONG. 158[DEG]00'00" W.; TO LAT. 72[DEG]00'00" N., LONG. 144[DEG]00'11" W.; TO LAT. 75[DEG]00'00" N., LONG. 141[DEG]00'00" W.; TO A POINT 12 MILES OFFSHORE AT LONG. 141[DEG]00'00" W.; THENCE WESTWARD BY A LINE 12 MILES FROM AND PARALLEL TO THE SHORELINE TO THE POINT OF BEGINNING.. 1612281516-PERM

FDC 6/5124 FDC CHART CORRECT U.S. GOVERNMENT CINCINNATI VFR SECTIONAL AERONAUTICAL CHART, 97TH EDITION, EFFECTIVE 08 DEC 2016... REVISE AIRPORT IDENTIFIER FROM 031 TO 03I AT CLARKS DREAM STRIP LOCATED AT 39 38 37N, 83 01 02W.. 1612272027-PERM

FDC 6/6429 FDC CHART CORRECT U.S. GOVERNMENT VFR LOS ANGELES TERMINAL AREA CHART (TAC)/FLYWAY, 74TH EDITION, EFFECTIVE 08 DEC 2016... ON VAN NUYS (VNY) ILS CAUTION NOTE, LOCATED AT 34 21N, 118 36W, CHANGE ALTITUDE 4300 FT TO 3800 FT FOR THE LOS ANGELES TERMINAL AREA AND VFR FLYWAY PLANNING CHARTS.. 1612051953-PERM

FDC 6/5307 FDC SPECIAL NOTICE. FOR THE TAKEOFF AND LANDING PERFORMANCE ASSESSMENT (TALPA) EFFECTIVE OCTOBER 1, 2016, TALPA RELATED CHANGES TO THE AIM AND THE AIP WILL APPEAR IN NOTICES LOCATED ON THE TALPA WEBSITE AT [HTTP://WWW.FAA.GOV/ABOUT/INITIATIVES/TALPA/](http://www.faa.gov/about/initiatives/talpa/). THE CHANGES WILL BE MADE TO THESE DOCUMENTS IN SPRING OF 2017. 1609201630-PERM

FDC 6/9850 FDC ROUTE ZID ZMP ZAU ZOB. V177 MADISON (MSN) VORTAC, WI TO STEVENS POINT (STE) VORTAC, WI MEA 3000. 1608082038-1703202038EST

FDC 6/9640 FDC CHART CORRECT U.S. GOVERNMENT CHEYENNE VFR SECTIONAL AERONAUTICAL CHART, 94TH EDITION, EFFECTIVE 21 JUL 2016... CHANGE NOTE FOR CLASS D AND E EFFECTIVE HOURS PREDICATED ON CASPER/NATRONA CO INTL (CPR), CASPER, WYOMING LOCATED AT 42 54 21N, 106 27 49W TO READ "SEE NOTAMS/SUPPLEMENT FOR CLASS D/E (SFC) EFF HRS".. 1607211424-PERM

FDC 6/8818 FDC ...SPECIAL NOTICE...IN THE INTEREST OF NATIONAL SECURITY AND TO THE EXTENT PRACTICABLE, PILOTS AND UAS OPERATORS ARE STRONGLY ADVISED TO AVOID THE AIRSPACE ABOVE OR IN CLOSE PROXIMITY TO CRITICAL INFRASTRUCTURE AND OTHER SENSITIVE LOCATIONS SUCH AS POWER PLANTS (NUCLEAR, HYDRO-ELECTRIC, OR COAL), DAMS, REFINERIES, INDUSTRIAL COMPLEXES, MILITARY FACILITIES, CORRECTIONAL AND LAW ENFORCEMENT FACILITIES UNLESS OTHERWISE AUTHORIZED. PILOTS AND UAS OPERATORS SHOULD NOT CIRCLE AS TO LOITER IN THE VICINITY OVER THESE TYPES OF FACILITIES. 1603231538-PERM

FDC 6/4260 ZZZ PART 1 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING UNITED STATES (U.S.) TERRITORIAL AIRSPACE. THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR FOREIGN STATE AIRCRAFT OPERATIONS TO, FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5806 (A0054/15). IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, FOREIGN STATE AIRCRAFT OPERATIONS MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. STATE AIRCRAFT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE A. FOREIGN STATE AIRCRAFT MAY OPERATE TO OR FROM, WITHIN, OR IN TRANSIT OF THE TERRITORIAL AIRSPACE OF THE U.S. ONLY WHEN AUTHORIZED BY THE SECRETARY OF STATE BY MEANS OF A DIPLOMATIC CLEARANCE, EXCEPT 1601160030-PERM END PART 1 OF 6

FDC 6/4260 ZZZ PART 2 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN AS DESCRIBED IN PARAGRAPH B OF PART I OF THIS NOTAM. DIPLOMATIC CLEARANCES MAY BE REQUESTED BY CONTACTING THE U.S. DEPARTMENT OF STATE POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 1) A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION FOR STATE AIRCRAFT OPERATIONS OF SPECIAL INTEREST COUNTRIES LISTED IN PART IV, PARAGRAPH E, OF THIS NOTAM IS REQUIRED BEFORE THE U.S. STATE DEPARTMENT WILL ISSUE A DIPLOMATIC CLEARANCE FOR SUCH OPERATIONS. FOREIGN GOVERNMENTS OF SPECIAL INTEREST COUNTRIES MUST REQUEST FAA ROUTING AUTHORIZATIONS BY CONTACTING THE FAA POINT OF CONTACT LISTED IN PART II OF THIS NOTAM. 2) FOREIGN STATE AIRCRAFT OPERATIONS MUST NAVIGATE U.S. TERRITORIAL AIRSPACE ON AN ACTIVE IFR FLIGHT PLAN, UNLESS SPECIFICALLY APPROVED FOR VFR FLIGHT OPERATIONS BY THE U.S. DEPARTMENT OF STATE IN THE DIPLOMATIC CLEARANCE. 3) A FOREIGN AIRCRAFT THAT OPERATES TO OR FROM, WITHIN, OR IN TRANSIT OF U.S. TERRITORIAL AIRSPACE WHILE CONDUCTING A STATE AIRCRAFT OPERATION IS NOT AUTHORIZED TO CHANGE ITS STATUS AS A STATE AIRCRAFT DURING ANY PORTION OF THE APPROVED, DIPLOMATICALLY CLEARED ITINERARY. 1601160030-PERM END PART 2 OF 6

FDC 6/4260 ZZZ PART 3 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN 4) A FOREIGN AIRCRAFT DESCRIBED IN SUBPARAGRAPH A.3 MAY OPERATE FROM OR WITHIN U.S. TERRITORIAL AIRSPACE AS A CIVIL AIRCRAFT OPERATION, ONCE IT HAS COMPLETED ITS APPROVED, DIPLOMATICALLY CLEARED ITINERARY, IF THE OPERATOR IS: A FOREIGN AIR CARRIER THAT HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS; AND IS IN COMPLIANCE WITH ALL OTHER REQUIREMENTS APPLIED TO FOREIGN CIVIL AIRCRAFT OPERATIONS FROM OR WITHIN U.S. TERRITORIAL AIRSPACE. 5) FOREIGN STATE AIRCRAFT OPERATIONS ARE NOT AUTHORIZED TO OR FROM RONALD REAGAN WASHINGTON NATIONAL AIRPORT (KDCA). B. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF THEIR RESPECTIVE BORDERS WITH THE UNITED STATES, WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATC ASSIGNED TRANSPONDER CODE. STATE AIRCRAFT OPERATIONS ON BEHALF OF THE GOVERNMENTS OF CANADA AND MEXICO CONDUCTED UNDER THIS PARAGRAPH B OF PART I ARE NOT REQUIRED TO OBTAIN A DIPLOMATIC CLEARANCE FROM THE U.S. DEPARTMENT OF STATE. 1601160030-PERM END PART 3 OF 6

FDC 6/4260 ZZZ PART 4 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN PART II. U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCE AND FAA ROUTING AUTHORIZATION INFORMATION A. INFORMATION ABOUT U.S. STATE DEPARTMENT DIPLOMATIC CLEARANCES FOR FOREIGN STATE AIRCRAFT FLIGHTS OPERATING TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE AT: [HTTP://WWW.STATE.GOV/T/PM/ISO/C56895.HTM](http://www.state.gov/t/pm/iso/c56895.htm) (LOWER CASE ONLY) OR BY CONTACTING THE U.S. STATE DEPARTMENT AT 202-736-7158, OR AFTER HOURS AT 202-647-9000. B. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS TO OR FROM, WITHIN, OR TRANSITING U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 202-267-8115. PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE 1601160030-PERM END PART 4 OF 6

FDC 6/4260 ZZZ PART 5 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE 1601160030-PERM END PART 5 OF 6

FDC 6/4260 ZZZ PART 6 OF 6 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR FOREIGN U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S. D. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES OR POSSESSIONS, WHICH OPERATES TO A LOCATION INSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. E. THE U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 1601160030-PERM END PART 6 OF 6

FDC 6/4256 ZZZ PART 1 OF 5 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO AND FROM THE U.S. ARE IN

EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99 (SECURITY CONTROL OF AIR TRAFFIC). THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/5782 (A0053/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS TO OR FROM THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT AS DESCRIBED IN PART I, PARAGRAPH B, ARE AUTHORIZED TO OPERATE TO OR FROM THE TERRITORIAL AIRSPACE OF THE 1601160030-PERM END PART 1 OF 5

FDC 6/4256 ZZZ PART 2 OF 5 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR,VFR, OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4) COMPLY WITH ALL APPLICABLE U.S. CUSTOMS AND BORDER PROTECTION (CBP) REQUIREMENTS, INCLUDING ADVANCE PASSENGER INFORMATION SYSTEM (APIS) REQUIREMENTS, IN 19 CFR PART 122; AND 5) ARE IN RECEIPT OF A FEDERAL AVIATION ADMINISTRATION (FAA) ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. VFR AND DVFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S 1601160030-PERM END PART 2 OF 5

FDC 6/4256 ZZZ PART 3 OF 5 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL TRANSPONDER, AND/OR THE ABILITY TO MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO OPERATE TO OR FROM U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) DEPART AND LAND AT AN AIRPORT WITHIN THE U.S. OR CANADA; 2) ENTER OR EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTY-FOURTH PARALLEL; 3) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; 4) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER; AND 5) COMPLY WITH ALL APPLICABLE U.S. CBP REQUIREMENTS, INCLUDING APIS REQUIREMENTS, IN 19 CFR PART 122. PART II. FAA ROUTING AUTHORIZATION AND CBP APIS INFORMATION. A. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 202-267-8115. B. INFORMATION ABOUT U.S. CBP APIS REQUIREMENTS IS AVAILABLE AT 1601160030-PERM END PART 3 OF 5

FDC 6/4256 ZZZ PART 4 OF 5 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL [HTTP://WWW.CBP.GOV](http://www.cbp.gov) PART III. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. PART IV. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED 1601160030-PERM END PART 4 OF 5

FDC 6/4256 ZZZ PART 5 OF 5 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. TO OR FROM MEANS ANY FLIGHT THAT: 1) ENTERS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES

OR POSSESSIONS, FOR LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES OR POSSESSIONS; OR 2) EXITS U.S. TERRITORIAL AIRSPACE AFTER DEPARTURE FROM A LOCATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS, AND LANDS AT A DESTINATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS. C. THE U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 1601160030-PERM END PART 5 OF 5

FDC 6/4255 ZZZ PART 1 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE UNITED STATES (U.S.). THE FOLLOWING SPECIAL SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE ARE IN EFFECT PURSUANT TO 14 CODE OF FEDERAL REGULATIONS (CFR) 99.7, SPECIAL SECURITY INSTRUCTIONS, AND 49 USC 40103 AND 41703, IN ADDITION TO THE REQUIREMENTS PRESCRIBED IN 14 CFR PART 99, SECURITY CONTROL OF AIR TRAFFIC. THE REQUIREMENTS IN THIS NOTAM SUPERSEDE THE REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING U.S. TERRITORIAL AIRSPACE FORMERLY PUBLISHED IN FDC NOTAM 5/6289 (A0056/15). SECURITY REQUIREMENTS FOR CIVIL AIRCRAFT OPERATIONS TO OR FROM U.S. TERRITORIAL AIRSPACE ARE PROVIDED IN A SEPARATE NOTAM. IN ADDITION TO THE REQUIREMENTS OF THIS NOTAM, CIVIL AIRCRAFT OPERATIONS WITHIN OR TRANSITING THE TERRITORIAL AIRSPACE OF THE U.S. MUST COMPLY WITH ALL OTHER APPLICABLE REGULATIONS PUBLISHED IN TITLE 14 CFR. PART I. CIVIL AIRCRAFT OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO 1601160030-PERM END PART 1 OF 10

FDC 6/4255 ZZZ PART 2 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS AND VFR IN AIRPORT TRAFFIC PATTERN AREAS OF UNITED STATES AIRPORTS NEAR THE UNITED STATES BORDER WITH THE EXCEPTION DESCRIBED IN PART I, PARAGRAPH B. B. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT LESS THAN OR EQUAL TO 100,309 POUNDS (45,500 KGS) AND REGISTERED IN A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY OR OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FEDERAL AVIATION ADMINISTRATION (FAA) PART 129 OPERATIONS SPECIFICATIONS, MUST OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IN ACCORDANCE WITH THE SAME REQUIREMENTS AS CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS), AS DESCRIBED IN PART I, PARAGRAPH C. C. CIVIL AIRCRAFT WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) ARE AUTHORIZED TO OPERATE WITHIN THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1601160030-PERM END PART 2 OF 10

FDC 6/4255 ZZZ PART 3 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR VFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER, AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4) AIRCRAFT NOT REGISTERED IN THE U.S. MUST OPERATE UNDER AN APPROVED TRANSPORTATION SECURITY ADMINISTRATION (TSA) AVIATION SECURITY PROGRAM OR IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER; 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION AND AN FAA/TSA AIRSPACE WAIVER IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR OPERATIONS WITHIN U.S. TERRITORIAL AIRSPACE BY AIRCRAFT DESCRIBED IN THIS SUBPARAGRAPH C.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. VFR FLIGHT OPERATIONS ARE PROHIBITED WITHIN U.S. TERRITORIAL AIRSPACE FOR ANY AIRCRAFT REQUIRING AN FAA ROUTING AUTHORIZATION; AND 6) AIRCRAFT NOT REGISTERED IN THE U.S. WHEN CONDUCTING 1601160030-PERM END PART 3 OF 10

FDC 6/4255 ZZZ PART 4 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL POST-MAINTENANCE, MANUFACTURER, PRODUCTION, OR ACCEPTANCE FLIGHT TEST OPERATIONS, MUST MEET ALL OF THE FOLLOWING REQUIREMENTS: A) A U.S. COMPANY MUST HAVE OPERATIONAL CONTROL OF THE AIRCRAFT; B) AN FAA-CERTIFICATED PILOT MUST SERVE AS PILOT IN COMMAND; C) ONLY CREWMEMBERS ARE PERMITTED ONBOARD THE AIRCRAFT; AND D) MAINTENANCE FLIGHT IS

INCLUDED IN THE REMARKS SECTION OF THE FLIGHT PLAN. PART II. CIVIL AIRCRAFT OPERATIONS THAT TRANSIT U.S. TERRITORIAL AIRSPACE A. CIVIL AIRCRAFT, EXCEPT THOSE OPERATING IN ACCORDANCE WITH PARAGRAPHS B, C, D, OR E OF THIS PART II, ARE AUTHORIZED TO TRANSIT THE TERRITORIAL AIRSPACE OF THE U.S. IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR OR DVFR); 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; 3) MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC; 4) ARE OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR ARE OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. 1601160030-PERM END PART 4 OF 10

FDC 6/4255 ZZZ PART 5 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL WAIVER, IF: (A) THE AIRCRAFT IS NOT REGISTERED IN THE U.S.; OR (B) THE AIRCRAFT IS REGISTERED IN THE U.S. AND ITS MAXIMUM TAKEOFF GROSS WEIGHT IS GREATER THAN 100,309 POUNDS (45,500 KGS); 5) ARE IN RECEIPT OF AND ARE OPERATING IN ACCORDANCE WITH AN FAA ROUTING AUTHORIZATION IF THE AIRCRAFT IS REGISTERED IN A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY OR IS OPERATING WITH THE ICAO THREE LETTER DESIGNATOR OF A COMPANY IN A COUNTRY LISTED AS A U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY, UNLESS THE OPERATOR HOLDS VALID FAA PART 129 OPERATIONS SPECIFICATIONS. FAA ROUTING AUTHORIZATION FOR TRANSIT OF U.S. TERRITORIAL AIRSPACE BY AIRCRAFT SUBJECT TO THIS PART II, SUBPARAGRAPH A.5 WILL ONLY BE GRANTED FOR IFR OPERATIONS. DVFR AND VFR FLIGHT OPERATIONS ARE PROHIBITED FOR ANY AIRCRAFT TRANSITING U.S. TERRITORIAL AIRSPACE REQUIRING AN FAA ROUTING AUTHORIZATION. B. CIVIL AIRCRAFT REGISTERED IN CANADA OR MEXICO, AND ENGAGED IN OPERATIONS FOR THE PURPOSES OF AIR AMBULANCE, FIRE FIGHTING, LAW ENFORCEMENT, SEARCH AND RESCUE, OR EMERGENCY EVACUATION ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE WITHIN 50 NM OF 1601160030-PERM END PART 5 OF 10

FDC 6/4255 ZZZ PART 6 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL THEIR RESPECTIVE BORDERS WITH THE U.S., WITH OR WITHOUT AN ACTIVE FLIGHT PLAN, PROVIDED THEY HAVE RECEIVED AND CONTINUOUSLY TRANSMIT AN ATC-ASSIGNED TRANSPONDER CODE. C. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, CAYMAN ISLANDS, OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) FILE AND ARE ON AN ACTIVE FLIGHT PLAN (IFR, VFR, OR DVFR) THAT ENTERS U.S. TERRITORIAL AIRSPACE DIRECTLY FROM ANY OF THE COUNTRIES LISTED IN PART II, PARAGRAPH C. FLIGHTS THAT INCLUDE A STOP IN A NON-LISTED COUNTRY PRIOR TO ENTERING U.S. TERRITORIAL AIRSPACE MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. 2) ARE EQUIPPED WITH AN OPERATIONAL MODE C OR S TRANSPONDER AND CONTINUOUSLY SQUAWK AN ATC ASSIGNED TRANSPONDER CODE; AND 3) MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC. D. CIVIL AIRCRAFT REGISTERED IN CANADA, MEXICO, BAHAMAS, BERMUDA, 1601160030-PERM END PART 6 OF 10

FDC 6/4255 ZZZ PART 7 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL CAYMAN ISLANDS, OR THE BRITISH VIRGIN ISLANDS WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT GREATER THAN 100,309 POUNDS (45,500 KGS) MUST COMPLY WITH THE REQUIREMENTS PRESCRIBED BY PART II, PARAGRAPH A, INCLUDING OPERATING UNDER AN APPROVED TSA AVIATION SECURITY PROGRAM OR OPERATING WITH AND IN ACCORDANCE WITH AN FAA/TSA AIRSPACE WAIVER. E. CIVIL AIRCRAFT REGISTERED IN THE U.S., CANADA, OR MEXICO WITH A MAXIMUM CERTIFICATED TAKEOFF GROSS WEIGHT OF 100,309 POUNDS (45,500 KGS) OR LESS THAT ARE OPERATING WITHOUT AN OPERATIONAL MODE C OR S TRANSPONDER AND/OR THE ABILITY TO MAINTAIN TWO-WAY COMMUNICATIONS WITH ATC, ARE AUTHORIZED TO TRANSIT U.S. TERRITORIAL AIRSPACE OVER ALASKA IF IN COMPLIANCE WITH ALL OF THE FOLLOWING CONDITIONS: 1) ENTER AND EXIT U.S. TERRITORIAL AIRSPACE OVER ALASKA NORTH OF THE FIFTY-FOURTH PARALLEL; 2) FILE AND ARE ON AN ACTIVE FLIGHT PLAN; AND 3) SQUAWK 1200 IF VFR AND EQUIPPED WITH A TRANSPONDER. PART III. FAA/TSA AIRSPACE WAIVER, TSA AVIATION SECURITY PROGRAM, AND FAA ROUTING AUTHORIZATION INFORMATION. A. FAA/TSA AIRSPACE WAIVERS 1601160030- PERM END PART 7 OF 10

FDC 6/4255 ZZZ PART 8 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL 1) OPERATORS MAY SUBMIT REQUESTS FOR FAA/TSA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov) BY SELECTING INTERNATIONAL AS THE WAIVER TYPE. 2) INFORMATION REGARDING FAA/TSA AIRSPACE WAIVERS CAN BE FOUND AT: [HTTP://WWW.TSA.GOV/FOR-INDUSTRY/GENERAL-AVIATION](http://www.tsa.gov/for-industry/general-aviation) OR CAN BE OBTAINED BY CONTACTING TSA AT 571-227-2071. 3) ALL EXISTING FAA/TSA WAIVERS ISSUED UNDER PREVIOUS FDC

NOTAMS REMAIN VALID UNTIL THE EXPIRATION DATE SPECIFIED IN THE WAIVER, UNLESS SOONER SUPERSEDED OR RESCINDED. B. TSA AVIATION SECURITY PROGRAMS 1) CONTACTS FOR INFORMATION REGARDING TSA AVIATION SECURITY PROGRAMS FOR APPLICANTS FOR U.S. AIR OPERATOR CERTIFICATES WILL BE PROVIDED BY THE U.S. DEPARTMENT OF TRANSPORTATION DURING THE CERTIFICATION PROCESS. 2) FOR INFORMATION ABOUT APPLICABLE TSA SECURITY PROGRAMS, U.S. AIR CARRIERS AND COMMERCIAL OPERATORS MUST CONTACT THEIR TSA PRINCIPAL SECURITY SPECIALIST (PSS), AND FOREIGN AIR CARRIERS MUST CONTACT THEIR INTERNATIONAL INDUSTRY REPRESENTATIVE (IIR). C. INFORMATION ABOUT FAA ROUTING AUTHORIZATIONS FOR U.S. STATE 1601160030-PERM END PART 8 OF 10

FDC 6/4255 ZZZ PART 9 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRY FLIGHT OPERATIONS IN U.S. TERRITORIAL AIRSPACE IS AVAILABLE BY COUNTRY AT: [HTTP://WWW.FAA.GOV/AIR_TRAFFIC/PUBLICATIONS/US_RESTRICTIONS/](http://www.faa.gov/air_traffic/publications/us_restrictions/) OR BY CONTACTING THE FAA SYSTEM OPERATIONS SUPPORT CENTER (SOSC) AT 202-267-8115. PART IV. SPECIAL EMPHASIS A. PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE AT MANY AREAS. IN ACCORDANCE WITH 14 CFR 91.103, PRIOR TO DEPARTURE, PILOTS MUST BECOME FAMILIAR WITH ALL AVAILABLE INFORMATION CONCERNING THAT FLIGHT, INCLUDING ANY TEMPORARY FLIGHT RESTRICTIONS ALONG THEIR ROUTE OF FLIGHT OR AT THEIR POINT OF DEPARTURE/ARRIVAL. B. NONCOMPLIANCE WITH THESE SPECIAL SECURITY REQUIREMENTS MAY RESULT IN DENIAL OF FLIGHT ENTRY INTO U.S. TERRITORIAL AIRSPACE OR GROUND STOP OF THE FLIGHT AT A U.S. AIRPORT. C. PILOTS OF AIRCRAFT THAT DO NOT ADHERE TO THE PROCEDURES IN THE SPECIAL SECURITY REQUIREMENTS CONTAINED IN THIS NOTAM MAY BE INTERCEPTED, AND/OR DETAINED AND INTERVIEWED BY FEDERAL, STATE, OR LOCAL LAW ENFORCEMENT, OR OTHER GOVERNMENT PERSONNEL. 1601160030-PERM END PART 9 OF 10

FDC 6/4255 ZZZ PART 10 OF 10 SECURITY...SPECIAL SECURITY INSTRUCTIONS FOR CIVIL PART V. DEFINITIONS A. AS USED IN THIS NOTAM, THE TERM U.S. TERRITORIAL AIRSPACE MEANS THE AIRSPACE OVER THE UNITED STATES, ITS TERRITORIES, AND POSSESSIONS, AND THE AIRSPACE OVER THE TERRITORIAL SEA OF THE UNITED STATES, WHICH EXTENDS 12 NAUTICAL MILES FROM THE BASELINES OF THE UNITED STATES DETERMINED IN ACCORDANCE WITH INTERNATIONAL LAW. B. WITHIN MEANS ANY FLIGHT DEPARTING FROM A LOCATION INSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES ENROUTE TO A LOCATION INSIDE THE U.S., ITS TERRITORIES, OR POSSESSIONS. C. TRANSIT MEANS ANY FLIGHT DEPARTING FROM A LOCATION OUTSIDE OF THE U.S., ITS TERRITORIES, OR POSSESSIONS, WHICH OPERATES IN U.S. TERRITORIAL AIRSPACE ENROUTE TO A LOCATION OUTSIDE THE U.S., ITS TERRITORIES OR POSSESSIONS WITHOUT LANDING AT A DESTINATION IN THE U.S., ITS TERRITORIES, OR POSSESSIONS. D. THE U.S. STATE DEPARTMENT-DESIGNATED SPECIAL INTEREST COUNTRIES ARE CUBA, IRAN, THE DEMOCRATIC PEOPLES REPUBLIC OF KOREA (NORTH KOREA), THE PEOPLE'S REPUBLIC OF CHINA, THE RUSSIAN FEDERATION, SUDAN, AND SYRIA. 1601160030-PERM END PART 10 OF 10

FDC 4/3621 FDC PART 1 OF 3 SPECIAL SECURITY NOTICE SPORTING EVENTS. THIS NOTAM REPLACES FDC NOTAM 9/5151 TO REFLECT A TRANSPORTATION SECURITY ADMINISTRATION (TSA) WEBSITE UPDATE AND ADDITIONAL INFORMATION CONCERNING AIRSPACE WAIVERS. FLIGHT RESTRICTIONS IN THIS NOTAM COMPLY WITH STATUTORY MANDATES DETAILED IN SECTION 352 OF PUBLIC LAW 108-7 AS AMENDED BY SECTION 521 OF PUBLIC LAW 108-199. PURSUANT TO 49 USC 40103(B), THE FEDERAL AVIATION ADMINISTRATION (FAA) CLASSIFIES THE AIRSPACE DEFINED IN THIS NOTAM AS 'NATIONAL DEFENSE AIRSPACE'. ANY PERSON WHO KNOWINGLY OR WILLFULLY VIOLATES THE RULES PERTAINING TO OPERATIONS IN THIS AIRSPACE MAY BE SUBJECT TO CERTAIN CRIMINAL PENALTIES UNDER 49 USC 46307. PILOTS WHO DO NOT ADHERE TO THE FOLLOWING PROCEDURES MAY BE INTERCEPTED, DETAINED AND INTERVIEWED BY LAW ENFORCEMENT/SECURITY PERSONNEL. PURSUANT TO 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS, COMMENCING ONE HOUR BEFORE THE SCHEDULED TIME OF THE EVENT UNTIL ONE HOUR AFTER THE END OF THE EVENT. ALL AIRCRAFT OPERATIONS; INCLUDING PARACHUTE JUMPING, UNMANNED AIRCRAFT AND REMOTE CONTROLLED AIRCRAFT, ARE PROHIBITED WITHIN A 1410271420-PERM END PART 1 OF 3

FDC 4/3621 FDC PART 2 OF 3 SPECIAL 3NMR UP TO AND INCLUDING 3000FT AGL OF ANY STADIUM HAVING A SEATING CAPACITY OF 30,000 OR MORE PEOPLE WHERE EITHER A REGULAR OR POST SEASON MAJOR LEAGUE BASEBALL, NATIONAL FOOTBALL LEAGUE, OR NCAA DIVISION ONE FOOTBALL GAME IS OCCURRING. THIS NOTAM ALSO APPLIES TO NASCAR SPRINT CUP, INDY CAR, AND CHAMP SERIES RACES EXCLUDING QUALIFYING AND PRE-RACE EVENTS. FLIGHTS CONDUCTED FOR OPERATIONAL PURPOSES OF ANY EVENT, STADIUM OR VENUE AND BROADCAST COVERAGE FOR THE BROADCAST RIGHTS HOLDER ARE AUTHORIZED WITH AN APPROVED AIRSPACE WAIVER. AN FAA

AIRSPACE WAIVER DOES NOT RELIEVE OPERATORS FROM OBTAINING ALL OTHER NECESSARY AUTHORIZATIONS AND COMPLYING WITH ALL APPLICABLE FEDERAL AVIATION REGULATIONS. THE RESTRICTIONS DESCRIBED ABOVE DO NOT APPLY TO THOSE AIRCRAFT AUTHORIZED BY AND IN CONTACT WITH ATC FOR OPERATIONAL OR SAFETY OF FLIGHT PURPOSES, DEPARTMENT OF DEFENSE, LAW ENFORCEMENT, AND AIR AMBULANCE FLIGHT OPERATIONS. ALL PREVIOUSLY ISSUED WAIVERS TO FDC NOTAM 9/5151 REMAIN VALID UNTIL THE SPECIFIED END DATE BUT NOT TO EXCEED 90 DAYS FOLLOWING THE EFFECTIVE DATE OF THIS NOTAM. INFORMATION ABOUT AIRSPACE WAIVER APPLICATIONS 1410271420-PERM END PART 2 OF 3

FDC 4/3621 FDC PART 3 OF 3 SPECIAL AND TSA SECURITY AUTHORIZATIONS CAN BE FOUND AT [HTTP://WWW.TSA.GOV/STAKEHOLDERS/AIRSPACE-WAIVERS-0](http://www.tsa.gov/stakeholders/airspace-waivers-0) OR BY CALLING TSA AT 571-227-2071. SUBMIT REQUESTS FOR FAA AIRSPACE WAIVERS AT [HTTPS://WAIVERS.FAA.GOV](https://waivers.faa.gov). 1410271420-PERM END PART 3 OF 3

FDC 2/2422 FDC PART 1 OF 2 SPECIAL ADVISORY NOTICE. A WARNING SIGNAL FOR COMMUNICATING WITH AIRCRAFT IS DEPLOYED AND IS OPERATING WITHIN THE WASHINGTON DC SPECIAL FLIGHT RULES AREA (SFRA), INCLUDING THE FLIGHT RESTRICTED ZONE (FRZ). THE SIGNAL CONSISTS OF HIGHLY FOCUSED RED AND GREEN COLORED LIGHTS IN AN ALTERNATING RED/RED/GREEN SIGNAL PATTERN. THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR AT THE REQUEST OF THE FAA. THE BEAM IS NOT INJURIOUS TO THE EYES OF PILOTS/AIRCRAFTS OR PASSENGERS, REGARDLESS OF ALTITUDE OR DISTANCE FROM THE SOURCE. IF YOU ARE IN COMMUNICATION WITH AIR TRAFFIC CONTROL AND THIS SIGNAL IS DIRECTED AT YOUR AIRCRAFT, WE ADVISE YOU TO IMMEDIATELY COMMUNICATE WITH ATC THAT YOU ARE BEING ILLUMINATED BY A VISUAL WARNING SIGNAL. IF THIS SIGNAL IS DIRECTED AT YOU AND YOU ARE NOT COMMUNICATING WITH ATC, WE ADVISE YOU TO TURN TO A HEADING AWAY FROM THE CENTER OF THE FRZ/SFRA AS SOON AS POSSIBLE AND IMMEDIATELY CONTACT ATC ON AN APPROPRIATE FREQUENCY, OR IF UNSURE OF THE FREQUENCY, CONTACT ATC ON VHF GUARD 121.5 OR UHF GUARD 243.0. BE ADVISED THAT FAILURE TO FOLLOW THE RECOMMENDED PROCEDURES OUTLINED ABOVE MAY RESULT IN INTERCEPTION BY MILITARY AIRCRAFT AND/OR THE USE OF FORCE. END PART 1 OF 2

FDC 2/2422 FDC PART 2 OF 2 SPECIAL ADVISORY NOTICE. THIS NOTICE ONLY APPLIES TO VFR AIRCRAFT OPERATING WITHIN THE SFRA/FRZ, INCLUDING DOD, LAW ENFORCEMENT, AND AEROMEDICAL OPERATIONS. THIS NOTICE DOES NOT CHANGE PROCEDURES ESTABLISHED FOR REPORTING UNAUTHORIZED LASER ILLUMINATION AS PUBLISHED IN ADVISORY CIRCULAR 70-2. "THIS SIGNAL MAY BE DIRECTED AT SPECIFIC AIRCRAFT SUSPECTED OF MAKING UNAUTHORIZED ENTRY INTO THE SFRA/FRZ AND ARE ON A HEADING OR FLIGHT PATH THAT MAY BE INTERPRETED AS A THREAT OR THAT OPERATE CONTRARY TO THE OPERATING RULES FOR THE SFRA/FRZ". END PART 2 OF 2

FDC 1/1155 ZDC DC .. FLIGHT RESTRICTIONS, WASHINGTON, DC. EFFECTIVE 1101102040 UTC UNTIL FURTHER NOTICE. THIS NOTICE WILL REPLACE NOTAM 0/9463 DUE TO TECHNICAL ERROR, NO CHANGES IN RESTRICTIONS. PURSUANT TO TITLE 14 CFR SECTION 99.7, SPECIAL SECURITY INSTRUCTIONS. A. EXCEPT FOR FAA APPROVED DOD, LAW ENFORCEMENT, AND WAIVERED LIFEGUARD/AIR AMBULANCE FLIGHTS, ALL VFR AIRCRAFT OPERATIONS WITHIN 30NM OF 385134N/0770211W OR THE WASHINGTON /DCA/ VOR/DME, FROM THE SURFACE UP TO BUT NOT INCLUDING FL180, ARE RESTRICTED TO AN INDICATED AIRSPEED OF 180 KNOTS OR LESS, IF CAPABLE. IF UNABLE, THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS. B. ALL VFR AIRCRAFT OPERATIONS WITHIN THE AIRSPACE BETWEEN 30 NMR AND 60 NMR OF 385134N/0770211W OR THE WASHINGTON /DCA/ VOR/DME, FROM THE SURFACE UP TO BUT NOT INCLUDING FL180, ARE RESTRICTED TO AN INDICATED AIRSPEED OF 230 KNOTS OR LESS, IF CAPABLE. IF UNABLE THE PILOT MUST CONTACT THE APPROPRIATE ATC FACILITY AND ADVISE THEM OF THE AIRCRAFT'S OPERATIONAL LIMITATIONS PRIOR TO ENTERING THE 60 NMR OF THE WASHINGTON /DCA/ VOR/DME.

FDC 8/2435 FDC ... SPECIAL NOTICE ... PILOTS ARE REMINDED THAT THERE ARE INCREASED SECURITY MEASURES IN PLACE FOR AIRCRAFT ENTERING DOMESTIC AIRSPACE, INCLUDING THOSE ENTERING FLORIDA COASTAL WATERS. ALL PILOTS OF VFR AIRCRAFT ARE REQUIRED TO FILE A DEFENSE VISUAL FLIGHT RULES (DVFR) FLIGHT PLAN PRIOR TO ENTRY INTO THE AIR DEFENSE IDENTIFICATION ZONE(ADIZ)IN ACCORDANCE WITH CFR 99 TITLE 14 CHAPTER 1 PART 99 SECURITY CONTROL OF AIR TRAFFIC, SECTIONS 99.1 THROUGH 99.49. THE PILOT MUST ACTIVATE THE DVFR FLIGHT PLAN WITH U.S. FLIGHT SERVICE AND SET THE AIRCRAFT TRANSPONDER TO THE ASSIGNED DISCRETE BEACON CODE PRIOR TO ENTERING THE ADIZ. FAILURE TO COMPLY WITH ALL DVFR PROCEDURES MAY RESULT IN THE

AIRCRAFT BEING INTERCEPTED BY DEPARTMENT OF DEFENSE AIRCRAFT.

FDC 4/4386 FDC SPECIAL NOTICE... NATIONAL AIRSPACE SYSTEM INTERCEPT PROCEDURES. AVIATORS SHALL REVIEW THE FEDERAL AVIATION ADMINISTRATION AERONAUTICAL INFORMATION MANUAL (AIM) FOR INTERCEPTION PROCEDURES, CHAPTER 5, SECTION 6, PARAGRAPH 5-6-2. ALL AIRCRAFT OPERATING IN UNITED STATES NATIONAL AIRSPACE, IF CAPABLE, SHALL MAINTAIN A LISTENING WATCH ON VHF GUARD 121.5 OR UHF 243.0. IF AN AIRCRAFT IS INTERCEPTED BY U.S. MILITARY AIRCRAFT AND FLARES ARE DISPENSED, THE FOLLOWING PROCEDURES ARE TO BE FOLLOWED: FOLLOW THE INTERCEPT'S VISUAL SIGNALS, CONTACT AIR TRAFFIC CONTROL IMMEDIATELY ON THE LOCAL FREQUENCY OR ON VHF GUARD 121.5 OR UHF GUARD 243.0, AND COMPLY WITH THE INSTRUCTIONS GIVEN BY THE INTERCEPTING AIRCRAFT INCLUDING VISUAL SIGNALS IF UNABLE RADIO CONTACT. BE ADVISED THAT NONCOMPLIANCE MAY RESULT IN THE USE OF FORCE.

Part 2.

REVISIONS TO MINIMUM ENROUTE

IFR ALTITUDES & CHANGEOVER POINTS



[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 95

[Docket No. 31120; Amdt. No. 531]

IFR Altitudes; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule

SUMMARY: This amendment adopts miscellaneous amendments to the required IFR (instrument flight rules) altitudes and changeover points for certain Federal airways, jet routes, or direct routes for which a minimum or maximum en route authorized IFR altitude is prescribed. This regulatory action is needed because of changes occurring in the National Airspace System. These changes are designed to provide for the safe and efficient use of the navigable airspace under instrument conditions in the affected areas.

EFFECTIVE DATE: 0901 UTC, March 02, 2017.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham, Flight Procedure Standards Branch (AMCAFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This amendment to part 95 of the Federal Aviation Regulations (14 CFR part 95) amends, suspends, or revokes IFR altitudes governing the operation of all aircraft in flight over a specified route or any portion of that route, as well as the changeover points (COPs) for Federal airways, jet routes, or direct routes as prescribed in part 95.

THE RULE

The specified IFR altitudes, when used in conjunction with the prescribed changeover points for those routes, ensure navigation aid coverage that is adequate for safe flight operations and free of frequency interference. The reasons and circumstances that create the need for this amendment involve matters of flight safety and operational efficiency in the National Airspace System, are related to published aeronautical charts that are essential to the user, and provide for the safe and efficient use of the navigable airspace. In addition, those various reasons or circumstances require making this amendment effective before the next scheduled charting and publication date of the flight information to assure its timely availability to the user. The effective date of this amendment reflects those considerations. In view of the close and immediate relationship between these regulatory changes and safety in air commerce, I find that notice and public procedure before adopting this amendment are impracticable and contrary to the public interest and that good cause exists for making the amendment effective in less than 30 days.

CONCLUSION

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore--(1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR Part 95 Airspace, Navigation (air).
Issued in Washington, D.C. on February 27, 2017.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me by the Administrator, part 95 of the Federal Aviation Regulations (14 CFR part 95) is amended as follows effective at 0901 UTC, March 02, 2017.

1. The authority citation for part 95 continues to read as follows:

Authority: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44719, 44721.

2. Part 95 is amended to read as follows:

**REVISIONS TO IFR ALTITUDES & CHANGEOVER POINT
AMENDMENT 531
EFFECTIVE DATE March 02, 2017**

§95.3000 LOW ALTITUDE RNAV ROUTES

§95.3326 RNAV ROUTE T326

FROM	TO	MEA	MAA
IS ADDED TO READ			
MISSION BAY, CA VORTAC	HAILE, CA FIX	3800	17500
HAILE, CA FIX	BLLYJ, CA WP	6400	17500
BLLYJ, CA WP	STAXS, CA WP	8000	17500
STAXS, CA WP	GILYY, CA WP	8600	17500
GILYY, CA WP	KUMBA, CA FIX	8600	17500
KUMBA, CA FIX	IMPERIAL, CA VORTAC	4700	17500

§95.6001 VICTOR ROUTES-U.S

§95.6003 VOR FEDERAL AIRWAY V3

FROM	TO	MEA
IS AMENDED TO READ IN PART		
MODENA, PA VORTAC *5000 - MRA	*MAZIE, PA FIX	3000
*MAZIE, PA FIX *5000 - MRA **5000 - MRA	**HARRS, PA FIX	2500
*HARRS, PA FIX *5000 - MRA **5000 - MRA	**BIGGY, NJ FIX	2500
*BIGGY, NJ FIX *5000 - MRA	SOLBERG, NJ VOR/DME	2500

§95.6012 VOR FEDERAL AIRWAY V12

FROM	TO	MEA
IS AMENDED TO READ IN PART		
HARRISBURG, PA VORTAC #UNUSABLE	KUPPS, PA FIX	#000

§95.6026 VOR FEDERAL AIRWAY V26

FROM	TO	MEA
IS AMENDED TO READ IN PART		
EDGRR, WI FIX *7100 - MCA WAUSAU, WI VORTAC , E BND **3600 - MOCA **3600 - GNSS MEA	*WAUSAU, WI VORTAC	**6000

§95.6063 VOR FEDERAL AIRWAY V63

FROM	TO	MEA
IS AMENDED TO READ IN PART		
WAUSAU, WI VORTAC #UNUSABLE #WAUSAU R-005 UNUSABLE BYD 10NM RHINELANDER R185 UNUSABLE BYD 10NM RHINELANDER, WI VOR/DME	RHINELANDER, WI VOR/DME HOUGHTON, MI VOR/DME	#000 3600

§95.6078 VOR FEDERAL AIRWAY V78

FROM	TO	MEA
IS AMENDED TO READ IN PART		
RHINELANDER, WI VOR/DME	IRON MOUNTAIN, MI VOR/DME	4400

§95.6147 VOR FEDERAL AIRWAY V147

FROM	TO	MEA
IS AMENDED TO READ IN PART		
YARDLEY, PA VOR/DME *6000 - MRA *SPUDS, PA FIX *6000 - MRA **2500 – MOCA	*SPUDS, PA FIX EAST TEXAS, PA VOR/DME	5000 **4100

§95.6162 VOR FEDERAL AIRWAY V162

FROM	TO	MEA
IS AMENDED TO READ IN PART		
HARRISBURG, PA VORTAC #UNUSABLE	BOBSS, PA FIX	#000

§95.6190 VOR FEDERAL AIRWAY V190

FROM	TO	MEA
IS AMENDED TO READ IN PART		
ST JOHNS, AZ VORTAC	ACOMA, NM FIX	11500

§95.6191 VOR FEDERAL AIRWAY V191

FROM	TO	MEA
IS AMENDED TO READ IN PART		

OSHKOSH, WI VORTAC *3100 - MOCA	RHINELANDER, WI VOR/DME	*4500
RHINELANDER, WI VOR/DME *3200 - MOCA	IRONWOOD, MI VORTAC	*8000

§95.6235 VOR FEDERAL AIRWAY V235

FROM	TO	MEA
IS AMENDED TO READ IN PART		
MATZO, UT FIX *11400 - MCA ENOCH, UT VOR/DME , S BND	*ENOCH, UT VOR/DME	12400
ENOCH, UT VOR/DME	MILFORD, UT VORTAC	10000

§95.6293 VOR FEDERAL AIRWAY V293

FROM	TO	MEA
IS AMENDED TO READ IN PART		
BRYCE CANYON, UT VORTAC *12100 - MCA ENOCH, UT VOR/DME , E BND	*ENOCH, UT VOR/DME	13300
ENOCH, UT VOR/DME	BERYL, UT FIX	9000
BERYL, UT FIX	WILSON CREEK, NV VORTAC	11600

§95.6385 VOR FEDERAL AIRWAY V385

FROM	TO	MEA
IS AMENDED TO READ IN PART		
LUBBOCK, TX VORTAC *4700 - MOCA	WAGUN, TX FIX	*8000
WAGUN, TX FIX *3900 - MOCA	ABILENE, TX VORTAC	*8000

§95.6405 VOR FEDERAL AIRWAY V405

FROM	TO	MEA
IS AMENDED TO READ IN PART		
POTTSTOWN, PA VORTAC *5000 - MRA *6000 - MCA LANNA, NJ FIX , SW BND	*LANNA, NJ FIX	6000

§95.6419 VOR FEDERAL AIRWAY V419

FROM	TO	MEA
IS AMENDED TO READ IN PART		
MODENA, PA VORTAC *5000 - MRA	*MAZIE, PA FIX	3000
*MAZIE, PA FIX *5000 - MRA **5000 - MRA	**HARRS, PA FIX	2500

*HARRS, PA FIX	**BIGGY, NJ FIX	2500
*5000 - MRA		
**5000 - MRA		
*BIGGY, NJ FIX	SOLBERG, NJ VOR/DME	2500
*5000 - MRA		

§95.6438 ALASKA VOR FEDERAL AIRWAY V438

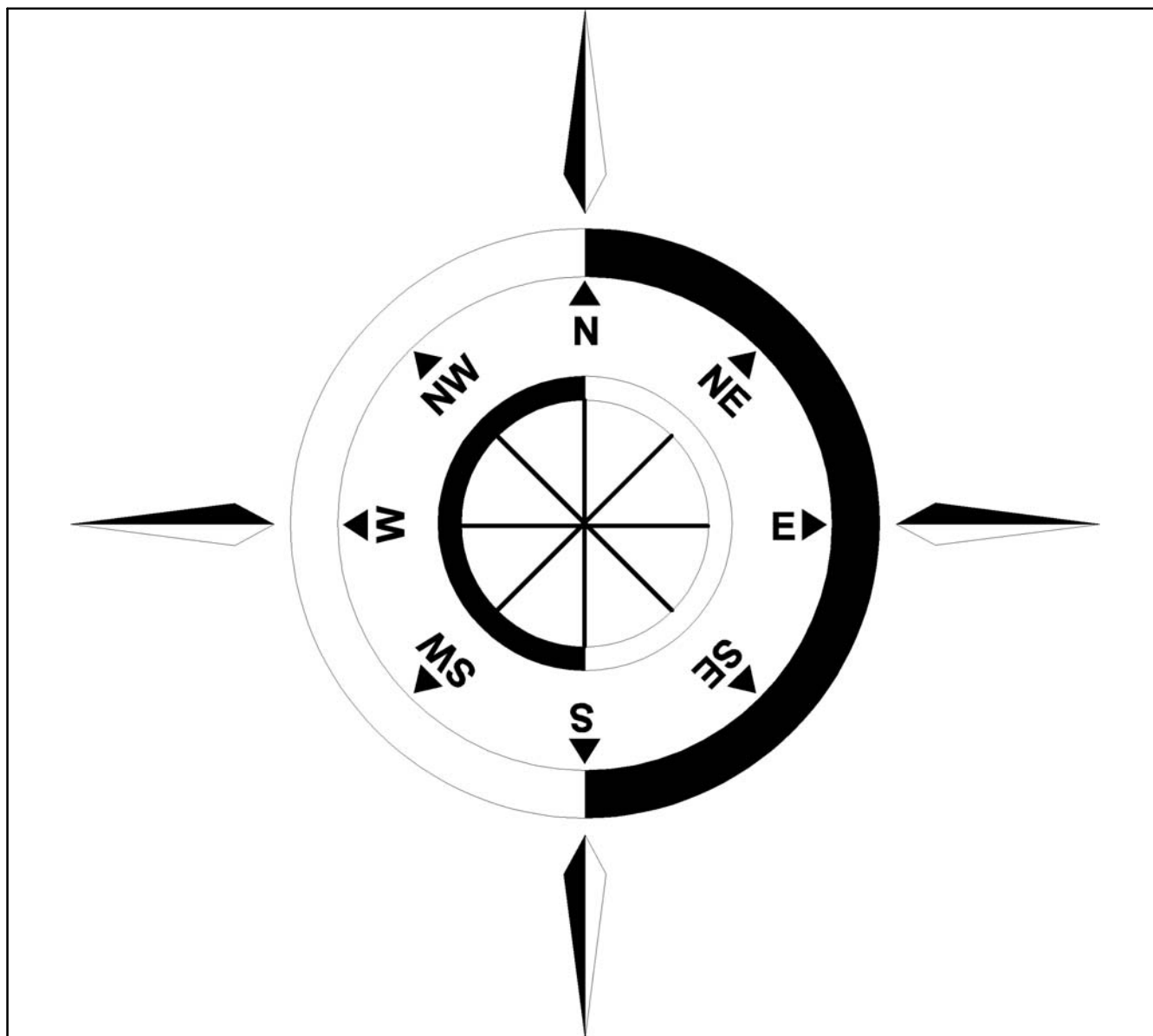
FROM	TO	MEA
IS AMENDED TO READ IN PART		
FAIRBANKS, AK VORTAC	CHATA, AK FIX	
	N BND	*8000
	S BND	*7000
*5000 - MOCA		

§95.8003 VOR FEDERAL AIRWAY CHANGEOVER POINT

POINTS	AIRWAY SEGMENT	CHANGEOVER
FROM	TO	DISTANCE FROM
	V1	
IS AMENDED TO DELETE CHANGEOVER POINT		
CAPE CHARLES, VA VORTAC CHARLES	WATERLOO, DE VOR/DME	31 CAPE
	V26	
IS AMENDED TO ADD CHANGEOVER POINT		
WAUSAU, WI VORTAC	GREEN BAY, WI VORTAC	8 WAUSAU

Part 3

INTERNATIONAL NOTICES TO AIRMEN



GENERAL

This section features significant international notices to airmen (NOTAM) information and special notices. These may affect a pilot's decision to enter or use areas of foreign or international airspace. This publication complements and expands data carried in the International Flight Information Manual (IFIM) which is available at http://www.faa.gov/air_traffic/publications/ifim/ on the internet.

Pilots should review the foreign airspace and entry restrictions published in the IFIM during the flight planning process. Foreign airspace penetration without official authorization can involve extreme danger to the aircraft and the imposition of severe penalties and inconvenience on both passengers and crew. A flight plan on file with ATC authorities does not necessarily constitute the prior permission required by certain authorities. The possibility of fatal consequences cannot be ignored in some areas of the world.

The information contained in the International Notices to Airmen section is derived from international notices and other official sources. International notices are of two types: Class One International Notices are those NOTAMs issued via telecommunications. They are made available to the U.S. flying public by the International NOTAM Office (Washington, DC) through the local Flight Service Station (FSS). Class Two International Notices are NOTAMs issued via postal services and are not readily available to the U.S. flying public. The International Notices to Airmen draws from both these sources and also includes information about temporary hazardous conditions which are not otherwise readily available to the flyer. Before any international flight, always update the International Notices to Airmen with a review of Class One International Notices available at your closest FSS.

Foreign notices carried in this publication are carried as issued to the maximum extent possible. Most abbreviations used in this publication are listed in ICAO Document DOC 8400. Wherever possible, the source of the information is included at the end of an entry. This allows the user to confirm the currency of the information with the originator. (See the IFIM for foreign NOTAM areas of responsibility and for a listing of foreign NOTAM offices which exchange information with the U.S. International NOTAM Office.)

International Information Source Code Table

<i>Code</i>	<i>Information Source</i>
I or II (followed by the NOTAM number)	Class One or Class Two NOTAMs
AIP	Aeronautical Information Publication (followed by the AIP change number)
AIC	Aeronautical Information Circular (followed by the AIC number)
DOS	Department of State advisories
FAA	Federal Aviation Administration.

The International Notices to Airmen section gives world wide coverage in each issue. Coverage for the U.S. and its external territories is limited and normally will not include data available on the domestic NOTAM circuit or published in other official sources available to the user.

Each issue of this section is complete in itself. Temporary data will be repeated in each issue until the condition ceases to exist. Permanent data will be carried until it is sufficiently published or is available in other permanent sources. New items will be indicated by a black bar running in the left or right margin.

This section includes data issued by foreign governments. The publication of this data in no way constitutes legal recognition of the validity of the data. This publication does not presume to tabulate all NOTAM data, although every effort is made to publish all pertinent data. The Federal Aviation Administration does not assume liability for failure to publish, or the accuracy of, any particular item.

INTERNATIONAL NOTICES TO AIRMEN

SECTION 1

Flight Prohibitions, Potentially Hostile Situations, and Foreign Notices

Introduction: This part contains FAA-issued flight prohibitions for countries and territories outside the United States, advisory notices on potentially hostile situations abroad, and notices issued by foreign governments and civil aviation authorities.

For more information on flight prohibitions and potentially hostile situations, please check the International Flight Information Manual, U.S. Prohibitions, Restrictions and Notices, available on the FAA Web site at http://www.faa.gov/air_traffic/publications/ifim/us_restrictions

All operators also should check the latest U.S. Department of State Travel Warnings and Public Announcements at <http://travel.state.gov>, and can obtain additional information by contacting the appropriate foreign government authorities.

BAHAMAS, THE

Communication Procedures for Aircraft Operations Within the Nassau and Grand Bahama Terminal Control Areas (TMAS')

Effective immediately, all aircraft operating or about to operate (IFR, VFR, including military unless specifically exempted, etc.) within the Nassau and Grand Bahama 'TMAS' and within a 50 nautical mile radius of Nassau and Freeport Int'l airports SHALL report, as a minimum, to the respective Approach Control Unit as follows:

- a. Their identification.
- b. Aircraft type.
- c. Position.
- d. Direction of flight.
- e. Cruising level.

These reports shall enable the respective approach control unit to provide a more effective advisory service to possible conflicting flights, controlled and uncontrolled within the 'TMAS'.

Pilots shall contact the appropriate approach control unit as follows:

- a. "Nassau Approach" on frequency 121.0 MHz.
- b. "Freeport Approach" on frequency 126.5 MHz.

(Bahamas AIC 2/20/2010)

COMMONWEALTH OF INDEPENDENT STATES (CIS)

Special Notice: Provideniya Bay Airport, CIS.

In accordance with Federal Aviation Administration (FAA) Order 8260.31B, The Alaska Region is modifying the arrival and departure minimums for Provideniya Bay Airport, CIS.

Provideniya Bay PAR+2 NDB RWY 01 Visual RWY 19:

Approach visibility minimums are 9 km (9000 meters) IFR or VFR.

Departure minimums IFR or VFR:

RWY 01 ceiling 750 meters, visibility 5 km (5000 meters)

RWY 19 ceiling 300 meters, visibility 1.5 km (1500 meters)

NOTE-

NDB minimums apply when using PAR (VIS 9 KM/9000 METERS).

(FAA/AAL-200 2/22/2010)

CHINA

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with China registrations beginning with B; aircraft using the ICAO designator of a China company; or aircraft used for China diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace, unless the aircraft is registered in Hong Kong, Macau, or Taiwan, or the aircraft is operated by a company with FAA Part 129 operations specifications.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

CUBA

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Cuba registration beginning with CU; aircraft using the ICAO designator of a Cuba company; or aircraft used for Cuba diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.

2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

EUROPE

EUROCONTROL Integrated Initial Flight Plan Processing System (IFPS).

All aircraft flying into, departing from, or transiting Europe within the General Air Traffic (GAT) Civil system must file an International Civil Aviation Organization (ICAO) flight plan with the Integrated Initial Flight Plan Processing System (IFPS) managed by the EUROCONTROL Central Flow Management Unit (CFMU). This system is the sole source for the distribution of the IFR/GAT portions of flight plan information to Air Traffic Control (ATC) within participating European Countries collectively known as the IFPS Zone (IFPZ). Flight plans and associated messages for all IFR flights, including the IFR portions of mixed IFR/VFR flights, entering, over flying or departing the IFPZ, shall be addressed only to the two IFPS addresses for that portion of the flight within the IFPZ. The IFPS addresses to be included in flight plans and associated messages submitted by operators that intend to fly into or through the IFPZ are as follows:

Network	IFPS Unit Addresses	
IFPU1		
Haren, Belgium	AFTN	EUCHZMFP
SITA BRUEP7X		
IFPU2		
Brétigny, France	AFTN	EUCBZMFP
SITA PAREP7X		

IFPS will ensure distribution of the accepted flight plan to all relevant ATS units within their area of responsibility. Flight plan message originators filing to IFPS are responsible for ensuring that the flight plan and any modifications made thereto are addressed to all the relevant ATS units outside the IFPZ. In order to ensure consistency between the flight plan data distributed within the IFPZ and that distributed outside the IFPZ, the EUROCONTROL CFMU has established a “re-addressing function”. The “re-addressing function” is intended primarily for flights originating within the IFPZ and proceeding outside the IFPZ.

Note.— Detailed procedures and information applicable to flight plan addressing and distribution are contained in the EUROCONTROL “Basic CFMU Handbook”.

Additional information may be obtained from Aeronautical Information Publications (AIP) and/or Aeronautical Information Circulars (AIC) issued by individual countries, through commercial flight planners, or by contacting EUROCONTROL, rue de la Fusée, 96, B-1130, Brussels, Belgium. Telephone: 32-2- 745-1950, FAX: 32-2- 729-9041 and on the EUROCONTROL Web site: www.eurocontrol.int.

NOTE-IFPS Zone Countries – Albania, Armenia, Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Lithuania, Luxembourg, Former Yugoslav Republic of Macedonia, Malta, Monaco, Morocco, Netherlands, Norway, Poland, Portugal, Republic of Moldova, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, Ukraine, United Kingdom, Serbia and Montenegro.

(AEU-500 6/7/2010)

IRAN (ISLAMIC REPUBLIC OF)

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Iran registrations beginning with EP; aircraft using the ICAO designator of an Iran company; or aircraft used for Iran diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.
(FAA/AJR-2 System Operations Security 6/27/2013)

IRAQ

Special Federal Aviation Regulation No. 77 – Prohibition Against Certain Flights Within the Territory and Airspace of Iraq.

1. **Applicability.** This rule applies to the following persons:
 - (a) All U.S. air carriers or commercial operators;
 - (b) All persons exercising the privileges of an airman certificate issued by the FAA except such persons operating U.S.-registered aircraft for a foreign air carrier; or
 - (c) All operators of aircraft registered in the United States except where the operator of such aircraft is a foreign air carrier.
2. **Flight prohibition.** No person may conduct flight operations over or within the territory of Iraq except as provided in paragraphs 3 and 4 of this SFAR or except as follows:
 - (a) Overflights of Iraq may be conducted above flight level (FL) 200 subject to the approval of, and in accordance with the conditions established by, the appropriate authorities of Iraq.
 - (b) Flights departing from countries adjacent to Iraq whose climb performance will not permit operation above FL 200 prior to entering Iraqi airspace may operate at altitudes below FL 200 within Iraq to the extent necessary to permit a climb above FL 200, subject to the approval of, and in accordance with the conditions established by, the appropriate authorities of Iraq.

(c) [Reserved]

3. Permitted operations. This SFAR does not prohibit persons described in paragraph 1 from conducting flight operations within the territory and airspace of Iraq where such operations are authorized either by another agency of the United States Government with the approval of the FAA or by an exemption issued by the Administrator.

4. Emergency situations. In an emergency that requires immediate decision and action for the safety of the flight, the pilot in command of an aircraft may deviate from this SFAR to the extent required by that emergency. Except for U.S. air carriers or commercial operators that are subject to the requirements of 14 CFR parts 119, 121, or 135, each person who deviates from this rule shall, within ten (10) days of the deviation, excluding Saturdays, Sundays, and Federal holidays, submit to the nearest FAA Flight Standards District Office a complete report of the operations of the aircraft involved in the deviation, including a description of the deviation and the reasons therefore.

5. Expiration. This Special Federal Aviation Regulation will remain in effect until further notice.
(FAA/AIA-100 11/19/03)

KOREA (NORTH), DEMOCRATIC REPUBLIC OF

FDC 8/1167

Special Federal Aviation Regulation (SFAR) No. 79 – Prohibition Against Certain Flights Within the Flight Information Region of the Democratic People’s Republic of Korea.

a. Applicability. This rule applies to the following persons:

1. All U.S. air carriers or commercial operators.
2. All persons exercising the privileges of an airman certificate issued by the FAA, except such persons operating U.S.-registered aircraft for a foreign air carrier.
3. All operators of aircraft registered in the United States except where the operator of such aircraft is a foreign air carrier.

b. Flight prohibition. Except as provided in paragraphs c and d of this SFAR, no person described in paragraph a may conduct flight through the Pyongyang FIR west of 132 degrees east longitude.

c. Permitted operations. This SFAR does not prohibit persons described in paragraph a from conducting flight operations within the Pyongyang FIR west of 132 degrees east longitude where such operations are authorized either by exemption issued by the Administrator or by another agency of the United States Government with FAA approval.

d. Emergency situations. In an emergency that requires immediate decision and action for the safety of the flight, the pilot in command of an aircraft may deviate from this SFAR to the extent required by that emergency. Except for U.S. air carriers and commercial operators that are subject to the requirements of 14 CFR parts 121, 125, or 135, each person who deviates from this rule shall, within ten (10) days of the deviation, excluding Saturdays, Sundays, and Federal holidays, submit to the nearest FAA Flight Standards District Office a complete report of the operations of the aircraft involved in the deviation, including a description of the deviation and the reasons therefore.

e. Expiration. This Special Federal Aviation Regulation No. 79 will remain in effect until further notice.

(FAA/AJR-2 System Operations Security 6/8/2010)

KOREA (NORTH), DEMOCRATIC REPUBLIC OF**FDC 9/8281**

The North Korean government stated on March 5, 2009 that it cannot guarantee the security of South Korean civil aircraft operating in the territory and airspace of North Korea or in airspace above the East Sea of Korea (Sea of Japan).

The exact nature of the potential danger, the extent to which it may pose a hazard to non-South Korean civil aircraft operations, and the exact area within which a potential hazard may exist are not clear.

All operators operating in the aforementioned area are urged to exercise caution. Additionally, U.S. operators are reminded of the provisions of Special Federal Aviation Regulation 79.

(FAA/AJR-2 System Operations Security 6/8/2010)

DEMOCRATIC PEOPLE'S REPUBLIC OF NORTH KOREA (DRPK)**Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace**

All aircraft with DPRK registrations beginning with P; aircraft using the ICAO designator of a DPRK company; or aircraft used for DPRK diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

RUSSIA FEDERATION**Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace**

All aircraft with Russian Federation registrations beginning with RA; aircraft using the ICAO designator of a Russian Federation company; or aircraft used for Russian Federation diplomatic flights require FAA

routing authorization for flights in United States Territorial Airspace, unless the aircraft is operated by a company with FAA Part 129 operations specifications.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SUDAN

Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace

All aircraft with Sudan registrations beginning with ST; aircraft using the ICAO designator of a Sudan company; or aircraft used for Sudan diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SYRIAN ARAB REPUBLIC**Federal Aviation Administration (FAA) Flight Routing Authorization Requirements in United States Territorial Airspace**

All aircraft with Syrian Arab Republic registrations beginning with YK; aircraft using the ICAO designator of a Syrian Arab Republic company; or aircraft used for Syrian Arab Republic diplomatic flights require FAA routing authorization for flights in United States Territorial Airspace.

Only IFR flights are eligible for FAA routing authorization. See current FAA KFDC NOTAMS for other requirements and information regarding Aircraft that Operate To or From or Within or Transit Territorial Airspace of the United States (US).

FAA routing authorization is in addition to any US State Department (DOS) diplomatic clearance or US Transportation Security Administration (TSA) waiver. To obtain FAA routing authorization, contact the FAA System Operations Support Center at 9-ATOR-HQ-RT-REQ@faa.gov or FAX 202-267-5289 (Attention FAA SOSOC), or call 202-267-8115.

Provide the following information:

1. Name and address of company or individual. Include a phone number (in case there are questions concerning your request) and a return E-Mail address. Aircraft Information: Callsign (including ICAO designator if assigned)/type/registration number.
2. General Route Itinerary: Date range. City (ICAO Location Identifier)- City (ICAO Location Identifier)- City (ICAO Location Identifier), etc.
3. Specific route information for each leg of the flight: Callsign, departure point, date/time (UTC), route, destination, date/time (UTC).
4. Purpose: Cargo, Passenger, Diplomatic, etc. for each leg of flight.

(FAA/AJR-2 System Operations Security 6/27/2013)

SECTION 2

INTERNATIONAL OCEANIC AIRSPACE NOTICES

INTRODUCTION

The following information contains the most current notices involving airspace matters pertaining to U.S. internationally delegated airspace. The information provided is divided into two sections: General and Region Specific.

Failure To Comply With ATC Clearances In Oceanic Airspace

The FAA has identified a number of events that have occurred in recent months in oceanic operations. During these events pilots either did not comply with an ATC clearance or did not adhere to Weather Deviation Procedures published in ICAO Document 4444 (Procedures For Air Navigation Services, Air Traffic Management). The following are examples of events observed:

1. Failure to comply with Conditional Clearances. The pilot did not comply with the provisions of a conditional clearance. The pilot was cleared to climb to a new flight level at a specified time but instead climbed when the clearance was received.
2. Failure to Request Revised Clearance. The pilot did not obtain an ATC clearance prior to changing flight level.
3. Non-adherence To Weather Deviation Procedures. The pilot did not contact ATC to request a revised clearance to avoid convective weather or to inform ATC of the pilot's intention to maneuver under the provisions of the ICAO Doc 4444 Weather Deviation Procedures.
4. Non-compliance With Revised Clearance. After receiving a revised route clearance, the pilot failed to re-program navigation computers with the revised route of flight. In another event, the pilot failed to clearly understand the revised clearance and did not comply with it.

Failure to comply with ATC clearances is a major cause of risk in oceanic airspace. Requirements to comply with ATC clearances are published in paragraph 3.6.2 (Adherence to flight plan) of ICAO Annex 2 (Rules of the Air) and 14 CFR (Code Of Federal Regulations), Part 91, Section 91.123 (Compliance with ATC clearances and instructions).

Operators must stress in pilot training and operations manuals the necessity to:

1. Comply fully with an ATC clearance.
2. Obtain a revised clearance prior to deviating from cleared track or flight level or, if unable to obtain a clearance prior to deviating, follow the appropriate deviation procedure for oceanic airspace (weather deviation or in-flight contingency).
3. Adhere to the provisions of published Weather Deviation Procedures.

Questions on this Notice may be directed to one of the following:

Madison Walton (FAA Flight Standards Performance Based Flight Systems Branch),
Phone (1) 202-267-8850; E-mail: Madison.Walton@faa.gov

Kevin Kelley (FAA Flight Standards Performance Based Flight Systems Branch).
Phone (1) 202-863-8854; E-mail: Kevin.C.Kelley@faa.gov

(Performance Based Flight Systems Branch, AFS-470, 3/11/10)

GENERAL

ICAO DOC 4444, SECTION 15.2 SPECIAL PROCEDURES FOR IN-FLIGHT CONTINGENCIES IN OCEANIC AIRSPACE

INTRODUCTION

1. Although all possible contingencies cannot be covered, these procedures provide for the more frequent cases such as:

- a. inability to comply with assigned clearance due to meteorological conditions, aircraft performance or pressurization failure;
- b. en route diversion across the prevailing traffic flow; and
- c. loss of, or significant reduction in, the required navigation capability when operating in an airspace where the navigation performance accuracy is a prerequisite to the safe conduct of flight operations.

2. With regard to 1a and 1b, the procedures are applicable primarily when descent and/or turnback or diversion is required. The pilot shall take action as necessary to ensure the safety of the aircraft, and the pilot's judgement shall determine the sequence of actions to be taken, having regard to the prevailing circumstances. Air traffic control shall render all possible assistance.

GENERAL PROCEDURES

1. If an aircraft is unable to continue the flight in accordance with its ATC clearance, and/or an aircraft is unable to maintain the navigation performance accuracy specified for the airspace, a revised clearance shall be obtained, whenever possible, prior to initiating any action.

2. The radiotelephony distress signal (MAYDAY) or urgency signal (PAN PAN) preferably spoken three times shall be used as appropriate. Subsequent ATC action with respect to that aircraft shall be based on the intentions of the pilot and the overall air traffic situation.

3. If prior clearance cannot be obtained, until a revised clearance is received the following contingency procedures should be employed and the pilot shall advise air traffic control as soon as practicable, reminding them of the type of aircraft involved and the nature of the problem. In general terms, the aircraft should be flown at a flight level and on an offset track where other aircraft are least likely to be encountered. Specifically, the pilot shall:

- a. leave the assigned route or track by initially turning at least 45 degrees to the right or to the left, in order to acquire a same or opposite direction track offset 15 NM (28 km) from the assigned track centerline. When possible, the direction of the turn should be determined by the position of the aircraft relative to any organized route or track system. Other factors which may affect the direction of the turn are:
 - (1) the direction to an alternate airport;
 - (2) terrain clearance;
 - (3) any strategic lateral offset being flown, and:

- (4) the flight levels allocated on adjacent routes or tracks;
 - b. having initiated the turn:
 - (1) if unable to maintain the assigned flight level, initially minimize the rate of descent to the extent that is operationally feasible (pilots should take into account the possibility that aircraft below on the same track may be flying a 1 or 2 NM strategic lateral offset procedure (SLOP)) and select a final altitude which differs from those normally used by 500 ft (150 m) if at or below FL 410, or by 1,000 ft (300 m) if above FL 410; or;
 - (2) if able to maintain the assigned flight level, **once the aircraft has deviated 10 NM (19 km) from the assigned track centerline**, climb or descend to select a flight level which differs from those normally used by 500 ft (150 m), if at or below FL 410, or by 1,000 ft (300m) if above FL 410.
 - c. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz) and where appropriate on the frequency in use: aircraft identification, flight level, position (including the ATS route designator or the track code, as appropriate) and intentions;
 - d. maintain a watch for conflicting traffic both visually and by reference to ACAS (if equipped);
 - e. turn on all aircraft exterior lights (commensurate with appropriate operating limitations); and
 - f. keep the SSR transponder on at all times.
4. When leaving the assigned track:
- a. if the intention is to acquire a same direction offset track, the pilot should consider limiting the turn to a 45 degree heading change, in order not to overshoot the offset contingency track; or
 - b. if the intention is to acquire and maintain an opposite direction offset track, then:
 - (1) operational limitations on bank angles at cruising altitudes will normally result in overshooting the track to be acquired. In such cases a continuous turn should be extended beyond 180 degrees heading change, in order to re-intercept the offset contingency track as soon as operationally feasible; and
 - (2) furthermore, if executing such a turnback in a 30 NM (56km) lateral separation route structure, extreme caution pertaining to opposite direction traffic on adjacent routes must be exercised and **any climb or descent, as specified in 3b (2) above, should be completed preferably before approaching within 10 NM (19km) of any adjacent ATS route.**

EXTENDED RANGE OPERATIONS BY AEROPLANES WITH TWO-TURBINE POWER-UNITS (ETOPS)

1. If the contingency procedures are employed by a twin-engine aircraft as a result of an engine shutdown or failure of an ETOPS critical system, the pilot should advise ATC as soon as practicable of the situation, reminding ATC of the type of aircraft involved, and request expeditious handling.

WEATHER DEVIATION PROCEDURES GENERAL

Note: The following procedures are intended for deviations around adverse meteorological conditions.

1. When the pilot initiates communications with ATC, a rapid response may be obtained by stating “WEATHER DEVIATION REQUIRED” to indicate that priority is desired on the frequency and for ATC response. When necessary, the pilot should initiate the communications using the urgency call “PAN PAN” (preferably spoken three times).
2. The pilot shall inform ATC when weather deviation is no longer required, or when a weather deviation has been completed and the aircraft has returned to its cleared route

ACTIONS TO BE TAKEN WHEN CONTROLLER–PILOT COMMUNICATIONS ARE ESTABLISHED

3. The pilot should notify ATC and request clearance to deviate from track, advising, when possible, the extent of the deviation expected.
4. ATC should take one of the following actions:
 - a. when appropriate separation can be applied, issue clearance to deviate from track; or
 - b. if there is conflicting traffic and ATC is unable to establish appropriate separation, ATC shall:
 - (1) advise the pilot of inability to issue clearance for the requested deviation;
 - (2) advise the pilot of conflicting traffic; and
 - (3) request the pilot’s intentions.
5. The pilot should take the following actions:
 - a. comply with the ATC clearance issued; or
 - b. advise ATC of intentions and execute the procedures detailed in the section below on “Actions to be taken if a revised ATC Clearance cannot be obtained”.

ACTIONS TO BE TAKEN IF A REVISED ATC CLEARANCE CANNOT BE OBTAINED

NOTE: The provisions of this section apply to situations where a pilot needs to exercise the authority of a pilot-in-command under the provisions of ICAO Annex 2, 2.3.1.

If the aircraft is required to deviate from track to avoid adverse meteorological conditions and prior clearance cannot be obtained, an ATC clearance shall be obtained at the earliest possible time. Until an ATC clearance is received, the pilot shall take the following actions:

- a. if possible, deviate away from an organized track or route system;
- b. establish communications with and alert nearby aircraft by broadcasting, at suitable intervals: aircraft identification, flight level, position (including ATS route designator or the track code) and intentions, on the frequency in use and on 121.5 MHz (or, as a backup, on the inter-pilot air-to-air frequency 123.45 MHz);
- c. watch for conflicting traffic both visually and by reference to ACAS (if equipped);

NOTE: If, as a result of actions taken under the provisions of items b and c above, the pilot determines that there is another aircraft at or near the same flight level with which a conflict may occur, then the pilot is expected to adjust the path of the aircraft, as necessary, to avoid conflict.

- d. turn on all aircraft exterior lights (commensurate with appropriate operating limitations);
- e. for deviations of less than 10 NM (19 km) remain at a level assigned by ATC;
- f. for deviations greater than 10 NM (19 km), when the aircraft is approximately 10 NM (19 km) from track, initiate a level change in accordance with Table 15–1;

- g. when returning to track, be at its assigned flight level when the aircraft is within approximately 10 NM (19 km) of the centerline; and
- h. if contact was not established prior to deviating, continue to attempt to contact ATC to obtain a clearance. If contact was established, continue to keep ATC advised of intentions and obtain essential traffic information.

Table 15–1

<i>Route centre line track</i>	<i>Deviations > 10 NM (19 km)</i>	<i>Level change</i>
EAST 000°– 179° magnetic	LEFT RIGHT	DESCEND 300 ft (90 m) CLIMB 300 ft (90 m)
WEST 180°– 359° magnetic	LEFT RIGHT	CLIMB 300 ft (90 m) DESCEND 300 ft (90m)

(Performance Based Flight Systems Branch, AFS–470 2/12/10)

Re-designation of North Atlantic Minimum Navigation Performance Specification Airspace as NAT High Level Airspace

1. Purpose. This notice serves to inform the U.S. aviation community that the ICAO North Atlantic Systems Planning Group re-designated the long-standing North Atlantic (NAT) Minimum Navigation Performance Specifications (MNPS) airspace as NAT High Level Airspace (HLA) on February 4, 2016. This change supports the MNPS to performance based navigation (PBN) transition plan. This action is taken in accordance with ICAO NAT Implementation Management Group Decision 45/2 which was announced in a January 5, 2015 letter to States and industry organizations from the ICAO European and North Atlantic office.

2. Boundaries of NAT HLA. The NAT HLA includes the following airspace, between flight levels 285 and 420: the oceanic control areas of Bodo Oceanic, Gander Oceanic, New York Oceanic East, Reykjavik, Santa Maria, and Shanwick, excluding the Shannon and Brest Ocean Transition Areas.

3. Letter X for Air Traffic Control Flight Plan. Item 10A of the flight plan filed with ATC should continue to be annotated with the letter “X” to indicate that the aircraft and operator meet the requirements for NAT HLA operations.

4. Effect on FAA Operations Specification (OpSpec), Management Specification (MSpec) and Letter of Authorization (LOA) B039. A new OpSpec/MSpec/LOA B039 was effective in June, 2016 under the title “Operations in North Atlantic High Level Airspace (NAT HLA).” Previous issuances of B039 (i.e. reflecting authorization for operations in MNPS airspace) may remain valid until January 2020 and permit operations in NAT HLA until then. All new issuances, and re-issuances, of B039 now require the operator to be capable of and authorized for a minimum of RNP 10.

5. FAA NAT Resource Guide for U.S. Operators. The NAT Resource Guide has been updated to reflect the ongoing transition from NAT MNPS to NAT HLA. The guide can be found at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

6. Questions. If you have questions, please contact one of the following:

- Kevin Kelley, FAA Performance Based Flight Systems Branch (AFS-470), 202-267-8854, Kevin.C.Kelley@faa.gov
- Mark Wisniewski, SAIC, AFS-470 program support, 202-267-8843, Mark.CTR.Wisniewski@faa.gov
- Roy Grimes, CSSI, Inc. AFS-470 program support, 202-863-3692, RGrimes@cssiinc.com
- Madison Walton, AFS-470, 202-267-8850, Madison.Walton@faa.gov

(Performance Based Flight Systems Branch, AFS-470, revised 9/15/16)

SPECIAL NOTICE -- LOST COMMUNICATIONS

If the pilot of an aircraft operating in international airspace under U.S. jurisdiction and equipped with a coded radar beacon transponder experiences a loss of two-way radio capability, the pilot should:

- a. Adjust the transponder to reply on Mode 3/A, Code 7700 for a period of 1 (one) minute.
- b. Then change to code 7600 and remain on 7600 for a period of 15 minutes or the remainder of the flight, whichever occurs first.
- c. Repeat steps a and b as practicable.

The pilot should understand that s/he may not be in an area of radar coverage. Many radar facilities are also not presently equipped to automatically display code 7600 and will interrogate 7600 only when the aircraft is under direct radar control at the time of radio failure. However, replying on 7700 first increases the probability of early detection of a radio failure condition. (FAA)

SPECIAL NOTICE --INSPECTION OF MEANS OF CONVEYANCE FOR AIRCRAFT DEPARTING CONTINENTAL UNITED STATES

Inspection of aircraft prior to departure. No person shall move any aircraft from Hawaii to the continental United States, Puerto Rico, or the Virgin Islands of the United States, unless the person moving the aircraft has contacted an inspector and offered the inspector the opportunity to inspect the aircraft prior to departure and the inspector has informed the person proposing to move the aircraft that the aircraft may depart.

Inspection of aircraft moving to Guam. Any person who has moved an aircraft from Hawaii to Guam shall contact an inspector and offer the inspector the opportunity to inspect the aircraft upon the aircraft's arrival in Guam, unless the aircraft has been inspected and cleared in Hawaii prior to departure in accordance with arrangements made between the operator of the aircraft, the Animal and Plant Inspection Service, and the government of Guam. (USDA Regulation 318.13-9)

GUIDANCE FOR U.S. OPERATORS: SPECIAL EMPHASIS ITEMS FOR OPERATION IN NORTH ATLANTIC REDUCED LATERAL SEPARATION MINIMUM (RLATSM) TRIALS – 2 FEBRUARY 2017 UPDATE –

1. Purpose of Notice. The purpose of this notice is to provide guidance to U.S. North Atlantic (NAT) operators on material to be included in pilot and dispatcher training programs and operations manuals to prepare them for NAT RLatSM operations. **Paragraph 2 provides information on the delay of RLatSM Phase 2. Paragraph 5h and Attachment A, paragraph 9 provide updated guidance for pilot contingency procedures.**

a. The **“FAA NAT Resource Guide for U.S. Operators”** provides information on NAT initiatives and programs, including this notice. It can be accessed at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

It is recommended that “Google Chrome” be used to access this site.

b. **Operator attention is directed to Attachment A.** It provides a “quick reference” for the RLatSM Special Emphasis Items contained in this bulletin. It is intended to be used as a job aid for operators developing pilot and dispatcher training material.

c. The following is an explanation of the terms “should”, “must” and “shall” as used in this bulletin.

- (1) “Should” is used to indicate a recommended practice or policy that is considered as desirable for the safety of operations.
- (2) “Shall” and “must” are used to indicate a practice or policy that is considered as necessary for the safety of operations.

2. RLatSM Project Plan Overview. **Phase 1** of the NAT RLatSM trial commenced in portions of the Gander and Shanwick oceanic control areas (OCA) in December 2015. **Phase 1 is continuing. However, the RLatSM Phase 2 start date has been delayed.** It will not start on 10 November 2016 as previously planned. At least two months’ notice will be given in advance of the new start date. RLatSM Phase 2 is still planned to be implemented in portions of the Gander, Shanwick and Reykjavik Oceanic Control Areas (OCA).

a. **During Phase 1 of the RLatSM trial**, 25 NM lateral separation minimum is applied by establishing ½ degree track spacing between **three core** NAT Organized Track System (OTS) tracks. 25 NM lateral separation is applied between flight level (FL) 350–390 (inclusive).

b. **During Phase 2 of the RLatSM trial**, the 25 NM lateral separation minimum will be implemented by applying ½ degree track spacing between **all NAT Organized Track System (OTS) tracks**. 25 NM lateral separation will continue to be applied between flight level (FL) 350–390 (inclusive).

c. OTS tracks separated using the reduced lateral separation minimum are established by publishing OTS tracks defined by ½ degree waypoints (e.g., 54 degrees–30 minutes NORTH latitude/50 degrees WEST longitude) between adjacent tracks defined by whole degree waypoints (e.g. 54 degrees NORTH latitude/50 degrees WEST longitude, respectively).

Note: operators are advised that due to pre-tactical considerations, standard laterally separated tracks (60nm) may be contained within the NAT OTS structure. RLatSM tracks will be designated tracks identified in “Remark 3” of the NAT Track Message.

d. Only those operators/aircraft eligible for RLatSM operations will be allowed to operate on designated RLatSM tracks between FL 350–390 (inclusive). See paragraph 3 (Operator/Aircraft Eligibility).

e. Strategic Lateral Offset Procedures (SLOP) will continue to be used in accordance with NAT Doc 007 (NAT Operations and Airspace Manual), paragraph 8.5.

f. Enhanced ATC surveillance and communication will be provided via FANS 1/A (or equivalent) data link systems. Automatic Dependent Surveillance (ADS-C) will provide route conformance monitoring, periodic

aircraft reporting and controller alerts for Lateral Deviation Events (LDE) and vertical deviation events (Level Range Deviation Events (LRDE). Controller–Pilot Data Link Communications (CPDLC) will enhance ATC intervention and communication capabilities.

3. Operator/Aircraft Eligibility. U.S. operators do not need to apply to participate in the trial. Operators will be eligible to flight plan and fly RLatSM tracks provided the flights are:

- Authorized Required Navigation Performance 4 (RNP 4)
- ADS-C and CPDLC equipped and authorized; and,
- Operating required Communications, Navigation and Surveillance (CNS) systems

Note: Job Aids for RNP 4 and Data Link operations authorization are available. See paragraph 6.

4. Flight Planning Provisions

a. Only those operators/aircraft eligible for RLatSM operations are allowed to operate on designated RLatSM tracks between FL 350–390 (inclusive). All RLatSM tracks and FLs are uniquely identified in Remark 3 of the OTS Track Message as shown below:

Westbound NAT Track Message Example: Phase 2 RLatSM Tracks

Note: See “Remark 3”. Tracks A, B, C, D and E are designated as RLatSM tracks between FL 350–390.

FF CYZZWNAT
102151 EGGXZOZX
(NAT–1/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART ONE OF THREE PARTS–
A PIKIL 57/20 58/30 59/40 58/50 DORYY
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL–
B ETARI 5630/20 5730/30 5830/40 5730/50 ENNSO
EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL–
C RESNO 56/20 57/30 58/40 57/50 HOIST
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL–
END OF PART ONE OF THREE PARTS)
FF CYZZWNAT
102151 EGGXZOZX
(NAT–2/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART TWO OF THREE PARTS–
D VENER 5530/20 5630/30 5730/40 5630/50 IRLOK

EAST LVLS NIL
WEST LVLS 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL–
E DOGAL 55/20 56/30 57/40 56/50 JANJO
EAST LVLS NIL
WEST LVLS 310 320 330 340 350 360 370 380 390
EUR RTS WEST NIL
NAR NIL–
END OF PART TWO OF THREE PARTS)
FF CYZZWNAT
102152 EGGXZOZX
(NAT–3/3 TRACKS FLS 310/390 INCLUSIVE
FEB 11/1130Z TO FEB 11/1900Z
PART THREE OF THREE PARTS–
REMARKS.
1. TMI IS 042 AND OPERATORS ARE REMINDED TO
INCLUDE THE
TMI NUMBER AS PART OF THE OCEANIC CLEARANCE
READ BACK.
2. ADS–C AND CPDLC MANDATED OTS ARE AS
FOLLOWS
TRACK A 350 360 370 380 390
TRACK B 350 360 370 380 390
TRACK C 350 360 370 380 390
TRACK D 350 360 370 380 390
TRACK E 350 360 370 380 390

END OF ADS-C AND CPDLC MANDATED OTS	TRACK C
3. RLATSM OTS LEVELS 350–390. RLATSM TRACKS AS	TRACK D
FOLLOWS	TRACK E
TRACK A	END OF RLATSM OTS
TRACK B	

b. Operators must file the correct ICAO Flight Plan annotations in Items 10 and 18 to indicate that RLatSM required CNS systems are operational for the flight.

(1) Item 10a (Radio communication, navigation and approach aid equipment and capabilities).

- Insert “X” to indicate that the aircraft meets requirements for NAT HLA operations. (See FAA Notice “Re-designation of NAT MNPS Airspace As High Level Airspace (HLA);
- Insert “J5” to indicate FANS 1/A (or equivalent) Inmarsat CPDLC SATCOM and/or “J7” to indicate FANS 1/A (or equivalent CPDLC Iridium SATCOM data link equipage and operation;
- Insert “R” to indicate that aircraft navigation system equipage and operation are Performance Based Navigation (PBN) approved. See below for the related Item 18 entry for RNP 4.

(2) Item 10b (Surveillance equipment and capabilities)

- Insert “D1” to indicate FANS 1/A (or equivalent) ADS-C equipage and operation

(3) Item 18 (Other information)

- Insert the characters “PBN/” followed by “L1” to indicate RNP 4 authorization.

5. Special Emphasis Items for RLatSM Operators. The Special Emphasis Items (SEI) listed below should be incorporated into operator training programs and operations manuals with the intent of raising pilot and dispatcher awareness of the importance of following procedures in an environment where ½ degree waypoints and a lateral separation minimum of 25 NM are applied. Each SEI is followed by an explanation of the factors leading it to be identified as an RLatSM SEI.

a. Requirement to use the CNS equipment that is indicated in the ICAO flight plan:

ATC uses the Flight Plan annotations in Items 10 and 18 to apply the reduced separation between aircraft. Therefore, before entering the NAT, the pilot must ensure that:

- the aircraft is logged on when data link capability (J5, J7, D1) has been filed in the FPL; and
- RNP 4 is inserted into the FMC, when RNP 4 capability (L1) has been filed in the FPL. This is to enable aircraft navigation system monitoring and alerting against the required RNP 4 Navigation Specification.

b. Pilot Training on Map and FMC Displays of ½ Degree and Whole Degree Waypoints:

To mitigate misinterpretation of waypoint coordinates, operator initial and re-current training programs and operations manuals must incorporate training and guidance to enable pilots to understand map and FMC displays of ½ degree and whole degree waypoints.

Explanation

Map displays and certain FMC pages generally do not display full waypoint degrees **and** minutes, e.g. when the full 13 latitude/longitude characters are used to insert ½ degree waypoints. See Figure 1 and 2 in Attachment B.

c. Aircraft Navigation Database (NDB) Waypoint Identifiers

In 2015, Canada, the United Kingdom and Iceland published Aeronautical Information Circulars (AIC) strongly advocating that aircraft NDB vendors and flight planning services **not** provide operators with half-degree waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format (e.g., *N5250 = 52°30’ NORTH 050°00’ WEST*). See Canada AIC 23/15 (23 July 2015), UK AIC 059/2015 (9 July 2015), and Iceland AIC A009/2015 (18 September 2015). The guidance in these circulars will be incorporated into the Aeronautical Information Publications (AIP) of the respective organizations in the future.

NAT operators should use a full latitude/longitude (e.g., 13-character) input for waypoints containing both half-degree and whole degrees of latitude and whole degrees of longitude, when they are required to make a manual input of waypoints, unless they have the operational need discussed below.

NAT operators **with an operational need to populate the aircraft NDB** with a 5-character waypoint identifier should ensure that the aircraft NDB vendors and flight planning services use an alternate half-degree of latitude 5-character format such as Hxxyy, where xx = degrees and 30 minutes of NORTH latitude and yy = degrees of WEST longitude (e.g., *H5250 = 52°30’ NORTH 050°00’ WEST*). (It is recognized that, for whole degree waypoint inputs, such operators will likely continue using the ARINC 424, 7.2.5 “N-suffix” format (e.g., *5250N = 52°00’ NORTH 050°00’ WEST*)).

Rerouting of flights onto RLatSM identified tracks containing ½ degree coordinates will only be permitted using a CPDLC route clearance uplink. Aircraft will therefore not be re-routed onto ½ degree OTS tracks if ARINC 623 data link or voice is used for the issuance of the oceanic clearance.

The CPDLC route clearance will be uplinked in a full Lat/Long format that will be unfamiliar to the flight crews using an ARINC 424, 7.2.5 format. Operators **with an operational need to populate the aircraft NDB** with a 5-character waypoint identifier format need to ensure flight crews are properly trained on the use of the full Lat/Long waypoint format in uplink messages. They must also emphasize the necessity for proper waypoint verification procedures.

Explanation

Half-degree waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format have led to a number of Gross Navigation Errors (GNEs) and Lateral Deviations. The guidance for waypoint insertion in paragraph 5c is intended to remove the potential for such errors. They occur when a pilot intending to input a waypoint defined by a half-degree of latitude inadvertently loads a waypoint containing a whole-degree of latitude, or vice versa, because the “N” is not loaded in the correct pre-fix or suffix position.

d. Pilot Procedures for Verifying Waypoint Degrees and Minutes Inserted into Aircraft Navigation Systems:

Procedures must be used to display and verify the DEGREES and MINUTES loaded into the Flight Management Computer (FMC) for the “un-named” (Lat/Long) waypoints defining the route contained in the oceanic clearance.

Regardless of FMC waypoint format and entry method, crew procedures should be designed to promote strong crew resource management techniques to prevent opportunities for error occurring as a result of confirmation bias and to generally maintain an attitude of healthy suspicion. Accordingly, the waypoint verification procedures should be conducted as detailed below.

- During pre-flight LRNS programming, both pilots independently verify the full latitude and longitude coordinates of “un-named” (Lat/Long) waypoints defining the expected route of flight within oceanic airspace as entered in the FMC.
- Upon receipt of a revised oceanic clearance (i.e., one not conforming to the flight planned route), both pilots independently verify the full latitude and longitude coordinates of “un-named” (Lat/Long) waypoints defining the route contained in the revised oceanic clearance.
- Approaching an oceanic waypoint, one pilot should verify the full latitude and longitude coordinates of that waypoint in the FMC, the NEXT and NEXT +1 waypoints, while the other pilot crosschecks the latitude and longitude coordinates against the master flight plan/oceanic clearance.

Explanation

Due to the factors in the map and FMC display of ½ degree and whole degree waypoints, it is imperative that pilots follow the procedure in paragraph 5d above to avoid lateral errors caused by incorrect insertion of waypoints. Verification of the full DEGREES and MINUTES of oceanic waypoints loaded into the FMC is a critical step in ensuring a proper navigational load.

e. Pilot Track and Distance Check:

It is strongly recommended that pilot pre-flight and in-flight procedures call for the pilot to compare the track and distance between waypoints shown on the Computer Flight Plan (CFP) to those displayed by the FMC.

Pilots should be aware that waypoint insertion errors of ½ degree of latitude may in some cases result in only small differences in track and distance, however, the track and distance check can help prevent waypoint insertion errors of one degree or more that have been observed in oceanic operations.

Note: the currency of magnetic variation tables loaded into aircraft navigation databases and the point at which the track is measured affect the track displayed on the FMC by as much as ±3 degrees.

Explanation

This check remains valuable for RLatSM operations because waypoint insertion errors are **not** limited to ½ degree errors and waypoint insertion errors of one degree or more have been observed in oceanic operations. Waypoint insertion errors of ½ degree produce a small difference in leg segment track and distance, however, as noted above, waypoint insertion errors are not limited to ½ degree.

f. Pilot Action When Notified By ATC of Possible Deviation from Cleared Track:

Flight crews are advised that, should they be notified that ATC systems indicate the aircraft is not flying the cleared route, they should immediately display the full degrees and minutes loaded into the FMC for the NEXT and NEXT + 1 waypoints, and verify them against the cleared route before responding.

Voice message example: “SHANWICK CONFIRMS YOUR POSITION REPORT INDICATES INCORRECT ROUTING. CHECK FULL DEGREES AND MINUTES LOADED INTO FMC. YOUR CLEARED ROUTE IS [route]”

CPDLC message example:

YOUR POSITION REPORT INDICATES INCORRECT ROUTING. CHECK FULL DEGREES AND MINUTES LOADED INTO FMC. YOUR CLEARED ROUTE IS [route]

When ATC notifies the pilot that the aircraft has indicated it has already deviated from the cleared track (UM169f: *ADS-C INDICATES OFF ROUTE. ADVISE INTENTIONS*), the pilot shall immediately display the full DEGREES and MINUTES loaded into the FMC for the NEXT waypoint, and verify against the cleared route.

g. Policy for Operational Airborne Collision Avoidance System II (ACAS II):

Prior to departure for flight on an NAT OTS track at a flight level where RLatSM is applied, the ACAS II system shall be fully operational for the pilot flying (i.e., the TA and RA visual display and audio function will be operative for the pilot flying). If the ACAS II system is not fully operational for the pilot flying, the operator has the option of requesting clearance to operate on a track and/or at a FL where RLatSM is not applied. If the ACAS II system fails after departure, the aircraft may continue on the cleared route.

Note: The ACAS II (TCAS II) system must be a Version 7.0 or more recent version).

Explanation

ACAS II provides a valuable situational awareness tool and safety net for pilots operating in NAT airspace including those where aircraft separation standards have already been reduced in the vertical and longitudinal dimensions. The carriage and operation of ACAS II is emphasized here in the context of RLatSM trials for the following reasons:

- The introduction of ½ degree OTS waypoints is an operational change that introduces the use of ½ degree waypoints into NAT OTS operations. Although both pilot procedures and ADS-C conformance monitoring capabilities should mitigate the occurrence of lateral deviations related to ½ degree waypoints, ACAS II provides an independent margin of safety should lateral deviations occur during the RLatSM trial period.
- ACAS II will provide a situational awareness tool that will enable pilots to be better prepared to safely execute weather deviation and contingency procedures necessitating lateral deviations (e.g., diversions and turn-backs). In the RLatSM operational environment, such deviations will occur in airspace where the minimum lateral separation is to be 25 NM.

h. Pilot In-flight Contingency Procedures and Weather Deviation Procedures (Diversions, Turn-backs, etc.):

In training and checking programs, operators shall place special emphasis on pilot knowledge of and preparation to execute the *Special Procedures for Inflight Contingencies in Oceanic Airspace* published in ICAO Doc 4444, paragraph 15.2 and *Weather deviation procedures* (paragraph 15.2.3).

Pilots must be aware that when crossing adjacent tracks without an ATC clearance, the potential vertical separation provided by the In-flight Contingency Procedure is 500 ft. which may not adequately

account for RVSM Altimetry System Error. Pilots must use all the steps called for in the Contingency Procedures to avoid conflict with other aircraft. Consideration should be given to intercepting the 15 NM offset in the same direction of flight and then descending below FL 280 or climbing above FL 410 prior to crossing adjacent tracks or making a 180° turn back.

Pilots must also be aware that when unable to obtain an ATC clearance, Weather Deviation Procedures call for a climb or descent of 300 ft. based on direction of flight and direction of deviation, and, in addition, guidance to the pilot is to adjust the path of the aircraft, if necessary, to avoid aircraft at or near the same flight level.

Pilots must stringently follow all measures for avoiding conflict with other aircraft provided for in the Doc 4444 Contingency and Weather Deviation Procedures.

Explanation

The implementation of RLatSM (25 NM) separation and ½ degree track spacing significantly reduces the distance and time a diverting aircraft has to maneuver when executing a diversion, turn-back or weather deviation without an ATC clearance before approaching adjacent tracks. It also reduces the time that a pilot has to obtain an ATC clearance. (An aircraft deviating from track can be in the proximity of aircraft on an adjacent track within approximately 4 minutes, depending on the angle of deviation from cleared track). In addition, as discussed above, the margin for safety for aircraft crossing adjacent tracks is 500 ft. of vertical separation when executing In-flight Contingency Procedures.

i. RLatSM Operational policies (aircraft CNS system failure, data link system failure, etc.):

- (1) **Objective.** The guidance provided in the paragraphs below applies during the RLatSM trials. It is intended to supplement the Global Operational Data Link Document (GOLD) guidance to controllers and flight crew on data link service failures and aircraft data link system failures (GOLD paragraphs 4.9.4 and 5.9.4 respectively).
- (2) **RLatSM Required CNS System Failure Prior to Departure.** If a flight experiences a failure of an RLatSM required CNS system PRIOR TO DEPARTURE, the flight should flight plan so as to remain clear of NAT RLatSM tracks between FL 350–390 (inclusive).
- (3) **RLatSM Required CNS System Failure After Departure But Prior to Entering On To RLatSM Tracks Between FL 350–390 (Inclusive).** If a flight experiences a failure of an RLatSM required CNS system AFTER DEPARTURE BUT PRIOR TO ENTERING RLATSM AIRSPACE, the flight should contact ATC and request a revised clearance that will keep it clear of NAT RLatSM tracks between FL 350– 390 (inclusive).
- (4) **RLatSM Required CNS System Failure After Entering On To RLatSM Tracks Between FL 350–390 (Inclusive).** If a flight experiences a failure of an RLatSM required CNS system WHILE OPERATING IN RLATSM AIRSPACE, ATC must be immediately advised. Such flights may be re-cleared to exit RLatSM airspace, but consideration will be given to allowing the flight to remain in the airspace, based on tactical considerations. (GOLD paragraph 4.9.4.8 refers).

Note: aircraft may be cleared to climb above FL 390 or descend below FL 350 and remain on half-degree tracks. However, 60 NM lateral separation will then be applied.

- (5) **Continuous Climb or Descent of Aircraft Not RLatSM Eligible.** Any aircraft that is not RLatSM eligible may request continuous climb or descent without intermediate level off through

the vertical extent of the NAT RLatSM airspace. Such requests will be considered on a tactical basis.

- (6) **Altitude Reservation (ALTRV) Requests.** ALTRV requests will be considered on a case by case basis (as is done today regarding NAT MNPS airspace), irrespective of the RLatSM eligibility status of the participating aircraft.
- (7) **Contingency Situations.** NAT RLatSM airspace restrictions are not applicable to aircraft experiencing a contingency situation.

j. Domestic ATC Agency Contact

Pilots are reminded to ensure that they contact the appropriate **domestic** ATC agency BEFORE exiting oceanic airspace.

6. Websites

a. The **“FAA NAT Resource Guide for U.S. Operators”** provides information on NAT initiatives and programs, including this notice. See paragraph 1a for access information.

b. Job Aid Templates.

(1) **RNP 4 Job Aid Template** (Application to conduct RNP 4 operations) – can be found on the FAA Oceanic webpage at: https://www.faa.gov/pilots/intl/oceanic_ops/

(2) **Data Link Job Aid Template** (Operator Application to Conduct Data Link Operations) –found on the Data Link Authorization Page of the NAT Resource Guide.

7. Contacts

The following individuals may be contacted for information or to provide feedback on RLatSM operations:

Name	Title	Phone	E-mail
Roy Grimes	FAA Separation Standards Program Support, CSSI, Inc.	+1 202-863-3692	rgrimes@cssiinc.com
Kevin Kelley	FAA Performance Based Flight Systems Branch, AFS-470	+1 202-267-8854	Kevin.c.kelley@faa.gov
Mark Wisniewski	SAIC, AFS-470 program support	+1 202-267-8843	Mark.CTR.Wisniewski@faa.gov
Madison Walton	FAA Performance Based Flight Systems Branch, AFS-470	+1 202-267-8850	Madison.walton@faa.gov

ATTACHMENT A – SUMMARY OF RLatSM SPECIAL EMPHASIS ITEMS CONTAINED IN THIS NOTICE

1. Operator/Aircraft Eligibility and Flight Planning Provisions:

Only operators that are authorized RNP 4 and equipped with and operating CPDLC and ADS-C will be eligible for RLatSM operations. In addition, the ICAO Flight Plan must be correctly annotated to indicate that RLatSM required CNS systems are operational for the flight. (Paragraph 4b refers).

2. Requirement to use the CNS equipment that is indicated in the flight plan:

The pilot must use that CNS systems indicated on the ICAO Flight Plan because ATC uses the Flight Plan annotations in Items 10 and 18 to apply the reduced separation between aircraft (Paragraph 5a refers).

The pilot must also confirm that RNP 4 is inserted into the FMC to enable aircraft navigation system monitoring and alerting against the required RNP4 Navigation Specification (Paragraph 5a refers).

3. Aircraft Navigation Database (NDB) Waypoint Identifiers:

Canadian AIC 23/15, UK AIC 059/15 and Iceland AIC A009/2015 strongly advocate that aircraft NDB vendors and flight planning services should **not** provide operators with **half-degree** waypoint identifiers in the ARINC 424, paragraph 7.2.5 “N-prefix” format (e.g., *N5250 = 52°30' NORTH 050°00' WEST*). (These AICs will be incorporated into State AIPs in the future).

NAT operators should use a full latitude/longitude (e.g., 13-character) input for waypoint coordinates. NAT operators **with an operational need to populate the aircraft NDB** with a 5-character waypoint identifier should ensure that the aircraft NDB vendors and flight planning services use an alternate half-degree of latitude 5-character format e.g., *H5250 = 52°30' NORTH 050°00' WEST*. (Paragraph 5c refers)

4. Pilot Training on Map and FMC Displays of ½ Degree and Whole Degree Waypoints:

Operator initial and re-current training programs and operations manuals must have incorporated training and guidance to enable pilots to understand map and FMC displays of ½ degree and whole degree waypoints. (Paragraph 5b and Attachment B Figure 1 and 2 refer).

5. Pilot Procedures for Verifying Waypoint Degrees and Minutes Inserted into Aircraft Navigation Systems:

Pilot Pre-flight and In-flight procedures must call for each pilot to independently display and verify the DEGREES **and** MINUTES loaded into the Flight Management Computer (FMC) for each waypoint defining the cleared route of flight. This procedure is necessary regardless of the FMC waypoint input format being used. Procedures must call for **both** pilots to independently verify the waypoint coordinates inserted and concur on their accuracy prior to route activation. (Paragraph 5d refers).

6. Pilot Track and Distance Check:

It is strongly recommended that pilot pre-flight and in-flight procedures call for the pilot to compare the track and distance between waypoints shown on the Computer Flight Plan (CFP) to those displayed by the FMC.

Pilots should be aware that waypoint insertion errors of ½ degree of latitude may in some cases result in only small differences in track and distance, however, the track and distance check can help prevent waypoint insertion errors of one degree or more that have been observed in oceanic operations.

Note: the currency of magnetic variation tables loaded into aircraft navigation databases and the point at which the track is measured affect the track displayed on the FMC by as much as +/- 3 degrees. (Paragraph 5e refers)

7. Pilot Action When Notified By ATC of Possible Deviation From Cleared Track:

When ATC notifies the pilot that ATC systems indicate that the aircraft is not flying the cleared track, the pilot shall **immediately** display the full DEGREES and MINUTES loaded into the FMC for the NEXT waypoint, and verify against the cleared route. (Paragraph 5f refers)

8. Policy for Operational Airborne Collision Avoidance System II (ACAS II):

Prior to departure for flight on in airspace where RLatSM is applied, the ACAS II system shall be fully operational for the pilot flying (i.e., the TA and RA visual display and audio function will be operative for the pilot flying). If the ACAS II system is not fully operational for the pilot flying, the operator has the option of requesting clearance to operate on a track and/or at a FL where RLatSM is not applied. If the ACAS II system fails after departure, the aircraft may continue on the cleared route.

Note: The ACAS II (TCAS II) system must be a Version 7.0 or more recent version). (Paragraph 5g refers)

9. Pilot In-flight Contingency Procedures and Weather Deviation Procedures (Diversion, Turn-backs, etc.):

In training and checking programs, operators shall place special emphasis on pilot knowledge of and preparation to execute the *Special Procedures for Inflight Contingencies in Oceanic Airspace* published in ICAO Doc 4444, paragraph 15.2 and *Weather deviation procedures* (paragraph 15.2.3).

Pilots must be aware that when crossing adjacent tracks without an ATC clearance, the potential vertical separation provided by the In-flight Contingency Procedure is 500 ft. which may not adequately account for RVSM Altimetry System Error. Pilots must use all the steps called for in the Contingency Procedure to avoid conflict with other aircraft. Consideration should be given to intercepting the 15NM offset in the same direction of flight and then descending below FL 280 or climbing above FL 410 prior to crossing adjacent tracks or making a 180° turn back.

Pilots must also be aware that when unable to obtain an ATC clearance, Weather Deviation Procedures call for a climb or descent of 300 ft. based on direction of flight and direction of deviation, and, in addition, guidance to the pilot is to adjust the path of the aircraft, if necessary, to avoid aircraft at or near the same flight level.

Pilots must stringently follow all measures for avoiding conflict with other aircraft provided for in the Doc 4444 contingency procedures. (Paragraph 5h refers).

10. RLatSM Operational policies (aircraft CNS system failure, data link system failure, etc.):

Operators must be aware of the RLatSM operational policies posted in paragraph 5i. In particular, operators must be aware that all RLatSM required aircraft CNS systems must be operational PRIOR TO DEPARTURE and PRIOR TO ENTRY on to RLatSM tracks between FL 350–390 (inclusive). In addition, if RLatSM required aircraft systems fail WHILE OPERATING IN RLATSM AIRSPACE, ATC must be advised immediately so that an appropriate course of action can be determined.

11. Domestic ATC Agency Contact:

Pilots are reminded to ensure that they contact the appropriate **domestic** ATC agency BEFORE exiting oceanic airspace. (Paragraph 5j refers)

ATTACHMENT B – EXAMPLE FMC AND MAP DISPLAYS

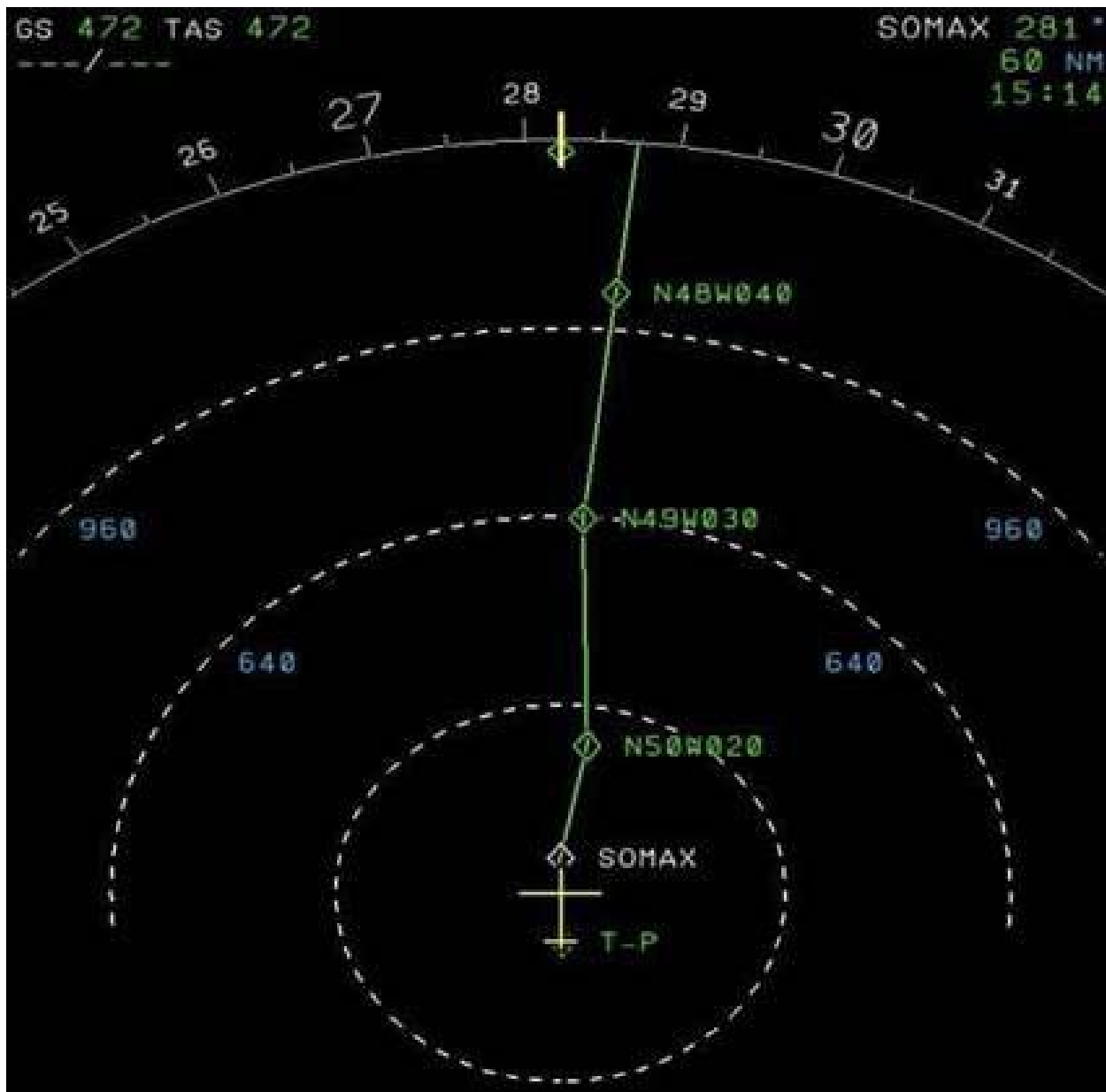
Note: Figure 1 and 2 are intended to support paragraph 5b (Pilot Training on Map and FMC Displays of ½ Degree and Whole Degree Waypoints). **The figures emphasize that for a large number of aircraft, the input of waypoints containing whole degrees of latitude and waypoints containing half-degrees of latitude will result in identical 7-character FMC and waypoint map displays.**

Figure 1. Example FMC Display: Full Waypoint Latitude and Longitude (13-characters) inserted into FMC



1. 52 degrees–30 minutes North latitude, 20 degrees West longitude inserted into the FMC using full latitude and longitude degrees, minutes and seconds (i.e., 13 characters)
2. The waypoint IDENT is truncated to 7 characters with no display of minutes of latitude.

Figure 2. Example Map Display: Full Waypoint Latitude and Longitude (13-characters) Inserted into FMC



1. 50 degrees–30 minutes North, 20 degrees West displayed is displayed in 7 characters. (N50W020)
2. **Minutes of latitude are not displayed.**
3. The Map display would be the same for 50 degrees North, 20 degrees West.

(Performance Based Flight Systems Branch, AFS-470, 10/7/16)

JANUARY 2017 UPDATE – NAT ATS SURVEILLANCE AIRSPACE PHASE 2 OF THE NORTH ATLANTIC REGIONAL DATA LINK MANDATE

1. Introduction

a. **Purpose of This Notice.** This Notice provides notice to U.S. operators of the plan for Phase 2 of the North Atlantic Data Link Mandate (NAT DLM). The plan was adopted at the Forty-ninth meeting of the North Atlantic Systems Planning Group (NAT SPG/49). As detailed below, Phase 2 is planned to be implemented in three phases (2A, 2B and 2C). Phase 2A was implemented on 5 February 2015. Phase 2B is planned for 7 December 2017 and Phase 2C is planned for 30 January 2020. The Notice provides information on: the expanded vertical and horizontal boundaries of NAT DLM airspace and policies for planning operations into NAT DLM airspace.

b. **January 2017 Update.** This Notice provides an update to the “ATS Surveillance Airspace Graphic”. (See paragraph 10). It also provides guidance for operation of aircraft that are not data link equipped on “Tango” routes, when DLM Phase 2B is implemented on 7 December 2017. (See paragraph 4).

2. Background

a. **NAT DLM Phase 2A.** DLM Phase 2A commenced on 5 February 2015. As of that date, all aircraft operating between FL 350 to FL 390 (inclusive) on or at any point along in the NAT organized track system (OTS) during the OTS validity period are required to be fitted with and using FANS 1/A (or equivalent) CPDLC and ADS-C equipment. (This phase applies to all aircraft operating on or at any point along the tracks).

Note: the “FAA NAT Resource Guide for U.S. Operators” provides information on NAT initiatives and programs, including this Notice. It can be accessed at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/NAT.pdf

It is recommended that “Google Chrome” be used to access the site.

b. **NAT DLM Phase 2B (7 December 2017).** DLM Phase 2B will commence on 7 December 2017. On that date the NAT DLM will apply between FL 350–FL 390 (inclusive) throughout the ICAO NAT Region.

c. **NAT DLM Objectives.** The objectives of the NAT DLM are to enhance communication, surveillance and ATC intervention capabilities in the NAT Region in order to reduce collision risk and enable the NAT Target Level of Safety to be met, particularly in the vertical plane. ADS-C provides capabilities for conformance monitoring of aircraft adherence to cleared route and FL, thereby, significantly enhancing safety in the NAT Region. ADS-C also facilitates search and rescue operations and the capability to locate the site of an accident in oceanic airspace. CPDLC significantly enhances air/ground communication capability and, therefore, controller intervention capability.

d. **NAT DLM Equipage Goals.** The NAT SPG goals for the expansion of the NAT DLM are in concert with the ICAO Global Air Navigation Plan (GANP) (Doc 9750), Aviation System Block Upgrade (ASBU) Block 0, Module B0–40 (2013–2018). This module calls for safety and efficiency improvements for enroute operations supported by data link. The NAT SPG goals are that: by 2018, 90% of aircraft operating in the NAT Region airspace at FL290 and above will be equipped with FANS 1/A (or equivalent) ADS-C and CPDLC systems, and, that by 2020, 95% of aircraft operating in that airspace will be so equipped.

3. Planned Vertical and Horizontal Boundaries For NAT Region DLM Airspace

- **Phase 2A commenced 5 February 2015:** FL350 to FL390 (inclusive) all tracks within the NAT Organized Track System (OTS). (This phase applies to all aircraft operating on or at any point along the tracks;
- **Phase 2B commencing 7 December 2017:** FL350-FL390 (inclusive) throughout the ICAO NAT Region;
- **Phase 2C commencing 30 January 2020:** FL290 and above throughout the ICAO NAT Region.

4. Airspace NOT INCLUDED in NAT Region DLM Airspace

- **ATS Surveillance Airspace.** “ATS Surveillance Airspace” is airspace where surveillance is provided by radar, multilateration, and/or ADS-B **and** VHF voice communications are available. Aircraft must be suitably equipped with transponder/ADS-B Extended Squitter (ES) transmitter).

Note: for planning purposes, a depiction of ATS Surveillance Airspace, where flights are considered to be exempt from the DLM in the NAT Region is provided below in the “**January 2017 Update: ATS Surveillance Airspace Graphic**”. See paragraph 10. ATS Surveillance Airspace is also depicted in State AIP’s.

- **Airspace north of 80° North.** (Airspace north of 80°N lies outside the reliable service area of geostationary satellites).
- **The New York Oceanic FIR**
- **Tango routes.** When DLM Phase 2B commences on 7 December 2017, aircraft not data link equipped will be allowed to continue to operate on the routes specified below:
 - **T9 and T213.** Aircraft not data link equipped will be allowed to operate on T9 and T213 until solutions to provide ATS surveillance and VHF coverage on those routes are implemented. (When that coverage is provided, the NAT DLM would no longer be applicable to those routes. T213 will be moved to the east in order to provide ATS Surveillance and VHF coverage). ATS surveillance and VHF coverage will be provided on these routes as early as possible, but no later than 30 January 2020.
 - **T16 (until 30 January 2020).**

Note: aircraft operators using Tango routes within the NAT DLM area of applicability will either complete their fleet upgrades by January 2020 or will not be allowed to operate in DLM airspace.

5. Flights Allowed To Flight Plan Into NAT Region Phase 2 DLM Airspace. The following flights will be permitted to flight plan to enter the NAT DLM airspace:

- Equipped Flights.** Flights equipped with and prepared to operate FANS 1/A (or equivalent) CPDLC and ADS-C data link systems.
- Specific Categories of Non-equipped Flights:** Non-equipped flights that file STS/FFR, HOSP, HUM, MEDEVAC SAR, or STATE in Item 18 of the flight plan. (Depending on the tactical situation at the time of flight, however, such flights may not receive an ATC clearance which fully corresponds to the requested flight profile).

6. Operational Policies Applicable To NAT Region Phase 2 DLM Airspace

- **Climb or Descent of Non-equipped Aircraft.** Any aircraft not equipped with FANS 1/A (or equivalent) systems may request a continuous climb or descent without intermediate level off through NAT DLM airspace. Such requests will be considered on a tactical basis.
- **Altitude Reservation (ALTRV) Requests.** ALTRV requests will be considered on a case by case basis (as is done today regarding NAT MNPS airspace), irrespective of the equipage status of the participating aircraft.
- **FANS 1/A (or equivalent) Datalink System Failure Prior to Departure.** If a flight experiences an equipment failure **PRIOR TO DEPARTURE** which renders the aircraft non-DLM compliant, the flight should flight plan so as to remain clear of NAT Regional DLM Airspace.
- **FANS 1/A (or equivalent) Datalink System Failure After Departure.** If a flight experiences an equipment failure **AFTER DEPARTURE** which renders the aircraft unable to operate FANS 1/A (or equivalent) CPDLC and/or ADS-C systems, requests to operate in the NAT DLM Airspace will be considered on a tactical basis. Such flights must notify ATC of their status **PRIOR TO ENTERING** the airspace.
- **FANS 1/A (or equivalent) Datalink System Failure After Entering NAT DLM Airspace.** If a FANS 1/A data link equipment failure occurs while the flight is **OPERATING WITHIN NAT DLM AIRSPACE**, ATC must be immediately advised. Such flights may be re-cleared so as to avoid the airspace, but consideration will be given to allowing the flight to remain in the airspace, based on tactical considerations.

7. European/North Atlantic (EUR/NAT) Interface.

a. Where the NAT interfaces with the EUR Data Link Implementation Rule airspace, procedures will be established by the ANSPs concerned to facilitate the vertical transition of traffic to and from the NAT Region Data Link Mandate and the EUR Data Link Implementation Rule areas. The transition will be conducted as soon as is practicable by the initial EUR Domestic area along the common FIR/UIR boundary bordering the NAT Region Data Link Mandate. For flights exiting the NAT Region DLM airspace, operators and the ANSP's shall ensure that the vertical transition is complete prior to crossing any subsequent FIR/UIR boundary.

8. U.S. Operator Requirement For Operational Authorization To Use FANS 1/A (or equivalent) Data Link Systems.

a. U.S operators are required to obtain operational authorization prior to using FANS 1/A data link systems. U.S. FAA guidance on the process and procedures for operational authorization and aircraft data link system approval can be found in the following documents:

- (1) **AC 20-140** (as amended) (Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)).

Note: the Inmarsat I3 and Inmarsat I4 Classic Aero sub-networks and Iridium Short Burst Data have been determined to be acceptable for data link services in the NAT Region.

- (2) **AC 120-70** (as amended) (Operational Authorization Process for Use of Data Link Communication System)

b. These documents are posted on the “FAA NAT Resource Guide For U.S. Operators” under: COMM/Nav/Surveillance, Data Link Communications. See paragraph 2 above for access to the Resource Guide.

c. The U.S. FAA will grant operational authorization for operators to use FANS 1/A data link by issuing an Operational Specifications or Management Specifications paragraph A056 (Data Link Communications), as appropriate, or a part 91 Letter of Authorization A056 (Data Link Communications).

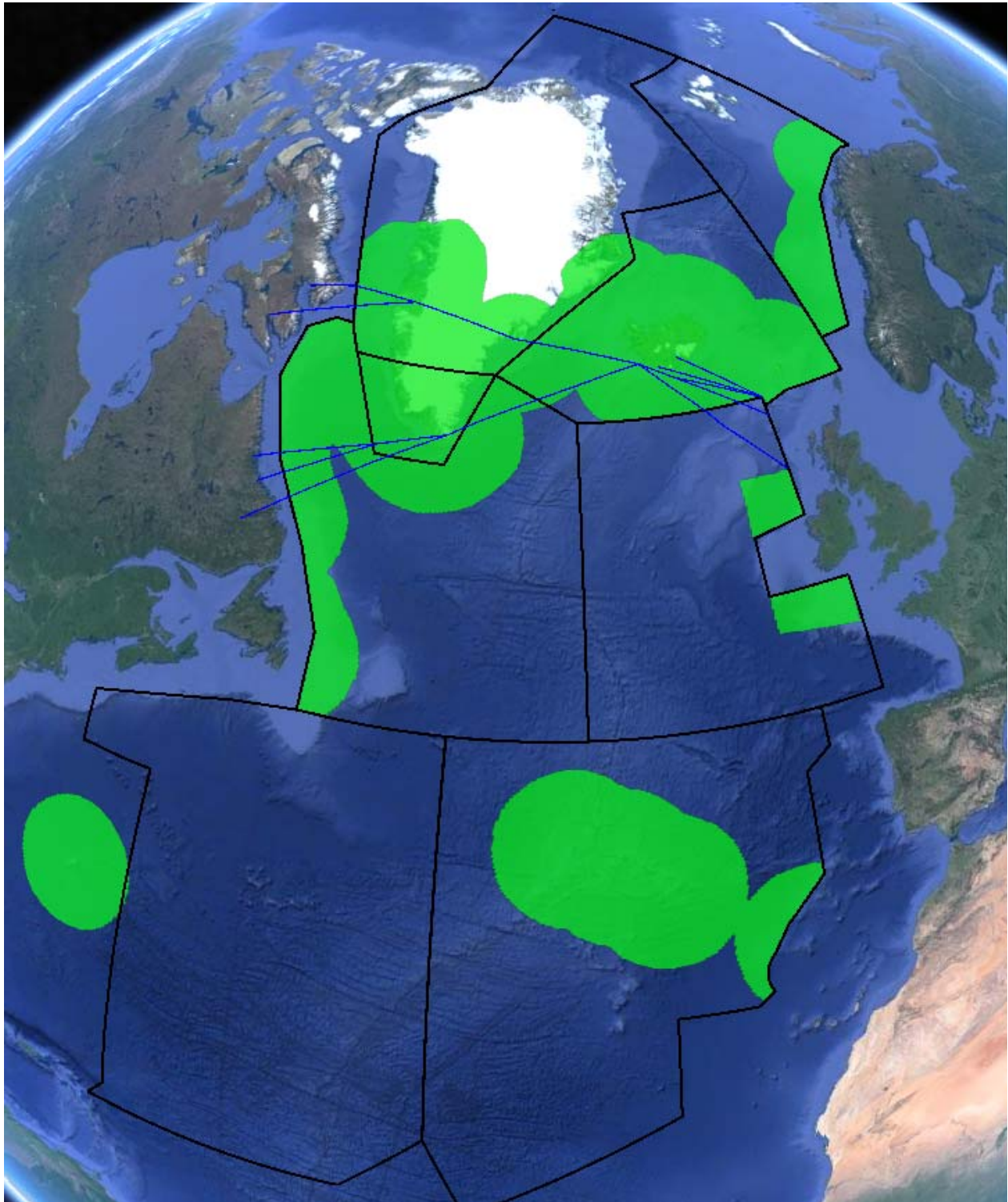
9. Contacts

Name	Organization	Phone	Email
Roy Grimes	CSSI, Inc., Performance Based Flight Systems Branch (AFS-470) program support	202-863-3692	RGrimes@cssiinc.com;
Mark Wisniewski	SAIC, AFS-470 program support	202-267-8843	Mark.CTR.Wisniewski@faa.gov;
Madison Walton	AFS-470	202-267-8850	Madison.Walton@faa.gov;
Mark Patterson	AFS-470	202-267-8848	Mark.Patterson@faa.gov;

10. January 2017 Update to NAT “ATS Surveillance Airspace Graphic”. The “January 2017 Update: ATS Surveillance Airspace Graphic” updates the depiction of the airspace. **ATS Surveillance Airspace is located in the green shaded areas shown in the graphic.**

(Performance Based Flight Systems Branch, AFS-470, 1/31/17)

January 2017 Update: ATS Surveillance Airspace Graphic - NAT Regional Data Link Mandate Phase 2



Note 1. ATS surveillance and VHF voice coverage is provided at and above FL 300 in the green shaded areas.

Note 2. the blue lines on the map represent the NAT Blue Spruce Routes.

Operational Policy/Procedures for 30 Nautical Mile (NM) Lateral, 30 NM Longitudinal and 50 NM Longitudinal Separation in the Anchorage, Oakland and New York Oceanic Control Areas (CTAs)

1. Applicability and Areas Affected (Date/Time and Area)

1.1 Applicability. The policies, guidance and procedures in this section apply to appropriately authorized and equipped aircraft operating throughout the Anchorage, Oakland and New York Oceanic Control Areas (CTAs), excluding the Anchorage Arctic FIR.

1.2 Date/Time. Since December 2005 Oakland Air Route Traffic Control Center (ARTCC), November 2012 Anchorage ARTCC and beginning in December 2013 New York ARTCC, have applied 30 NM lateral, 30 NM longitudinal and 50 NM longitudinal separation between suitably equipped and authorized pairs of aircraft throughout the respective CTAs/Flight Information Regions (FIRs). The ARTCCs continue to accommodate operators that are not eligible for the reduced separation minima. Published ATS routes and other tracks have not changed. Minimum separation based on ADS-C between aircraft authorized RNP 4 and aircraft authorized Required Navigation Performance 10 (RNP 10) will continue to be 50 NM lateral and 50 NM longitudinal. Lateral and longitudinal separation standards applied between RNP 10 and Non-RNP aircraft also remains unchanged.

2. Requirements for Aircraft and Operators.

2.1 Communication, Navigation and Surveillance Requirements. The combination of RNP values, specified communication capability and necessary surveillance and the associated separation minimum are in table:

CNS Requirements

Separation Minimum	Navigation Requirement	Communications Requirement	ADS-C Surveillance Requirements
50 NM longitudinal	RNP 10	CPDLC	Position report at least every 27 minutes (at least every 32 minutes if both aircraft are approved for RNP-4 operations)
30 NM longitudinal	RNP 4	CPDLC	ADS-C position report at least every 10 minutes (14 minutes in Oakland)
30 NM lateral	RNP 4	CPDLC	ADS-C-based lateral deviation event contract with 5NM lateral deviation from planned routing set as threshold for triggering ADS report of lateral deviation event

2.2 RNP Authorizations and Equipage. For reduced separation to be applied, the aircraft and operator must be authorized by the State of the operator or State of Registry, as appropriate, for the required RNP specification. The aircraft must be equipped with two approved long range navigation systems that will enable the aircraft to maintain the required navigation performance for the duration of flight in the applicable airspace. The aircraft must be equipped with a FANS-1/A package (or equivalent) that includes satellite CPDLC and ADS-C that meets the standards of RTCA DO 258 using ARINC 622 Data Communication Standard. CPDLC communications and ADS-C surveillance must be conducted in accordance with ICAO *Global Operational Data Link Document (GOLD)*, as amended, and maintained for the duration of the flight

in the applicable CTA. Pilots and, if applicable, dispatchers must be trained on policies and procedures for 30 NM lateral, 30 NM longitudinal and 50 NM longitudinal requirements including the use of satellite CPDLC and ADS-C in oceanic airspace. See the ICAO Document (Doc) 9613, *Performance-based Navigation (PBN) Manual* and Advisory Circular 90-105A Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace.

NOTE-

Currently RNP4 and RNP 10 are the only navigation specifications applicable to oceanic operations. However, RNP 2 is being developed and once implemented aircraft and operators authorized RNP 2 should be eligible for these reduced separation minima.

2.3 Data Link Operational Authorization. U.S. operators are required to obtain operational authorization prior to using FANS 1/A data link systems. Data link authorizations should be in accordance with FAA AC 20-140 (as amended), *Guidelines for Design Approval of Aircraft Data Link Communication Systems Supporting Air Traffic Services (ATS)* and FAA AC 120-70 (as amended), *Operational Authorization Process for Use of Data Link Communication System*.

3. Flight Planning Requirements:

To inform ATC, and to key Ocean21 automation, that aircraft operators have appropriate operational authorizations and are therefore eligible for 30 NM lateral, 30 NM longitudinal or 50 NM longitudinal separation, operators must annotate their flight plans in accordance with the following table:

Flight Plan Filing Requirements

Item 10a. Radio communication, navigation and approach aid equipment and capabilities: • CPDLC capabilities: J5 (CPDLC FANS 1/A SATCOM (INMARSAT)) and/or J7 (CPDLC FANS 1/A SATCOM(Iridium)), J6 (CPDLC FANS 1/A SATCOM (MTSAT, where applicable)) • Navigation: R (PBN approved) (see related Item 18 entry below)
Item 10b. Surveillance equipment and capabilities: • D1 (ADS-C with FANS 1/A capabilities)
Item 18. Other Information: • PBN/L1 (RNP 4) • PBN/A1 (RNP 10) NOTE- If only RNP 10 is filed then separation is limited to 50 NM

4. Special Emphasis Items.

4.1 Weather Contingency Procedure. Weather deviation procedures can be found in ICAO Doc 4444, *Procedures for Air Navigation Services – Air Traffic Management (PANS-ATM)*, Chapter 15.2.3. Pilots maneuver (deviate) around convective weather on a regular basis in the course of operations. Weather, therefore, was a major factor considered in establishing the ATC, operator and aircraft requirements for reducing horizontal separation minima to 30 NM. For weather avoidance maneuvers in areas where 30 NM lateral and 30 NM longitudinal separation minima are applied, operators must train the procedures in the ICAO Doc 4444. Emphasis should be placed on the following:

Weather Contingency Items

• In accordance with ICAO Doc 4444, pilots are reminded that, regardless of the magnitude of a deviation from assigned route, whenever possible, clearance should be requested in advance from ATC. This does not apply to deviations associated with Strategic Lateral Offset Procedures (SLOP). Prior coordination with ATC will help prevent the aircraft generating unnecessary alerts to ATC for lateral deviation events.
• Pilots should not assume that the Ocean21 system will quickly detect significant changes to the aircraft flight path. Unlike radar, the Ocean21 system does not receive aircraft position updates in real-time. Aircraft position is updated to the Ocean21 system at intervals of up to 10 minutes, when 30 NM lateral and 30 NM longitudinal separation is applied. Controllers can change the update intervals as the situation warrants.
• It is therefore imperative that pilots keep ATC advised, via CPDLC (or HF voice, if necessary), of their intentions (including significant airspeed changes and/or turbulence conditions) during the initial weather avoidance maneuver and any subsequent maneuvers to avoid convective weather. In order to enhance situational awareness, flight crews should consider broadcasting on 123.45 or 121.5 their intentions to deviate from weather - particularly if an ATC weather deviation is not obtained. This could be a significant event in reduced lateral separation situations.
• Pilots must be aware that other aircraft could be approximately 30NM ahead or behind them on the same track and inform ATC expeditiously of changes to flight path or airspeed that could erode longitudinal separation.
• In particular, for the weather deviation procedures, pilots should be aware of the provision to climb or descend 300 feet (depending on the direction of flight and direction of deviation from track) to mitigate the chance of conflict with other aircraft when forced to deviate without a clearance.
• It is recommended that ACAS be operational for aircraft to which 30 NM lateral and 30 NM longitudinal separation minima can be applied. ACAS is not a separation maintenance tool, but provides valuable data to alert the pilot to the presence and proximity of nearby aircraft in contingency and weather deviation situations.

4.2 15NM Offset Contingency Procedures. Guidance published in ICAO Doc 4444, Chapter 15.2 reflects current ICAO guidance calling for a 15 NM track offset when unable to obtain ATC clearance prior to executing maneuvers for contingencies such as rapid descent, turn-back or diversion. This is of particular importance for aircraft to which 30 NM separation minima can be applied.

4.3 GOLD Procedures for Data Link Operations and Conditional Clearances. A conditional clearance is an ATC clearance given to an aircraft with certain conditions or restrictions such as changing a flight level based on a time or place. Conditional clearances add to the operational efficiency of the airspace. However, conditional clearances have been associated with a large number of pilot deviations. These types of clearances require special attention by the flight crew and operators should develop training material to emphasize proper procedures for executing them accordingly. Resources available for aircrew to properly interpret conditional clearances (and which may assist operators in developing training material) can be found in the ICAO Global Operational Data Link Document (GOLD), Chapter 5 and paragraph 5.3.3. Additionally, the North Atlantic Oceanic Error Safety Bulletin (OESB) provides operators information on procedures and best practices for dealing with conditional clearances. Both the GOLD and the latest version of the OESB can be found in the “NAT Resource Guide for US Operators”. See the web link in paragraph 3.

4.4 Aircraft Navigation or Data Links System Malfunction. Pilots must advise ATC of any loss of CPDLC and/or ADS-C capability or an inability to continue to meet RNP-4. ATC will then apply the separation standard appropriate to the situation.

4.5 Air Traffic System Malfunction. If there is a known malfunction of the CPDLC or ADS-C ground system, ATC will contact aircraft and apply separation appropriate to the situation.

4.6 Verifying correct RNP Values prior to entering oceanic and remote airspace. RNP procedures and routes may require the use of RNAV systems with on-board performance monitoring and alerting. A critical component of RNP is the ability of the aircraft navigation system, in combination with the pilot, to

monitor its achieved navigation performance and to identify for the pilot whether the operational requirement is, or is not, being met. Operators conducting oceanic operations must verify the RNP value is properly entered into the FMC, from the flight plan, prior to the aircraft entering oceanic or remote airspace.

4.7 Pilot Report of NonRNP10 or RNP 4 Status. If RNP 10 or RNP 4 approval status is requested by the air traffic controller, the pilot shall communicate approval status using the following phraseology:

RNP 10 or 4 Approval Status

Controller Request	Pilot Response
“(call sign) <i>confirm RNP 10 or 4 approved</i> ”	“ <i>Affirm RNP 10 approved</i> ” or “ <i>Affirm RNP 4 approved</i> ”, as appropriate; or “ <i>Negative RNP 10</i> ”

4.7 Strategic Lateral Offset Procedures (SLOP). Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in ICAO Doc 4444, paragraph 16.5 and. FAA Notices.

4.8 Monitoring Aircraft Navigation. The FAA will monitor and document aircraft navigation errors and system malfunctions. Operators are required to cooperate in follow up investigations of these events. Monitoring is used to verify separation safety and as a means to detect trends in operational practice.

5. Points of contact. If there are questions or requests, one of the following may be contacted:

Steve Smoot	FAA Flight Standards Support, CSSI, Inc.	+1 202-267-8855	ssmoot@cssiinc.com
Kim Joyce	FAA Flight Standards Support, CSSI, Inc.	+1 480-459-5786	kjoyce@cssiinc.com
Roy Grimes	FAA Flight Standards Support, CSSI, Inc.	+1 202-863-3692	rgrimes@cssiinc.com
Madison Walton	FAA Flight Standards Service, AFS-470	+1 202-267-8850	madison.walton@faa.gov
Keith Dutch	FAA Oceanic and Offshore Operations , North Pacific, AJV-824	+1 202-385-8459	keith.dutch@faa.gov
Steven Pinkerton	FAA Oceanic and Offshore Operations, North Atlantic, AJV-824	+1 202-385-8384	steven.pinkerton@faa.gov

15 NOVEMBER 2012 UPDATE

WATRS PLUS ROUTE STRUCTURE REDESIGN & SEPARATION REDUCTION OPERATIONAL POLICY AND PROCEDURES

Introduction. In June 2008, the FAA implemented a redesigned route structure, a reduced lateral separation standard and associated operational policies on oceanic routes or areas in the WATRS Plus Control Areas (CTA). This Notice provides information on operational policies and procedures applied in WATRS Plus CTAs.

Background. In 1998, lateral separation was reduced to 50 NM in conjunction with the introduction of Required Navigation Performance 10 (RNP 10) for aircraft operating in the North Pacific Route System. Since that time, application of 50 NM lateral separation and RNP 10 has been expanded throughout the

Pacific Flight Information Regions (FIR) and other global oceanic airspace. The WATRS Plus initiative applied the experience gained in those operations.

CTAs Affected.

- Route structure redesign and 50 NM lateral separation was implemented in the following CTAs:
 - the Atlantic portion of the Miami Oceanic CTA
 - the San Juan CTA/FIR and
 - the West Atlantic Route System (WATRS).
- New York Oceanic airspace outside of WATRS is transition airspace. 50 NM lateral separation may be applied in this airspace between aircraft authorized RNP 10 or RNP 4.

Note: the WATRS Plus route structure redesign chart is posted on the WATRS Plus Webpage.

Project Objectives. The WATRS Plus project:

- Reduced lateral separation on oceanic routes or areas from 90 NM to 50 NM between aircraft authorized RNP 10 or RNP 4.
- Has over 95% of WATRS Plus flights conducted by operators/aircraft that have been authorized RNP 10 or RNP 4 by the appropriate State (country) authority.
- Accommodates operation of the small percentage of flights not meeting the RNP 10 minimum requirement. See paragraph below and paragraph 4 for further explanation.
- Redesigned the WATRS Plus route structure to make approximately 40% more routes available to enhance operator access to time/fuel efficient routes and altitudes and to enhance en-route capacity.
- Harmonized the WATRS Plus route structure with that in the Caribbean and North Atlantic regions.

Proposal to Require, On Date To Be Determined, RNP 10 or RNP 4 Authorization Between Flight Level 290-410 (inclusive). The FAA is planning to propose a change that would be effective on a date to be determined. The proposal will likely be to require RNP 10 or RNP 4 authorization for cruise operations on oceanic routes or areas in the WATRS Plus CTAs between FL 290-410 (inclusive). In WATRS Plus airspace, RNP 10 and RNP 4 authorization requires equipage with at least two Long Range Navigation Systems (LRNS). The content of and effective date for the change is planned to be coordinated with the U.S. and international aviation community and will probably require a revision to FAA regulations.

Table of Contents. The following is a list of the major paragraphs that follow:

1. WATRS Plus Information: Policy, Procedures and Guidance For Operators and Regulators
2. Lateral Separation Standards To Be Applied
3. Operation On Routes Within the WATRS CTAs Not Requiring RNP 10 or RNP 4 Authorization
4. Provisions For Accommodation of NonRNP10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4)
5. Operator Action
6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators
7. Flight Planning Requirements
8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures
9. Flight Of Aircraft Previously Authorized RNP 10 Or RNP 4 With One Long-Range Navigation System Operational

10. Contacts For Questions

11. FAA Project Leads

OPERATIONAL POLICY AND PROCEDURES

1. WATRS Plus Information: Policy, Procedures and Guidance For Operators and Regulators.

Information on WATRS Plus plans, policies and procedures is posted on the West Atlantic Route System, Gulf of Mexico and Caribbean Resource Guide for U.S. Operators which is available at:

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

The Resource Guide contains detailed guidance on operator and aircraft authorization for RNP 10 or RNP 4 including Job Aids with references to FAA and ICAO documents.

2. Lateral Separation Standards To Be Applied

- a. 50 NM lateral separation is applied in the WATRS Plus CTAs between aircraft authorized RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.
- b. 50 NM lateral separation is applied in the New York Oceanic CTA/FIR outside of WATRS between aircraft authorized RNP 10 or RNP 4 operating at any altitude above the floor of controlled airspace.
- c. Within the WATRS Plus CTAs, the lateral separation standard applicable to non-RNP-10 aircraft is 90 NM.
- d. Policies for application of other lateral separation standards in airspace outside the WATRS Plus CTAs are not affected.

3. Operation On Routes Within the WATRS Plus CTAs Not Requiring RNP 10 or RNP 4 Authorization. Operation on certain routes that fall within the boundaries of WATRS Plus CTAs is not affected by the introduction of RNP 10 and 50 NM lateral separation. Operation on the following routes is **not** affected:

- a. Routes that are flown by reference to ICAO standard ground-based navigation aids (VOR, VOR/DME, NDB), such as the routes in the airspace between Florida and Puerto Rico.
- b. Routes that are located within radar and VHF coverage. WATRS Plus route segments M201 between BAHAA and PAEPR and L453 between PAEPR and AZEZU have replaced A761 between HANRI and ETOCA and R511 between ELTEE and AZEZU. **At and above FL 310**, the new route segments are within radar and VHF coverage. Operations at and above FL 310 on these route segments does **not** require RNP 10 or RNP 4 authorization and remains the same as those conducted on the old A761 and R511 route segments. Pilots shall not apply Strategic Lateral Offset Procedures (SLOP) on these route segments.
- c. Special Area Navigation (RNAV) routes located in the airspace between Florida and Puerto Rico. The old “T-routes” were re-designated as “Y-routes” on 5 June 2008. **These special RNAV routes are not part of the WATRS Plus route structure.**

4. Provisions for Accommodation of Non-RNP 10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4).

4). Operators of NonRNP10 aircraft shall follow the practices detailed below.

- a. As of 15 November 2012 at 0000 UTC, **when filing an ICAO flight plan under NEW ICAO FPL 2012 provisions**, operators of non-RNP 10 aircraft **shall** annotate ICAO flight plan Item 18 as follows:
“RMK/NONRNP10” (no space between letters and numbers).
- b. **Pilot Report to ATC.** Pilots of non-RNP 10 aircraft that are flight planned to operate or are operating on WATRS Plus “L” and “M” routes shall report the lack of authorization by stating “Negative RNP 10” in the:

- Atlantic portion of the Miami Oceanic CTA
- New York Oceanic CTA/FIR
- New York Atlantic High Offshore Airspace
- San Juan CTA/FIR
 - on initial call to ATC and...
 - in read back of clearance to descend from FL 410 and above. (See paragraph 4e below).
 - if approval status is requested by the controller. (See paragraph 8h below).

c. Operators of non-RNP 10 aircraft shall **not** annotate ICAO flight plan Item 18 (Other Information) indicating RNP 10 or RNP 4 capability as shown in paragraph 7, if they have **not** obtained RNP 10 or RNP 4 authorization.

d. NonRNP10 operators/aircraft are able to file most WATRS Plus routes at any altitude. Some routes, however, may require special routing for Non-RNP 10 aircraft. Check the West Atlantic, Gulf of Mexico and Caribbean Resource Guide for related FAA Notices. Non-RNP 10 operators are cleared to operate on preferred routes and altitudes as traffic permits. Aircraft that are authorized RNP 10 or RNP 4, however, will have a better opportunity of obtaining their preferred altitude and route because the 50 NM lateral separation standard is applied to those aircraft. 50 NM lateral separation is not applied to non-RNP 10 aircraft.

e. NonRNP10 aircraft retain the option of climbing to operate at altitudes above those where traffic is most dense (i.e., at/above FL 410). To minimize the chance of conflict with aircraft on adjacent routes, non-RNP 10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage.

f. All aircraft can enhance their opportunity to be cleared on their preferred route and altitude if they operate at non-peak hours, approximately 0100 to 1100 UTC.

5. Operator Action. Operators capable of meeting RNP 10 or RNP 4 that operate on oceanic routes or areas in WATRS Plus CTAs between flight level (FL) 290-410, where competition for routes and altitudes is greatest, should obtain authorization for RNP 10 or RNP 4 and annotate the ICAO flight plan in accordance with paragraph 7. The FAA also strongly recommends that operators flying on oceanic routes or areas above or below those FLs obtain RNP 10 or RNP 4 authority to enhance their operational flexibility.

6. RNP 10 or RNP 4 Authorization: Policy and Procedures For Aircraft and Operators

a. In accordance with ICAO guidance, RNP 10 and RNP 4 are the only navigation specifications (nav specs) applicable to oceanic and remote area operations. (See note below). Other RNAV and RNP nav specs are applicable to continental en route, terminal area and approach operations.

Note: “RNP navigation specification” (e.g., RNP 10) is the term adopted in the new ICAO Performance Based Navigation (PBN) Manual (Doc 9613). It replaces the term “RNP type”.

b. **Responsible State Authority (ICAO Guidance).** The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.

- International Commercial Operators. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).
- International General Aviation (IGA) Operators. The State of Registry makes the determination that aircraft meets the applicable RNP requirements and issues operating authority (e.g., Letter of Authorization (LOA)).

c. **FAA Documents.** The guidance and direction of Advisory Circular (AC) 90-105A Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace will be used to authorize RNP 4 and RNP 10. AC 90-105A is consistent with the ICAO PBN Manual guidance discussed below. FAA and ICAO documents are posted on the available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide.

d. **ICAO Performance Based Navigation (PBN) Manual (new Doc 9613).** In a letter to States dated 27 April 2007, ICAO urged States to use the *ICAO Performance Based Navigation (PBN) Manual* to establish approval policies and processes for RNP and RNAV operations. RNP 10 guidance is provided in Volume II, Part B; Chapter 1. RNP 4 guidance is in Volume II, Part C; Chapter 1. The ICAO

e. **RNP 10 and RNP 4 Job Aids.** Operators and authorities should use the RNP 10 or RNP 4 Job Aids posted on the available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate documents. One set of RNP 10 and RNP 4 Job Aids provides references to FAA documents and another set provides references to ICAO documents. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.

f. **Requirement For Equipage With At Least Two Long-Range Navigation Systems (LRNS) Meeting RNP 10 or RNP 4 Standards.** For WATRS Plus operations, RNP 10 and RNP 4 authorization require aircraft equipage with at least two LRNS with functionality and display adequate for the operation.

Note: see paragraph 8c for policy on LRNS failure or malfunction enroute.

g. **RNP 10 Time Limit For INS or IRU Only Equipped Aircraft.** Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation. Extended RNP 10 time limits of 10 hours and greater are already approved for many IRU systems.

7. **Flight Planning Requirements.** Operators shall make ICAO flight plan annotations in accordance with this paragraph and, if applicable, paragraph 4.

a. **ICAO Flight Plan Requirement.** ICAO flight plans shall be filed for operation on oceanic routes and areas in the WATRS Plus CTAs.

b. **ICAO Flight Plan AFTN Addressing For Operations in the New York Oceanic CTA/FIR** (including WATRS). All flights entering the New York Oceanic CTA/FIR shall address flight plans to **KZWYZOZX**. All flights entering the New York Oceanic CTA/FIR and a U.S. ARTCC (except Boston) and/or Bermuda airspace shall address flight plans to both **KZWYZOZX** and the appropriate U.S. ARTCC. (See table below). If operators do not address flight plans to **KZWYZOZX**, 50 NM lateral separation cannot be applied to them.

<u>Airspace To Be Entered:</u> New York Oceanic CTA/FIR and U.S. ARTCCs	<u>Required AFTN addresses</u>
New York (NY) Oceanic CTA/FIR	KZWYZOZX

Boston ARTCC & NY Oceanic	KZWYZOZX only. (This change confirmed on 19 June 08).
NY domestic and/or Bermuda & NY Oceanic	KZNYZQZX & KZWYZOZX
Washington (KZDC) & NY Oceanic	KZDCZQZX & KZWYZOZX
Jacksonville (KZJX) & NY Oceanic	KZJXZQZX & KZWYZOZX
Miami (KZMA) & NY Oceanic	KZMAZQZX & KZWYZOZX
San Juan & NY Oceanic	TZSUZRZX & KZWYZOZX

c. To inform ATC and to key Ocean21 automation that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators **shall**:

(1) Annotate ICAO Flight Plan Item 10a (Equipment) with the letter “R” and...

(2) Annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**). (“PBN” is “Performance-based Navigation”).

d. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy.

e. **Operators that have not obtained RNP 10 or RNP 4 authorization shall not annotate ICAO flight plan Item 18 (Other information) indicating RNP 10 or RNP 4 capabilities, but shall follow the practices detailed in paragraph 4 of this notice.**

8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures

a. **General.** Operator applications/programs for RNP 10 or RNP 4 authorization must address operational and airworthiness policy and procedures related to WATRS Plus route structure redesign and 50 NM lateral separation implementation. The RNP 10 and RNP 4 Job Aids available in the West Atlantic, Gulf of Mexico and Caribbean Resource Guides contain sections on pilot and, if applicable, dispatcher training/knowledge and on operations manuals or comparable operations documents. The Job Aids also provide references to source documents.

b. **Basic Pilot Procedures.** The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:

- AC 90-105A chapters 8, 9 and 10.
- ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10): paragraphs 1.3.4, 1.3.5 and 1.3.6
- ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4): paragraphs 1.3.4, 1.3.5 and 1.3.6

c. **LRNS Failure or Malfunction After Entry Onto WATRS Plus Oceanic Routes or Areas.** The following is WATRS Plus CTA policy for LRNS failure or malfunction enroute:

(1) To conduct operations as an RNP 10 or RNP 4 operator/aircraft, at least two RNP 10 or RNP 4 authorized LRNSs shall be operational at entry on to oceanic route segments or areas in the WATRS Plus CTAs. **(See paragraph 9 for pilot actions in situations where only one LRNS is determined to be operational prior to entry on to oceanic route segments or areas in the WATRS Plus CTAs).**

(2) After entry on to an oceanic route segment or area within the WATRS Plus CTAs, if an LRNS fails or malfunctions and only one LRNS remains operational, the pilot shall inform ATC. ATC will acknowledge

and monitor the situation. The aircraft may continue on the cleared route provided that, in the pilot's judgment, the remaining LRNS will enable the aircraft to be navigated within approximately 10 NM of the cleared route center-line. If that is not the case, then paragraph (3) below applies.

(3) If, in the pilot's judgment, the aircraft cannot be navigated within approximately 10 NM of the cleared route center-line:

- i. the pilot shall advise ATC of the situation and coordinate a course of action
- ii. the pilot shall: consider the best option to maintain the safety of the operation (e.g., continuing on route or turning back); whenever possible obtain an ATC clearance before deviating from cleared route or flight level and keep ATC advised.
- iii. ATC will establish an alternative separation standard as soon as practicable, coordinate the safest course of action with the pilot and monitor the situation.
- iv. if coordination with ATC cannot be accomplished within a reasonable period of time, the pilot should consider climbing or descending 500 feet, broadcasting action on 121.5 and advising ATC as soon as possible.

d. **In-flight Contingency Procedures (e.g., Rapid Descent, Turn-back, Diversion).** In-flight contingency procedures for oceanic airspace now published in FAA Notices, available on the West Atlantic, Gulf of Mexico and Caribbean Resource Guide and published in ICAO Document 4444 must be emphasized in pilot training/knowledge programs. The published procedures are applicable to the WATRS Plus CTA reduction of lateral separation from 90 NM to 50 NM.

e. **Special Emphasis: Maneuvering to Avoid Convective Weather in a 50 nm Separation Environment.** Pilots are required to maneuver (deviate) around convective weather on a regular basis in the course of WATRS Plus operations. Weather deviation procedures, therefore, must be emphasized in accordance with the following:

- Pilot training/knowledge programs and operations manuals or comparable operations documents must emphasize weather deviation procedures as published in FAA Notices and ICAO Document 4444 and provided in the U.S. AIP and page 3-INTL-16 of this document. Weather deviation procedures are addressed in the RNP 10 and RNP 4 Job Aids.
- It is imperative that pilots keep ATC advised of their intentions during the initial weather avoidance maneuver and any subsequent maneuvers to avoid convective weather.
- For distress or urgent situations, direct Air/Ground and Ground/Air satellite telephone service (SATVOICE) is available for communication with New York Oceanic, San Juan Center and ARINC. (Further information is provided in the U.S. AIP.)
- Pilots must be aware of the provision to climb or descend 300 feet (depending on the direction of flight and direction of deviation from track) to mitigate the chance of conflict with other aircraft **when forced to deviate without a clearance.**
- It is recommended that, if equipped, the Airborne Collision Avoidance System (ACAS (TCAS)) be operational. ACAS provides a valuable tool to alert the pilot to the presence and proximity of nearby aircraft in weather deviation situations.

f. **Strategic Lateral Offset Procedures (SLOP).** Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in FAA Notices, provided in the West Atlantic, Gulf of Mexico and Caribbean Resource Guide, and published on ICAO Document 4444. SLOP is addressed in the RNP 10 and RNP 4 Job Aids.

g. **Pilot Report of NonRNP10 Status.** The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with the following:

- When the operator/aircraft is not authorized RNP 10 or RNP 4. **See paragraph 4.**
- If approval status is requested by the controller in accordance with paragraph 8h below.
- When an operator/aircraft previously granted RNP 10 or RNP 4 authorization is operating with only one operational LRNS. **See paragraph 9.**

h. **Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested.** If requested by the controller, the pilot shall communicate approval status using the following phraseology:

Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	“Affirm RNP 10 approved” or “Affirm RNP 4 approved”, as appropriate, or... “Negative RNP 10” (See paragraph 4 for NonRNP10 aircraft procedures).

9. Flight Of Aircraft Previously Authorized RNP 10 Or RNP 4 With One Long-Range Navigation System Operational

a. To the maximum extent possible, operators that are authorized RNP 10 or RNP 4 should operate on WATRS Plus oceanic routes in compliance with those standards. If the situation warrants, however, operators may fly an aircraft on WATRS Plus oceanic routes with one LRNS operational. The intent of this policy is to allow an aircraft to complete the flight to its destination and/or be flown to a location for repair. For U.S. operators conducting operations under Part 121, 125 or 135 of the Code of Federal Regulations, Operations Specifications paragraph B054 (Class II (Oceanic) Navigation Using Single Long-Range Navigation System) applies.

b. **One LRNS Operational Prior to Takeoff For Flight Into WATRS Plus Oceanic Routes or Areas.** In the situation where only one LRNS is determined to be operational prior to takeoff, operators shall follow the practices detailed in paragraph 4 (Provisions For Accommodation of Non-RNP 10 Aircraft) (i.e., ICAO flight plan item 18 annotation and pilot report to ATC of aircraft Non-RNP 10 status). The aircraft will be treated as non-RNP 10 aircraft and appropriate lateral separation will be applied.

c. **Failure or Malfunction of LRNS Enroute, One LRNS Operational Prior to Entering a WATRS Plus CTA.** In the situation where at least two LRNS are operational at takeoff, but LRNS failure or malfunction occurs en route and only one LRNS remains operational, the pilot shall take action to inform ATC. Approximately 175-125 NM prior to entering a WATRS Plus CTA, the pilot shall report to ATC that only one LRNS is operational and request that ATC amend the flight plan item 18 entry to delete “PBN/A1” or “PBN/L1” and enter “RMK/NONRNP10” in accordance with paragraph 4a. In addition, after entering on to a WATRS Plus oceanic route or area, the pilot shall report the “NonRNP10” status of the aircraft in accordance with paragraph 4b.

10. Contacts For Questions. If there are questions or requests, one of the following may be contacted and a response will be coordinated with the appropriate FAA subject matter expert, if necessary:

Roy Grimes	FAA Support. Flight Standards Specialist, CSSI, Inc.	+1 202-863-3692	RGrimes@cssiinc.com ;
Steven Pinkerton	FAA Oceanic and Offshore Operations (AJV-824)	+1 202-385-8384	Steven.Pinkerton@faa.gov;
Steve Smoot	FAA Support. CSSI, Inc.	+1 202-863-0865	SSmoot@cssiinc.com ;

11. FAA Project Leads. The FAA project leads are:

Karen Chiodini	Manager, Oceanic and Offshore Operations (AJE-32)	+1 202-385-8931	Karen.L.Chiodini@faa.gov
Madison Walton	Flight Standards Service, Flight Technologies & Procedures Division (AFS-400)	+1 202-267-8850	Madison.Walton@faa.gov
Dale Livingston	ATO Separation Standards Analysis Group (AJP-7141)	+1 609-485-4163	Dale.Livingston@faa.gov

(AJE-32, 11/15/12)

WATRS PLUS/NEW YORK OCEANIC ROUTING PROCEDURES

Routing Questions. For questions on recommended WATRS Plus routing in individual centers, please contact one of the specialists below:

New York Oceanic: Wolfgang.Lerch@faa.gov;
Ph. 631-468-1018

Miami Center: Juan.Almanzar@faa.gov;
Ph. 305-716-1531

San Juan Center: Hector.Plaza@faa.gov;
Ph. 787-253-8691

Jacksonville Center: Barry.H.Ponder@faa.gov;
Ph 904-549-1029

The following route scheme is being published to provide direction for entering and exiting WATRS airspace.

MNPS certification is NOT required for aircraft operating in a small portion of MNPS airspace in the New York CTA/FIR west of 06700W and north of 3830N.

SOUTHBOUND
SOUTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS FROM NEW YORK
METROPOLITAN AREA

All airspace users entering New York Center's West Atlantic Route System (WATRS) southbound on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following routes:

ATS ROUTE	WATRS ACCESS ROUTING (SOUTHBOUND ONLY)
For L453;	...LINND-AZEZU-L453...

For L453 VIA B24;	...B24-AZEU-L453...
For L454;	...LINND-ROLLE-ATUGI-L454...
For L454 VIA B24;	...B24-WEBBB-ROLLE-ATUGI-L454...
For L455;	...LINND-RESQU-SKPPR-L455...
For L455 VIA B24;	...B24-WEBBB-RESQU-SKPPR-L455...
For L456;	...LINND-SQUAD-DARUX-L456...
For L456 VIA B24;	...B24-WEBBB-RESQU-DARUX-L456...
For L457;	...LINND-RESQU-SKPPR-L457...
For L457 VIA B24;	...B24-WEBBB-RESQU-SKPPR-L457...
For L459;	...LINND-SQUAD-DARUX-L459...
For L459 VIA B24;	...B24-WEBBB-RESQU-DARUX-L459...
For L461;	...LINND-KINGG-KINER-L461...
For L462;	...LINND-KAYYT-L462...
For L462 VIA ACK;	...ACK-J97-LACKS-KAYYT-L462...

EASTBOUND TRANSITION TO NEW YORK OCEANIC CTA/FIR

VIA: ORF AR9 ZIBUT

All airspace operators transitioning the New York Center West Atlantic Route System (WATRS) via ZIBUT intersection, en route to the New York Center North Atlantic RNP/NAT HLA/RVSM airspace, are encouraged to flight plan via:

ZIBUT [DCT] LARGE [DCT]: SLATN [or] JOBOC [or] DOVEY

Operators opting to flight plan via any other fix or Latitude/Longitude coordinates east of ZIBUT intersection shall expect no higher than FL290 and may be rerouted to accommodate WATRS non-radar traffic.

NOTE- This route may be filed bi-directionally

VIA: KAYYT [DCT] 06000W Longitude

Operators departing the metropolitan New York Area destined to the African Continent may file via:

LINND-KAYYT-[TO 3800N/06000W or South, e.g. 3800N/06000W or 3700N/06000W or 3600N/06000W] – flight planned route.

NOTE- This route may be filed bi-directionally

NORTHBOUND NORTHBOUND WATRS PLUS ROUTE STRUCTURE ACCESS TO NEW YORK METROPOLITAN AREA

All northbound airspace users exiting New York Center's West Atlantic Route System (WATRS) destined to New York Area airports on ATS routes: L453, L454, L455, L456, L457, L459, L461 AND L462 shall flight plan and file the following transition routes to join standard airport arrival routing:

ATS ROUTE	WATRS EXIT ROUTING (NORTHBOUND ONLY)
From L453;	...AZEZU-BERGH...
From L454;	...OKONU-L454-BERGH...
From L454 TO B24;	...OKONU-L454-WEBBB-B24...
From L455;	...SAVIK-L455-BERGH...
From L455 TO B24;	...SAVIK-AZEZU-B24...
From L456;	...MARIG-BERGH...
From L457;	...OKONU-L457-BERGH...
From L457 TO B24;	...OKONU-L457-WEBBB-B24...
From L459;	...SAVIK-L459-BERGH...
From L459 TO B24;	...SAVIK-AZEZU-B24...
From L461;	...MARIG-BERGH...
From L462;	...KAYYT-BERGH...

SPECIAL NOTICE -- NAT ATS MESSAGE FORMAT

The following is submitted in an effort to standardize ATS message formats for air/ground communications in the North Atlantic (NAT) Region:

a. General

- 1.** All NAT air-ground messages are categorized under one of the following headings (excluding emergency messages):
 - (a)** Position Report.
 - (b)** Request Clearance.
 - (c)** Revised Estimate.
 - (d)** Miscellaneous Message.
- 2.** In order to enable ground stations to process messages in the shortest possible time, pilots should observe the following rules:
 - (a)** Use the correct type of message applicable to the data transmitted.
 - (b)** State the message type on the contact call to the ground station or at the start of the message.
 - (c)** Adhere strictly to the sequence of information for the type of message.
 - (d)** All times in each of the messages should be expressed in hours and minutes.

- b.** Description of ATS Message Types. Aircraft should transmit air-ground messages using standard RTF phraseology in accordance with the following:

1. POSITION. To be used for routine position reports.

CONTENT AND DATA SEQUENCE

- (a) "POSITION."
- (b) Flight identification.
- (c) Present position.
- (d) Time over present position (hours and minutes).
- (e) Present flight level.
- (f) Next position on assigned route.
- (g) Estimated time for next position (hours and minutes).
- (h) Next subsequent position.
- (i) Any further information; e.g., MET data or Company message.

EXAMPLE–

"Position, SWISSAIR 100, 56N 010W 1235, flight level 330, estimating 56N 020W 1310, next 56N 030W"

2. REQUEST CLEARANCE.

(a) To be used, in conjunction with a routine position report, to request a change of mach number, flight level, or route and to request westbound oceanic clearance prior to entering Reykjavik, Santa Maria or Shanwick CTAs.

CONTENT AND DATA SEQUENCE

- (1) "REQUEST CLEARANCE."
- (2) Flight identification.
- (3) Present or last reported position.
- (4) Time over present or last reported position (hours and minutes).
- (5) Present flight level.
- (6) Next position on assigned route or oceanic entry point.
- (7) Estimate for next position or oceanic entry point.
- (8) Next subsequent position.
- (9) Requested Mach number, flight level or route.
- (10) Further information or clarifying remarks.

EXAMPLE–

"Request clearance, TWA 801, 56N 020W 1245, flight level 330, estimating 56N 030W 1320, next 56N 040W, requesting flight level 350"

(b) To be used to request a change in Mach number, flight level, or route when a position report message is not appropriate.

CONTENT AND DATA SEQUENCE

- (1) "REQUEST CLEARANCE."

- (2) Flight identification.
- (3) Requested Mach number, flight level or route.
- (4) Further information or clarifying remarks.

EXAMPLE–

“Request clearance, BAW 212, requesting flight level 370”

- 3. REVISED ESTIMATE. To be used to update estimate for next position.

CONTENT AND DATA SEQUENCE

- (a) “Revised Estimate.”
- (b) Flight identification.
- (c) Next position on route.
- (d) Revised estimate for next position (hours and minutes).
- (e) Further information.

EXAMPLE–

“Revised estimate, WDA 523, 57N 040W 0325”

4. MISCELLANEOUS. To be used to pass information or make a request in plain language that does not conform with the content of other message formats. No message designator is required as this will be inserted by the ground station.

CONTENT AND DATA SEQUENCE

- (a) Flight identification.
- (b) General information or request in plain language and format free.

“WHEN ABLE HIGHER” (WAH) REPORTS

To ensure maximum use of available altitudes, aircraft entering RVSM and/or NAT HLA airspace in the New York FIR should be prepared to advise ATC of the time or position the aircraft can accept the next higher altitude. WAH reports are also used to plan the altitude for aircraft as they transition from RVSM to CVSM altitudes. Therefore it is important that the altitude capability of the aircraft is known by controllers. If the aircraft is capable of a higher altitude that, for whatever reason, is not preferred by the pilot, give the altitude in the WAH report and advise that you prefer not to be assigned that altitude.

The procedures will differ for eastbound and westbound aircraft since many of the eastbound aircraft will enter New York NAT HLA/RVSM airspace from ATC sectors that have direct controller–pilot communications. ATC acknowledgment of a WAH report is NOT a clearance to change altitude.

Eastbound aircraft entering RVSM or NAT HLA airspace in the New York FIR:

Pilots may be requested by ATC to provide an estimate for when the flight can accept the next higher altitude(s). If requested, pilots should provide this information as soon as possible.

Westbound aircraft entering RVSM or NAT HLA airspace in the New York FIR:

Pilots should include in the initial position report the time or location that the next higher altitude can be accepted.

EXAMPLE–

“Global Air 543, 40 north 40 west at 1010, flight level 350, estimating 40 north 50 west at 1110, 40 north 60 west. Next able flight level 360 at 1035.”

NOTE–

Pilots may include more than one altitude if that information is available.

EXAMPLE–

(after stating initial report) “Able flight level 360 at 1035, able flight level 370 at 1145, able flight level 390 at 1300.”

MANDATORY PILOT REPORTS

In addition to reading back altitude assignments, pilots shall report reaching any altitude assigned within RVSM airspace. This serves as a double check between pilots and controllers and reduces the possibility of operational errors. This requirement for altitude readback and reports of reaching assigned altitudes applies to both RVSM and CVSM altitudes (i.e., flight levels 330, 340, 350, 360, and 370).

EXAMPLE–

(initial altitude readback): “Global Air 543 climbing to flight level 360.”

(upon reaching assigned altitude): “Global Air 543 level at flight level 360.”

CARIBBEAN, SOUTH AMERICA, AND GULF OF MEXICO

FDC 2/8646 ZFW TX.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the United States/Mexico border have inhibited minimum safe altitude warning computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained. (ATP-130 7/29/02)

FDC 2/8645 ZHU TX.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the United States/Mexico border have inhibited minimum safe altitude warning computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained. (ATP-130 7/29/02)

FDC 2/8644 ZAB NM.. Due to the lack of terrain and obstacle clearance data, accurate automation data bases are not available for providing minimum safe altitude warning information to aircraft overflying Mexico. Air traffic facilities along the United States/Mexico border have inhibited minimum safe altitude warning computer programs for aircraft operating in Mexican airspace until accurate terrain data can be obtained. (ATP-130 7/29/02)

**GULF OF MEXICO 50 NM LATERAL SEPARATION / RNAV ROUTES PROJECT
OPERATIONAL POLICY AND PROCEDURES**

Introduction. In January 2013, the Federal Aviation Administration (FAA), Servicios a la Navegacion en el Espacio Aéreo Mexicano (SENEAM) and the Direccion General de Aeronautica Civil (DGAC) Mexico implemented new RNAV routes in the GoMex CTA's identified in the paragraphs below. Since that time, 50 Nautical Mile (NM) lateral separation has been applied between aircraft authorized RNP 10 or RNP 4. RNP 10 is the minimum navigation specification (NavSpec) required for the application of 50 NM lateral separation.

Note: Information useful for flight planning and operations within the Gulf of Mexico under this 50 nm lateral separation initiative can be found in the “West Atlantic Route System, Gulf of Mexico, and Caribbean Resource Guide for U.S. Operators” located at:

www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

Policy and Procedures Coordination With SENEAM and DGAC Mexico. The policies and procedures contained in this Notice have been coordinated with SENEAM and DGAC Mexico. They will be applied in the Gomex CTA's where the FAA and SENEAM provide Air Traffic Control.

RNP 10 Versus RNAV 10 Terminology. “RNP 10” has the same meaning and application as “RNAV 10”. The ICAO Performance-based Navigation (PBN) Manual (ICAO Doc 9613), Volume II, Part B, Chapter 1 (**Implementing RNAV 10, Designated and Authorized as RNP 10**) explains that the term “RNP 10” was in use before the publication of the ICAO PBN Manual and the manual has “grandfathered in” its continued use when implementing an “RNAV 10” navigation specification.

Control Areas (CTA) Affected. The new RNAV routes were implemented and 50 NM lateral separation has been applied since 10 January 2013 in the following CTAs/FIRs/Upper Control Areas (UTA):

- The Houston Oceanic CTA/FIR and the Gulf of Mexico portion of the Miami Oceanic CTA/FIR.
- The Monterrey CTA and Merida High CTA within the Mexico FIR/UTA

Procedural Change In This Update. See paragraph 4 (Accommodation of NonRNP10 Aircraft). Aircraft not authorized RNP 10 (non-RNP 10 aircraft) are **no longer required** to coordinate the flight prior to departure with the Houston Center Operational Supervisor, but are still required to flight plan and make in-flight calls in accordance with paragraph 4.

Table of Contents. The following is a list of the major paragraphs that follow:

1. Policy, Procedures and Guidance
2. Lateral Separation Minima to be Applied
3. Operation in Areas or on Routes within the Gulf of Mexico not affected by the project.
4. Provisions for Accommodation of **Non-RNP 10 Aircraft** (Aircraft not authorized RNP 10 or RNP 4)
5. Operator Action
6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators
7. Flight Planning Requirements
8. Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures
9. FAA Hq, Houston and Miami Center Contacts
10. FAA Project Leads
11. DGAC - Mexico Leads
12. SENEAM Project Leads

OPERATIONAL POLICY AND PROCEDURES

1. Policy, Procedures and Guidance. Information useful for flight planning and operations within the Gulf of Mexico under this 50 nm lateral separation initiative can be found in the “West Atlantic Route System, Gulf of Mexico, and Caribbean Resource Guide for U.S. Operators” located at:

www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/WATRS.pdf

The Resource Guide also provides information on operator and aircraft authorization for RNP 10.

2. Lateral Separation Minima To Be Applied Outside Radar Coverage

- 50 NM lateral separation will continue to be applied in the GoMex CTA’s between aircraft authorized RNP 10 or RNP 4 at all altitudes above the published MEA.
- A lateral separation minima of 100 NM in the Houston, Monterrey and Merida CTAs, and 90 NM in the Miami Oceanic CTA will continue to be applied between aircraft not authorized RNP 10 or RNP 4.

3. Operation on Routes on the periphery of the Gulf of Mexico CTAs

Operations on certain routes that fall within the boundaries of affected CTAs will not be affected by the introduction of 50 NM lateral separation. Operation on the following routes is **not** affected:

- a. Routes that are flown by reference to ICAO standard ground-based navigation aids (VOR, VOR/DME, NDB).
- b. Special Area Navigation (RNAV) routes Q100, Q102 and Q105 in the Houston, Jacksonville and Miami CTA's.

4. Provisions for Accommodation of Non-RNP 10 Aircraft (Aircraft Not Authorized RNP 10 or RNP 4). Operators of non-RNP 10 aircraft shall follow the practices detailed in the paragraphs below.

- a. **When filing an ICAO flight plan**, operators of non-RNP 10 aircraft shall annotate ICAO flight plan Item 18 as follows:

First remark, if possible: "RMK/NONRNP10" (no space between letters and numbers).

- b. Pilots of non-RNP 10 aircraft that operate in GoMex CTA's shall report the lack of authorization by stating "**Negative RNP 10**":
 - on initial call to ATC in a GoMex CTA; or...
 - when approval status is requested by the controller. (See paragraph 8e below).
- c. Operators of non-RNP 10 aircraft shall **not** indicate RNP 10 or RNP 4 capabilities in ICAO flight plan Item 18 (Other Information) if they have **not** obtained RNP 10 or RNP 4 authorization.
- d. NonRNP10 operators/aircraft may file any route at any altitude in a GoMex CTA. They will be cleared to operate on their preferred routes and altitudes as traffic permits. 50 NM lateral separation will **not** be applied to NonRNP10 aircraft.
- e. NonRNP10 aircraft should plan on completing their climb to or descent from higher FLs within radar coverage, if possible.

5. Operator Action

In order to maximize operational flexibility provided by 50 NM lateral separation, operators capable of meeting RNP 10 or RNP 4 that operate on oceanic routes or areas in the GoMex CTA's should obtain authorization for RNP 10 or RNP 4 and annotate the ICAO flight plan accordingly.

Note 1: RNP 10 is the minimum "Navigation Specification (NavSpec)" required for the application of 50 NM lateral separation. RNP 4 is an operator option. Operators/aircraft authorized RNP 4 are not required to also obtain RNP 10 authorization.

Note 2: "RNP navigation specification" (e.g., RNP 10) is the term adopted in the ICAO Performance-based Navigation (PBN) Manual (Doc 9613). It replaced the term "RNP type".

6. RNP 10 or RNP 4 Authorization: Policy and Procedures for Aircraft and Operators

- a. **RNP NavSpecs Applicable To Oceanic Operations.** In accordance with ICAO guidance, RNP 10 and RNP 4 are the only NavSpecs currently applicable to oceanic and remote area operations, however, Edition 4 of the ICAO PBN Manual is planned to introduce RNP 2 into oceanic operations. This Notice will be updated at the appropriate time. Other RNAV and RNP NavSpecs are applicable to continental en route, terminal area and approach operations.
- b. **Responsible State Authority (ICAO Guidance).** The following is ICAO guidance on the State authority responsible for authorizations such as RNP 10, RNP 4 and RVSM.
 - International Commercial Operators. The State of Registry makes the determination that the aircraft meets the applicable RNP requirements. The State of Operator issues operating authority (e.g., Operations Specifications (OpSpecs)).

- International General Aviation (IGA) Operators. The State of Registry makes the determination that aircraft meets the applicable RNP requirements and issues operating authority (e.g., Letter of Authorization (LOA)).
- c. **FAA Documents.** The guidance and direction of AC 90-105A Approval Guidance for RNP Operations and Barometric Vertical Navigation in the U.S. National Airspace System and in Oceanic and Remote Continental Airspace will be used to authorize RNP 4 and RNP 10. AC 90-105A is FAA and ICAO documents are accessible through the West Atlantic, Gulf of Mexico and Caribbean Resource Guide.
- d. **ICAO Performance-based Navigation (PBN) Manual (ICAO Doc 9613).** Guidance for authorization of RNP 10 and RNP 4 is provided in ICAO Doc 9613. RNP 10 is addressed in Volume II, Part B; Chapter 1. RNP 4 is addressed in Volume II, Part C; Chapter 1.
- e. **RNP 10 and RNP 4 Job Aids.** Operators and authorities are encouraged to use the RNP 10 or RNP 4 Job Aids are available through the West Atlantic, Gulf of Mexico and Caribbean Resource Guide. These Job Aids address the operational and airworthiness elements of aircraft and operator authorization and provide references to appropriate document paragraphs. The Job Aids provide a method for operators to develop and authorities to track the operator/aircraft program elements required for RNP 10 or RNP 4 authorization.
- f. **Qualification of Aircraft Equipped With a Single Long-Range Navigation System (S-LRNS) For RNP 10 Operations In GoMex CTA's.**

(1) **Background.** S-LRNS operations in the Gulf of Mexico, the Caribbean Sea and the other designated areas have been conducted for at least 25 years. Provisions allowing aircraft equipage with a S-LRNS for operations in specified oceanic and off-shore areas are contained in the following sections of 14 Code Of Federal Regulations (CFR): 91.511, 121.351, 125.203 and 135.165.

(2) **ICAO PBN Manual Reference.** In reference to RNP 10 authorization, the ICAO PBN Manual, Volume II, Part B, Chapter 1, paragraph 1.3.6.2 states that: "A State authority may approve the use of a single LRNS in specific circumstances (e.g., North Atlantic NAT HLA and 14 CFR 121.351 (c) refer). An RNP 10 approval is still required."

(3) **Policy Development.** The FAA has worked with the ICAO NACC Office (North American, Central American and Caribbean), State regulators and ATS providers in the GoMex and Caribbean areas to implement a policy for S-LRNS equipped aircraft to qualify for RNP 10 **for GoMex operations.** Allowing S-LRNS equipped aircraft to qualify for RNP 10 will enable more operator aircraft to be authorized RNP 10, thereby creating a more uniform operating environment for the application of 50 NM lateral separation. The factors considered were: the shortness of the legs outside the range of ground navigation aids, the availability of radar and VHF coverage in a large portion of GoMex airspace and the absence of events attributed to S-LRNS in GoMex operations.

(4) **Document Revision.** The following documents have been revised or created to enable implementation of the S-LRNS/RNP 10 qualification policy:

- AC 90-105A
- FAA Order 8900.1 (Flight Standards Information Management System (FSIMS))
- Paragraph B054 of FAA Operations Specifications and Management Specifications (Class II Navigation Using Single Long-Range Navigation System)
- LOA B054 (Class II Navigation Using Single Long-Range Navigation System (S-LRNS) Equipped Airplane Authorized RNP 10) (LOA's are applicable to International General Aviation operators.)
- FAA RNP 10 Job Aid with AC 90-105A and PBN Manual references

(5) **S-LRNS/RNP 10 Authorization Limited To GoMex.** At this time, S-LRNS qualification for RNP 10 will only apply to GoMex operations. Any expansion of this provision will require assessment and agreement by the appropriate State authorities.

g. **RNP 10 Time Limit for INS or IRU Only Equipped Aircraft.** Operators should review their Airplane Flight Manual (AFM), AFM Supplement or other appropriate documents and/or contact the airplane or avionics manufacturer to determine the RNP 10 time limit applicable to their aircraft. They will then need to determine its effect, if any, on their operation. Unless otherwise approved, the basic RNP 10 time limit is 6.2 hours between position updates for aircraft on which Inertial Navigation Systems (INS) or Inertial Reference Units (IRU) provide the only source of long range navigation. **Extended RNP 10 time limits of 10 hours and greater are already approved for many IRU systems.** FAA Order 8400.12 contains provisions for extending RNP 10 time limits

7. **Flight Planning Requirements.** Operators shall make ICAO flight plan annotations in accordance with this paragraph **and**, if applicable, paragraph 4 (Provisions For Accommodation of NonRNP 10 Aircraft). (See the introductory paragraphs of this notice for information on ICAO Flight Plan (FPL) 2012 implementation).

a. **ICAO Flight Plan Requirement.** ICAO flight plans are required to operate on oceanic routes and areas in the Houston Oceanic CTA/FIR, the Gulf of Mexico portion of the Miami CTA/FIR, the Monterrey CTA and Merida High CTA.

b. **When filing an ICAO flight plan under ICAO FPL 2012 provisions,** to inform ATC that they have obtained RNP 10 or RNP 4 authorization and are eligible for 50 NM lateral separation, operators **shall**:

(1) annotate ICAO Flight Plan Item 10a (Equipment) with the letter “R” and...

(2) annotate Item 18 (Other Information) with, as appropriate, “PBN/A1” for RNP 10 aircraft or “PBN/L1” for RNP 4 aircraft (**no space between letters and numbers**). (“PBN” is the acronym for “Performance-based Navigation”).

Note: under ICAO FPL 2012 provisions, letter “R” indicates that the performance-based navigation specification (e.g., RNP 10 or RNP 4) is specified in Item 18 following the indicator “PBN/”.

c. 50 NM lateral separation will only be applied to operators/aircraft that annotate the ICAO flight plan in accordance with this policy. See 7b (1)(2) above.

d. Operators that have not obtained RNP 10 or RNP 4 authorization shall not annotate ICAO flight plan Item 18 (Other information) to indicate RNP 10 or RNP 4 capabilities, but shall follow the practices detailed in paragraph 4 of this notice.

e. **Filing to Show Domestic U.S. RNAV Capabilities.** The FAA program to enhance operators’ capability to communicate their domestic U.S. RNAV capabilities to ATC has been in place since 2008. Detailed instructions are available on the following web page: <http://www.faa.gov/ato?k=fpl>

8. **Pilot and Dispatcher Procedures: Basic and In-flight Contingency Procedures**

a. **Basic Pilot Procedures.** The RNP 10 and RNP 4 Job Aids contain references to pilot and, if applicable, dispatcher procedures contained in:

- (1) AC 90-105A chapters 8, 9, and 10
- (2) ICAO PBN Manual, Volume II, Part B, Chapter 1 (RNP 10)
- (3) ICAO PBN Manual, Volume II, Part C, Chapter 1 (RNP 4)

b. **ICAO Doc 4444, Chapter 15, In-flight Contingency Procedures.** Doc 4444 Chapter 15 contains important guidance for pilot training programs. For ease of reference, significant Chapter 15 paragraphs are posted on the Gulf of Mexico 50 NM Lateral Separation Web Page. Chapter 15 paragraphs posted on the website include:

(1) Paragraph 15.2 (Special Procedures For In-Flight Contingencies in Oceanic Airspace). Paragraph 15.2.2 (General Procedures) provides guidance for in-flight diversions, turn-backs and for loss of, or significant reduction in, required navigation capability when operating in an airspace where the navigation performance accuracy is a prerequisite to the safe conduct of flight operations.

(2) Paragraph 15.2.3 (Weather Deviation Procedures). Paragraph 15.2.3 provides guidance for events where the pilot is able to obtain a clearance prior to deviating from track to avoid convective weather and for events where the pilot is unable to obtain clearance prior to deviating.

c. **Strategic Lateral Offset Procedures (SLOP).** Pilots should use SLOP procedures in the course of regular oceanic operations. SLOP procedures are published in ICAO Document 4444, 15th Edition, Amendment 2, paragraph 16.5 and FAA Notices. They are posted on the Gulf of Mexico 50 NM Lateral Separation Web Page and are addressed in the RNP 10 and RNP 4 Job Aids.

d. **Pilot Report of NonRNP10 Status.** The pilot shall report the lack of RNP 10 or RNP 4 status in accordance with the following:

- When the operator/aircraft is not authorized RNP 10 or RNP 4. **See paragraph 4.**
 - If approval status is requested by the controller in accordance with paragraph 8e below.
- e. **Pilot Statement of RNP 10 or RNP 4 Approval Status, If Requested.** If requested by the controller, the pilot shall communicate approval status using the following phraseology:

Controller Request	Pilot Response
(call sign) confirm RNP 10 or 4 approved	“Affirm RNP 10 approved” or “Affirm RNP 4 approved”, as appropriate, or... “Negative RNP 10” (See paragraph 4 for NonRNP10 aircraft procedures).

f. **Pilot action when navigation system malfunctions.** In addition to the actions suggested in ICAO Doc. 4444, Chapter 15, when pilots suspect a navigation system malfunction, the following actions should be taken:

- Immediately inform ATC of navigation system malfunction or failure
- Accounting for wind drift, fly magnetic compass heading to maintain track
- Request radar vectors from ATC, when available

9. **Contacts for Questions.** The following individuals may be contacted with questions or requests. A response will be coordinated with the appropriate FAA subject matter expert, if necessary:

9a. **U.S. FAA Hq Contacts**

Name	Title	Phone	E-mail
Roy Grimes	FAA Separation Standards Program Support, CSSI, Inc.	+1 202-863-3692	rgrimes@cssiinc.com
Keith Dutch	Air Traffic Oceanic and Offshore Operations (AJE-32)	+1 202-385-8459	Keith.Dutch@faa.gov ;

9b. **U.S. FAA Center Contacts**

Name	Title	Phone	E-mail
John Beckman	Airspace Specialist, Houston ARTCC	+1 281-230-5521	john.beckman@faa.gov
Mike McGhee	Airspace Manager, Houston ARTCC	+1 281-230-5520	mike.mcgee@faa.gov
Mark Palazzo	Manager, Operations Support, Miami ARTCC	+1 305-716-1547	mark.palazzo@faa.gov
Juan Almanzar	Airspace Specialist, Miami ARTCC	+1 305-716-1531	juan.almanzar@faa.gov

10. FAA Project Leads.

Name	Title	Phone	E-mail
Karen Chiodini	Manager, Air Traffic Oceanic and Offshore Operations (AJE-32)	+1 202-385-8931	karen.l.chiodini@faa.gov
Madison Walton	Flight Standards Performance Based Flight Systems Branch (AFS-470)	+1 202-267-8850	madison.walton@faa.gov

11. Project Leads For DGAC Mexico

Jose Gil Jimenez	Air Traffic Control Department, Manager	+52-55-57-23-9300 Extension 18074	jgiljim@sct.gob.mx
Oscar Vargas Antonio	Air Traffic Inspector	+52-55-57-23-9300 Extension 18074	ovargasa@sct.gob.mx

12. SENEAM Project Leads.

Name	Title	Phone	E-mail
Martin Fuentes	Director - Navigation and Aeronautical Information	+52 -55-57-86-55-19	ais_pcr@sct.gob.mx
Bruce Magallon	Air Traffic Director	+52 55-57-86-55-13	dta_seneam@sct.gob.mx
Jorge Carrión	Air Traffic Specialist	+52 55-57-86-55-14	jcarrion@sct.gob.mx

(AJV-824, 4/3/14)

SPECIAL NOTICE -- SONOBOUY DROPS

Sonobouy drop activity 5 NM radius of St. Croix (COY) 300 degree radial 11 DME (300/11) surface to 1200 feet MSL, sunrise to sunset, 7 days a week. (SJU IFSS 7/87)

**SPECIAL NOTICE -- GULF OF MEXICO
COMMUNICATIONS REQUIREMENTS AND POSITION REPORTING
WITHIN HOUSTON OCEANIC CONTROL AREA**

Position reports and the ability to communicate at any point of the route of flight is vital to the air traffic safety and control process. When flight planning, users are responsible to ensure that they will be capable of

compliance. Inability to comply is in violation of ICAO requirements. The communication requirements for IFR flights within the Houston Oceanic Control Area are:

- a. Functioning two-way radio communications equipment capable of communicating with at least one ground station from any point on the route.
- b. Maintaining a continuous listening watch on the appropriate radio frequency.
- c. Reporting of mandatory points.

The following describes an area in the Houston CTA/FIR where reliable VHF air-to-ground communications below FL180, are not available:

26 30 00N 86 00 00W TO 26 30 00N 92 00 00W
TO 24 30 00N 93 00 00W TO 24 30 00N 88 00 00W
TO 24 00 00N 86 00 00W TO BEGINNING POINT.

Communications within this area are available for all oceanic flights via HF.

The attention of pilots planning flights within the Houston CTA/FIR is directed to the communications and position reports requirements specified in the following ICAO Documents:

ANNEX 2, PARAGRAPHS 3.6.3 AND 3.6.5

ANNEX 11, PARAGRAPH 6.1.2

PANS-RAC 4444, PART 2, PARAGRAPH 14

DOC 7030, CAR, PARAGRAPH 3. (FAA)

GULF OF MEXICO RNAV ROUTES Q100, Q102, AND Q105

This NOTAM defines RNAV equipment requirements for operators filing Q100, Q102, and Q105 through Gulf of Mexico airspace. Only aircraft approved for IFR Area Navigation operations will be cleared to operate on Q100, Q102, and Q105 between the surface and FL600 (inclusive).

Operator Determination of RNAV Equipment Eligibility

In accordance with Federal Aviation Regulations 91.511, 121.351, 125.203, and 135.165 (as applicable) an approved Long-Range Navigation System (INS, IRS, GPS or Loran C) is required for operation on these routes.

In addition, operators will not flight plan or operate on these routes unless their aircraft are equipped with RNAV systems that are approved for IFR navigation and the pilots are qualified to operate them. Aircraft may be considered eligible to operate on these routes if they fall under one of the following categories:

a. For new installations, the Airplane Flight Manual must show that the navigation system installation has received airworthiness approval in accordance with one of the following FAA ACs:

1. AC 20-138, as amended (Airworthiness Approval of Positioning and Navigation Systems).
2. AC 25-15 (Flight Management System [FMS] approval).

b. Installations that have previously received airworthiness approval under the following ACs are eligible for Gulf of Mexico Q-route operation provided it is shown in the Airplane Flight Manual:

1. AC 90-45A (RNAV system approval).

2. AC 20-130, as amended (Multi-Sensor Navigation system approval).

NOTE - INS LIMITATIONS. See paragraph f, below.

Operational Requirements and Procedures

a. Class I Navigation: operations on Q100, Q102 and Q105 will continue to be categorized as Class I navigation, as defined in FAA Order 8900.1, Vol. 4, Chapter 1, Section 3, Class I Navigation.

b. Operations Specifications: operators are considered eligible to conduct operations on the Q-routes provided that aircraft are equipped with the appropriate equipment in accordance with the “Operator Determination of RNAV Equipment Eligibility” paragraph above and operations are conducted in accordance with paragraph (c), (d), (e) and (f) below. Title 14 CFR Parts 121, 125, 135 operators are authorized to operate on the Q-routes when they are issued Operations Specifications (OpSpecs) paragraph B034 (Class I Navigation Using Area Navigation Systems). In addition, OpSpecs B034 must be annotated in OpSpecs paragraph B050 (Enroute Authorizations, Limitations and Procedures), for the Gulf of Mexico High Offshore Airspace.

c. Pilots in command filing on RNAV routes are certifying that the crews and equipment are qualified to conduct RNAV operations.

d. Pilots in command shall be responsible for navigating along route centerline (as defined by the aircraft navigation system) in accordance with the requirements of Title 14 CFR 91, section 181 (course to be flown) and ICAO Annex 2, paragraph 3.6.2.1.1. (Annex 2, paragraph 3.6.2.1 states that flights shall “in so far as practical, when on an established ATS route, operate on the defined centerline of that route.”)

e. Pilots in command shall notify the Air Route Traffic Control Center (ARTCC) of any loss of navigation capability that affects the aircraft’s ability to navigate within the lateral limits of the route.

f. INS or IRS LIMITATION. For the purposes of operating on the following RNAV routes, Q100, Q102, and Q105, aircraft equipped with Inertial Navigation Systems (INS) or Inertial Reference Systems (IRS) that cannot receive automatic position updates (e.g., DME/DME update) for the entire length of the route, are limited to 1.5 consecutive hours of un-updated operation. In preparation for take-off, this time starts at the time that the INS or IRS is placed in the navigation mode. En route, the maximum time allowed between automatic position updates is 1.5 hours. Systems that perform updating after the pilot has manually selected the navigation aid are considered to have “automatic update” capability.

g. Radar monitoring will normally be provided. In the event of loss of radar, aircraft will be advised. ATC will ensure that the appropriate nonradar separation is applied during these time periods.

FAA Contacts

Roy Grimes	CSSI, Inc.; FAA Separation Standards Program Support	202-863-3692	RGrimes@cssiinc.com
Madison Walton	Performance Based Flight Systems Branch (AFS-470)	202-267-8850	Madison.Walton@faa.gov
Jorge A. Chades	Oceanic Air Traffic Procedures Group (AJV-824)	202-385-8461	Jorge.A.Chades@faa.gov
Jerry Bordeaux	AJV-824	202-385-8329	Jerry.Bordeaux@faa.gov

(AFS-470, 4/29/14)

MIAMI CTA/FIR HAVANA CTA/FIR -- MIAMI CTA/FIR

Aircraft on IFR flight plans entering the Miami CTA/FIR from the Havana CTA/FIR are requested to establish communication with Miami Oceanic CTA/FIR on the frequencies listed below for airways/direct routes:

between 7810W–7536W 127.22 VHF/239.02 UHF

between 7536W–7320W 123.77 VHF/256.80 UHF

Aircraft must contact Miami ARTCC 10 minutes prior to reaching the Miami CTA/FIR Boundary.

NOTE–

This information should appear on all applicable Domestic and Latin American High/Low En Route Charts.

RADAR SEPARATION

Miami ARTCC and Havana Center. Aircraft predominantly use radar procedures. High altitude aircraft should anticipate radar services.

Miami ARTCC utilizes secondary radar systems from antennas located on the island of Grand Turk, Great Exuma Island and Nassau in the Bahamas. IFR aircraft within 200 NM of the antenna above FL130 can expect radar separation from other IFR aircraft. Radar service may be provided below FL130 by Miami Center to those participating aircraft within the antenna coverage.

Redundancy in radar coverage occurs above FL240, from the Tamiami radar antenna in South Florida, through the Bahamas and Turks & Caicos Island, to the radar systems in Puerto Rico.

There is no primary radar data or weather information available from the Grand Turk, Great Exuma and Nassau radar systems. Since radar separation is dependent upon the receipt of transponder returns, all aircraft within antenna coverage of either system are required to squawk transponder codes as assigned by ATC, or, if none assigned, squawk the appropriate stratum code.

Aircraft departing and overflying the Santo Domingo and Port Au Prince FIRs that will enter Miami ARTCC FIR can expect ATC assigned codes from those agencies. If a code is not assigned by either Santo Domingo or Port Au Prince, pilots should request a code. The assigned codes should be squawked prior to crossing the Miami CTA/FIR boundary north or west bound. Initial call up to Miami Center prior to crossing the CTA/FIR boundary will permit early radar identification. Radar flight following of VFR aircraft is available on a workload permitting basis. The primary ATC frequency is as follows: Grand Turk area 126.45 and 307.2 or secondary is 135.2 and 327.0; Great Exuma area 127.22 and 239.02 and Nassau are 125.7 and 307.9.

Aircraft on IFR flight plan entering Miami CTA/FIR from Port Au Prince or Santo Domingo CTA/FIR contact Miami ARTCC at least 10 minutes prior to reaching Miami CTA/FIR boundary. (FAA)

**FLIGHT PLANNING INTO OR THROUGH THE MIAMI CTA/FIR
AND SAN JUAN CTA/FIRs**

In an effort to eliminate erroneous or duplicate flight plans (FPLs) that may be received from various filers, and to increase the safety of flight within the Miami and San Juan CTA/FIRs, operators must adhere to the following procedures when filing flight plans for flights originating in foreign aerodromes and entering the United States National Airspace System:

- a. All FPL amendments (CHG message) to an IFR flight must be submitted as soon as possible to the Air Traffic Service unit having authority for the departure aerodrome.
- b. A Cancel (CNL) messages must be sent PRIOR to resubmitting a new FPL for the same flight..

These references are contained in ICAO DOC 4444 and FAAO 7210.3, *Facility Operation and Administration*. Operators should be aware that failure to adhere to these procedures could result in an operational delay or pilot deviation.

If you have any questions, please do not hesitate to call the Miami Center Flight Data at 1650/1731/1648. (ZMA 8/1/13)

SPECIAL NOTICE --INSPECTION OF MEANS OF CONVEYANCE FOR AIRCRAFT MOVING TO GUAM

Inspection of aircraft moving to Guam. Any person who has moved an aircraft from Puerto Rico or the Virgin Islands of the United States to Guam shall contact an inspector and offer the inspector the opportunity to inspect the aircraft upon the aircraft's arrival in Guam, unless the aircraft has been inspected and cleared in Puerto Rico or the Virgin Islands prior to departure in accordance with arrangements between the operator of the aircraft, the Animal and Plant Health Inspection Service, and the government of Guam.

(USDA Regulation 318.58-9)

Gulf of Mexico---Houston and Miami Oceanic CTA/FIR Boundaries

Effective 16 February 2006, the following Houston (ZHU) and Miami (ZMA) Oceanic CTA/FIR boundaries were amended:

Beginning at the current Houston Oceanic CTA/FIR boundary at:

	24-00-00N	086-00-00W to
#	24-00-00N	084-59-59W (common ZMA CTA/FIR) to
#	25-02-01N	084-59-59W (common ZMA CTA/FIR) to
#	26-12-00N	085-05-30W (common ZMA CTA/FIR) to
#	26-36-10N	085-24-50W (common ZMA CTA/FIR) to
#	27-00-00N	086-00-00W (common ZMA CTA/FIR and ZJX ARTCC) to
#	27-14-29N	086-49-02W (common ZJX ARTCC) to
	27-30-00N	087-41-00W (common ZJX ARTCC) thence along the current boundary

Beginning at the current Miami Oceanic CTA/FIR boundary at:

	24-00-00N	083-10-00W (common ZMA ARTCC) to
#	24-00-00N	084-59-59W (common ZHU CTA/FIR) to
#	25-02-01N	084-59-59W (common ZHU CTA/FIR) to
#	26-12-00N	085-05-30W (common ZHU CTA/FIR) to
#	26-36-10N	085-24-50W (common ZHU CTA/FIR) to
#	27-00-00N	086-00-00W (common ZHU CTA/FIR and ZJX ARTCC) to
#	27-15-14N	085-37-20W (common ZJX ARTCC) to
#	27-30-00N	085-15-00W (common ZJX ARTCC) to
	27-30-00N	084-30-00W (common ZMA ARTCC) to
	24-38-38N	083-14-26W (common ZMA ARTCC) to the point of beginning

(AJE-32, 2/17/06)

50 NM Lateral Separation Within Anchorage Arctic FIR

Policy and Procedures

Introduction. Throughout the Anchorage Arctic Flight Information Region (FIR) the FAA applies 50 nautical mile (NM) lateral separation between aircraft authorized to operate under Required Navigation Performance (RNP) 10 or 4 navigation specifications. This notice explains related policies and procedures pertaining to operations in the Anchorage Arctic FIR.

Separation Standards. Within the Anchorage Arctic FIR 50 NM lateral separation will be applied between any two aircraft for which flight plans indicate capability for RNP 10 or RNP 4. ATC will space any aircraft without RNP 10 or RNP 4 capability such that at least 90 NM lateral separation is maintained with other aircraft.

- 50 NM lateral separation is not provided on Northern Control Area tracks and laterals, nor on user preferred routes (UPR) unless restricted by NOTAM.

Accommodating non-RNP 10 aircraft. Operators intending to fly within the Anchorage Arctic FIR who are not authorized at least RNP 10 must include, in Item 18 of their flight plan, the annotation “RMK/NONRNP10.” Operators of such aircraft may file for any route and altitude within the FIR. Clearance on preferred routes and altitudes will be provided as traffic allows for 90 NM lateral separation between that aircraft and any others. Priority will be given to RNP 10 or RNP 4 aircraft. Pilots of non-RNP 10 aircraft are to remind ATC of their RNP status, i.e. report “Negative RNP 10:”

- Prior to entering Anchorage Arctic FIR
- In reading back a clearance to descend from FL 410 within the Anchorage Arctic FIR

Note: Operators will likely benefit from the effort they invest to obtain RNP 10 or RNP 4 authorization, provided they are flying aircraft equipped to meet RNP 10 or RNP 4 standards.

Obtaining RNP 10 or RNP 4 operational authorization. For U.S. operators, Advisory Circular (AC) 90-105 provides the aircraft and operator qualification criteria for RNP 10 and RNP 4 authorizations. FAA personnel at certificate management offices and flight standards district offices will use the guidance contained on AC 90-105 to evaluate an operator’s application for RNP 10 or RNP 4 authorization. ICAO Document 9613 *Performance Based Navigation (PBN) Manual* establishes RNP authorization policies applicable to all ICAO member states. Operators can find “job aids” and other information that should help with the RNP authorization process on the FAA’s *Pacific Resource Guide for U.S. Operators* available at the following link:

https://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/PAC.pdf

Note: The operator’s RNP 10 or RNP 4 authorization should include any equipment requirements (e.g. dual long-range navigation systems) and any RNP 10 time limits (if operating solely inertial-based navigation systems) that must be observed when conducting RNP operations. RNP 4 requires tighter navigation and track maintenance accuracy than RNP 10. RNP 4 requires use of GNSS.

Flight Plan Requirements. In order for an operator with RNP 10 or RNP 4 authorization to obtain 50 NM lateral separation within the Anchorage Arctic FIR, and therefore obtain routing available to RNP authorized aircraft, the flight plan must be annotated as follows:

- Item 10a (Equipment) must include the letter “R”
- Item 18 must include either “PBN/A1” for RNP 10 authorization or “PBN/L1” for RNP 4 authorization.

Indication of RNP 4 authorization implies the aircraft and pilots are also authorized RNP 10.

Note: The FAA's Aeronautical Information Manual (AIM), chapter 5, section 1, includes information on all flight plan codes.

Contingency procedures. Pilots operating under reduced lateral separation must be particularly familiar with, and prepared to rapidly implement, the standard contingency procedures specifically written for operations when outside ATC surveillance and direct VHF communications (e.g. the oceanic environment). Specific procedures have been developed for weather deviations. Operators should ensure all flight crews operating in this type of environment have been provided the standard contingency procedures in a readily accessible format. The margin for error when operating at reduced separation mandates correct and expeditious application of the standard contingency procedures. These standard, internationally accepted procedures are published in ICAO Document 4444, *Procedures for Air Navigation Services – Air Traffic Management*, chapter 15. The procedures are also provided in the U.S. Aeronautical Information Publication (AIP) section ENR 7.3, and the FAA's AC 91-70 *Oceanic and Remote Continental Airspace Operations*.

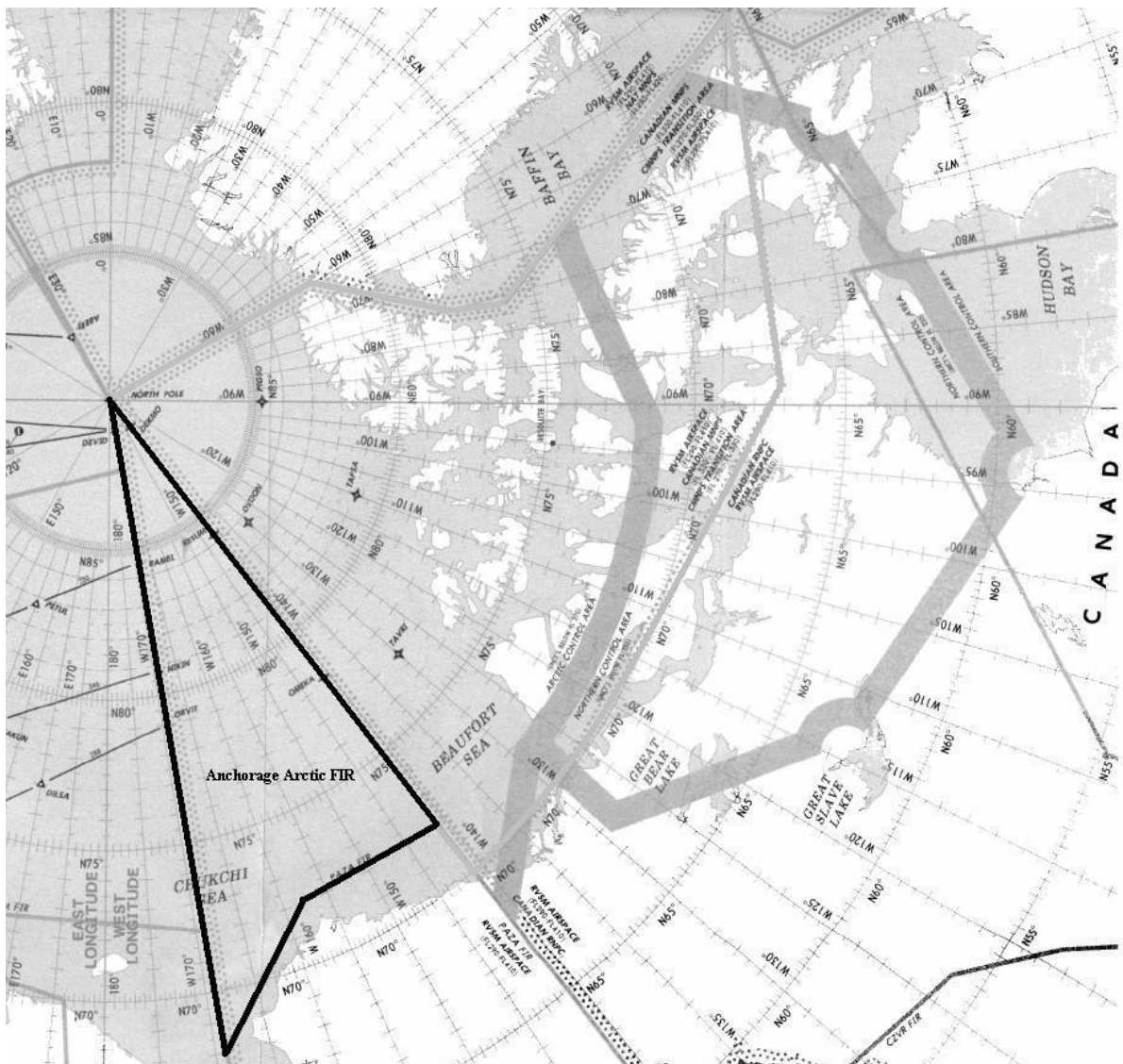
Operators may find information and recommended procedures to follow in the event of degraded navigation capability in the FAA's Chart Supplement Alaska, Notices section, under *Navigation Procedures*.

Strategic Lateral Offset Procedures (SLOP). Pilots should use SLOP in the course of regular operations within the Anchorage Arctic FIR. SLOP procedures and limitations are published in the Chart Supplement Alaska, the U.S. AIP, AC 91-70, and ICAO Document 4444.

Points of Contact. Operators may contact one of the following individuals to address questions specific to 50 NM lateral separation in the Anchorage Arctic FIR:

- Beth Luciotti, AJV-84, 202-267-0619, Beth.L.Luciotti@faa.gov
- Madison Walton, AFS-470, 202-267-8850, Madison.Walton@faa.gov
- Mark Wisniewski, SAIC (supporting AFS-400), 202-267-8843, mark.ctr.wisniewski@faa.gov

(AJV-84 and AFS-470, revision 2/2/2017)



Part 4.

GRAPHIC NOTICES



Section 1. General

Altitude and Speed Constraints Published on Area Navigation (RNAV) Procedures

Purpose: To emphasize that separation and sequencing of airplanes by air traffic control (ATC) depends on uniform performance by pilots with respect to published mandatory (not “expect”) altitude and speed constraints, especially when conducting RNAV procedures.

Background: Adherence to published altitude and speed constraints is essential in conducting conventional (non-RNAV) procedures. But adherence has taken on additional importance with the widespread implementation of RNAV procedures, which generally involve more constraints. Published constraints are shown on charts and may be amended by Notices to Airmen (NOTAMs).

Discussion: ATC clears pilots to fly departure, arrival, and approach procedures using phraseology such as “join”, “resume”, “proceed via”, “descend via”, and “climb via.” Pending more explicit language to be included in an upcoming revision to the Aeronautical Information Manual (AIM) pilots should understand the following key points regarding published altitude and speed constraints in order to fully comply with the intent of ATC clearances.

1. Cancellation of Constraints.

- **Altitude Constraints.** Cancellation of one or more altitude restrictions will normally include the use of “maintain” and/or “except” phraseology, which *does not* cancel published speed constraints associated with the procedure.
- **Speed Constraints.** Cancellation of published speed constraints will be indicated by the use of “speed your discretion” or “cancel speed restriction(s)/constraint(s)” phraseology. The use of “except” phraseology may also be used, for example, “except cross MAVVS at 250 knots.”

2. Resume Normal Speed. The phraseology “resume normal speed” *does not* cancel published speed constraints; rather, per Air Traffic Order 7110.65, Air Traffic Control, it cancels speed constraints previously issued by ATC and returns the aircraft to the published speed for the procedure.

3. Speeds between Waypoints with Published Speed Constraints.

- **Departure and Missed Approach Procedures.** Pilots should not exceed the published speed associated with a waypoint until passing that waypoint.
- **Arrival and Instrument Approach Procedures (Excluding Missed Approach Procedures).** Pilots should plan to cross waypoints with a published speed restriction in accordance with the published speed and should not exceed this speed after passing the associated waypoint unless authorized by ATC or published note to do so.
- **Departure and Missed Approach Procedures.** Pilots should not exceed the published speed associated with a waypoint until passing that waypoint.
- **Arrival and Instrument Approach Procedures (Excluding Missed Approach Procedures).** Pilots should plan to cross waypoints with a published speed restriction in accordance with the published speed and should not exceed this speed after passing the associated waypoint unless authorized by ATC or published note to do so.

Operation on U.S. Area Navigation (RNAV) Routes, Standard Terminal Arrivals, and Departure Procedures

Background: Advisory Circular (AC) 90-100A, *U.S. Terminal and En Route Area Navigation (RNAV) Operations*, provides guidance for operation on Area Navigation (RNAV) terminal procedures and routes. It also reflects ICAO Performance Based Navigation (PBN) Manual guidance for RNAV 1 and RNAV 2 operations, as well as lessons learned from the initial implementation of US RNAV terminal procedures and routes.

Applicability: AC 90-100A applies to U.S. RNAV routes (Q-routes and Tango routes), Departure Procedures (Obstacle Departure Procedures and Standard Instrument Departures), and Standard Terminal Arrivals (STARs). It does not apply to overwater RNAV routes (ref 14 CFR 91.511, including the Q-routes in the Gulf of Mexico and the Atlantic routes) or Alaska VOR/DME RNAV routes ("JxxxR"). It does not apply to off-route RNAV operations.

List of Compliant Equipment: In developing AC 90-100A, industry and the FAA defined the minimum criteria for RNAV systems to operate on RNAV routes and procedures. Manufacturers evaluate their systems against these criteria and the FAA maintains a current list of compliant equipment, along with AC 90-100A, on the FAA Flight Standards Service, Flight Technologies and Procedures Division, Performance-based Operations Branch (AFS-470) website :

http://www.faa.gov/about/office_org/headquarters_offices/avs/offices/afs/afs400/afs470/media/AC90-100compliance.xls

From this list, pilots and operators can confirm the capability of their equipment without additional airworthiness documentation, or obtain information from the relevant manufacturer. RNAV systems incorporating GPS and DME/DME positioning, but not complying with the criteria for DME/DME-based RNAV, may receive RNAV eligibility based solely on GPS.

Database Integrity: Navigation databases should be obtained from a database supplier holding an FAA Letter of Acceptance (LOA) in accordance with AC 20-153. This LOA provides recognition of a data supplier's compliance with the data quality, integrity and quality management practices of RTCA DO-200A, Standards for Processing Aeronautical Data. The operator's supplier (e.g., Flight Management System (FMS) manufacturer) must have a Type 2 LOA. AC 20-153 contains procedures for database LOAs.

GPS RAIM Prediction: As described in AC 90-100A, paragraph 10.a.(5), if TSO-C129() equipment is used to solely satisfy the RNAV requirement, GPS RAIM availability must be confirmed for the intended route of flight (route and time) using current GPS satellite information. The availability of Space Based Augmentation System (SBAS) or Airborne Based Augmentation System (ABAS) fault detection can be determined through NOTAMs (if available) or through prediction for the intended RNAV 1 or RNAV 2 operation.

NOTE: For multi-sensor aircraft with operating GPS and DME/DME/IRU positioning, a RAIM check is not required as long as critical DME's are functioning normally.

Operators may satisfy the predictive RAIM requirement through any one of the following methods:

1. Operators may monitor the status of each satellite in its plane/slot position, by accounting for the latest GPS constellation status (e.g., NOTAMs or NANUs), and compute RAIM availability using model-specific RAIM prediction software; or,
2. Operators may use the Service Availability Prediction Tool (SAPT) on the FAA en route and terminal RAIM prediction website; or,
3. Operators may contact a Flight Service Station (not DUATS) to obtain non-precision approach RAIM; or,
4. Operators may use a third party interface, incorporating FAA/VOLPE RAIM prediction data without altering performance values, to predict RAIM outages for the aircraft's predicted flight path and times; or,
5. Operators may use the receiver's installed RAIM prediction capability (for TSO-C129a/Class A1/B1/C1 equipment) to provide non-precision approach RAIM, accounting for the latest GPS constellation status (e.g., NOTAMs or NANUs). Receiver non-precision approach RAIM should be checked at airports spaced at intervals not to exceed 60 NM along the RNAV 1 procedures flight track. Terminal or Approach RAIM must be available at the ETA over each airport checked; or,
6. Operators not using model-specific software or FAA/VOLPE RAIM data will need FAA operational approval.

In the event of a predicted, continuous loss of RAIM of more than five (5) minutes for any part of the intended flight, the flight should be delayed, canceled, or re-routed where RAIM requirements can be met. Pilots should assess their capability to navigate (potentially to an alternate destination) in case of failure of GPS navigation.

If TSO-C145/C146 equipment is used to satisfy the RNAV requirement, the pilot/operator need not perform the prediction if WAAS coverage is confirmed to be available along the entire route of flight.

NOTE: Outside the U.S. or in areas where WAAS coverage is not available, operators using TSO-C145/C146 receivers are required to check GPS RAIM availability.

The current RAIM prediction website is graphic-based and the FAA is developing automation improvements to this prediction service.

NOTE: Until September 27, 2009, a RAIM prediction does not need to be done for any RNAV route conducted where ATC provides radar monitoring or RNAV departure/arrival procedure that has an associated "RADAR REQUIRED" note charted. On September 28, 2009, operators filing RNAV 2 routes (Q and T), RNAV 1 STARs, and RNAV 1 DP's will need to perform a RAIM prediction as part of their preflight planning.
(Performance Based Flight Systems Branch, 7/22/09)

COLD TEMPERATURE RESTRICTED AIRPORTS

13 Oct, 2016

Cold Temperature Altitude Corrections

Subject: Cold temperature altitude corrections at airports with a published cold temperature restriction.

Purpose: 1. To provide a list of 14 CFR Part 97 Cold Temperature Restricted Airports (CTRA) and segments designated with a temperature restriction; 2. Update guidance on how to calculate and apply altitude corrections during cold temperature operations; 3. Provide additional method to allow operators wishing to correct all altitudes from the IAF altitude through the missed approach final holding altitude.

This list may also be found at the bottom of the, “Terminal Procedures Basic Search” page.
http://www.faa.gov/air_traffic/flight_info/aeronav/digital_products/dtpp/search/

Background: In response to aviation industry concerns over cold weather altimetry errors, the FAA conducted a risk analysis to determine if current 14 CFR Part 97 instrument approach procedures, in the United States National Airspace System, place aircraft at risk during cold temperature operations. This study applied the coldest recorded temperature at the given airports in the last five years and specifically determined if there was a probability that during these non-standard day operations, anticipated altitude errors in a barometric altimetry system could exceed the Required Obstacle Clearance (ROC) used on procedure segment altitudes. If a probability, of the ROC being exceeded, went above one percent on a segment of the approach, a temperature restriction was applied to that segment. In addition to the low probability that these procedures will be required, the probability of the ROC being exceeded precisely at an obstacle position is extremely low, providing an even greater safety margin.

The CTRA risk analysis was only performed on airports of 2500 ft. and greater due to database constraints. Pilots must calculate a cold temperature altitude correction at any airport included in the airports list below. Pilots operating into an airport with a runway length less than 2,500 feet may make a cold temperature altitude correction in cold temperature conditions, if desired. Pilots applying altitude corrections to any segment but final must advise ATC with the corrected altitude.

Additional Method: The FAA is providing an approved way to simplify the procedure. Pilots may correct all altitudes from the IAF altitude to the missed approach final holding altitude (All Segments Method). The required segments currently listed in the NTAP will remain for pilots who wish to correct by using segment(s) indicated in the NTAP (NTAP Segment(s) Method). Pilots familiar with the NTAP procedure for making altitude corrections and choosing to use the All Segments Method are only required to use the published “snowflake” icon,  /CTRA temperature limit on the approach chart for making corrections and do not need to reference the restricted airports list in this NTAP. Pilots using the NTAP Segments(s) Method will need to reference the NTAP to determine which segments require a correction. This additional action will accommodate pilot’s comments that the current procedure for determining which segment to correct is too complex. For both procedures, calculations will be made based on the altitude at the Final Approach Fix (FAF)/Precision Final Approach Fix (PFAF), the Minimum Descent Altitude or Decision Altitude (DA) and the Missed Approach (MA) final holding altitude. The calculations made at these fixes will be used to make altitude corrections on the other fixes in the applicable approach segment(s).

Actions:

When and where to correct: Pilots must make an altitude correction to the published, “at”, “at or above” and “at or below” altitudes on all designated segment(s), for all published procedures and runways when the reported airport temperature is at or below the published airport cold temperature restriction on the approach plate. Pilots must advise ATC when correcting on any segment of the approach other than the final segment. Reference the **How to Apply Cold Temperature Altitude Corrections on an Approach** for examples and additional information.

Affected Airports: Cold Temperature Restricted Airports are identified by a “snowflake” icon,  and temperature limit in Celsius on U.S. Government approach charts or a “textual” Note published on commercial charting publications. The NTAP will maintain the list of airports and segment(s) affected. Pilots correcting all segments will need only to use the instrument approach chart to determine whether the approach requires a cold temperature altitude correction.

Altitudes not corrected: ATC will not apply a cold temperature correction to Minimum Vectoring Altitudes (MVA). Pilots must be cleared by ATC to apply a cold temperature compensation to an ATC assigned altitude or when flying on a radar vector in lieu of a published missed approach procedure. Pilots must not correct altitudes published on Standard Instrument Departures (SIDs), Obstacle Departure Procedures (ODPs) and Standard Terminal Arrivals (STARs).

Use of corrected MDA/DA: Pilots must use the corrected Minimum Descent Altitude (MDA) or Decision Altitude/ Decision Height (DA) as the minimum for an approach. Pilots must meet the requirements in 14 CFR Part 91.175 in order to operate below the corrected MDA or DA. Pilots must see and avoid obstacles when descending below the MDA.

Methods for Calculating Altitude Corrections: Pilots of aircraft **not equipped with** an RNAV system capable of temperature compensation must use the AIM 7-2-3, ICAO Cold Temperature Error Table to calculate a cold temperature altitude correction. The calculations for the approach will be calculated from three points on the approach:

NOTE: For the purpose of this procedure, when the FAF is referenced, it is the FAF altitude or the PFAF/Glideslope intercept altitude.

1. The FAF/PFAF will be used to calculate the correction to be applied to all altitudes from the FAF/PFAF:
 - a. Up to but not including the intermediate fix (IF) altitude for the NTAP Segment(s) Method
 - b. Up to and including the initial approach fix (IAF) for the All Segments Method
2. The published MDA or DA will be used to calculate the correction to be applied to all altitudes in the final approach segment as applicable.
3. The final missed approach (MA) holding altitude will be used to calculate the correction to be applied to the final missed approach holding altitude only.

NOTE: Pilots may use Real Time Mesoscale Analysis (RTMA): Alternate Report of Surface Temperature, for computing altitude corrections, when airport temperatures are not available via normal reporting. See InFO 15006 for additional information,
http://www.faa.gov/other_visit/aviation_industry/airline_operators/airline_safety/info/all_infos/media/2015/info15006.pdf.

The RTMA website is http://nomads.ncep.noaa.gov/pub/data/nccf/com/rtma/prod/airport_temps/

Pilots of aircraft **equipped with** an RNAV system capable of temperature compensation, and choosing to use this system, must ensure the system is active and operating. If the system is not operating, or not being used, the pilot must manually calculate and apply a cold weather altitude correction using the AIM 7-2-3, ICAO Cold Temperature Error Table. The MDA/DA and step down fixes in the final segment will still require a manual correction.

PILOTS MUST NOT MAKE AN ALTIMETER CHANGE to accomplish an altitude correction. Pilots must ensure that the altimeter is set to the current altimeter setting provided by ATC in accordance with 14 CFR §91.121.

**ICAO COLD TEMPERATURE ERROR TABLE
HEIGHT ABOVE AIRPORT IN FEET**

REPORTED TEMP °C		200	300	400	500	600	700	800	900	1000	1500	2000	3000	4000	5000
	+10	10	10	10	10	20	20	20	20	20	30	40	60	80	90
	0	20	20	30	30	40	40	50	50	60	90	120	170	230	280
	-10	20	30	40	50	60	70	80	90	100	150	200	290	390	490
	-20	30	50	60	70	90	100	120	130	140	210	280	420	570	710
	-30	40	60	80	100	120	140	150	170	190	280	380	570	760	950
	-40	50	80	100	120	150	170	190	220	240	360	480	720	970	1210
	-50	60	90	120	150	180	210	240	270	300	450	590	890	1190	1500

Acceptable Use of Table:

Pilots may calculate a correction with a visual interpolation of the chart when using reported temperature and height above airport. This calculated altitude correction may then be rounded to the nearest whole hundred or rounded up. I.e., a correction of 130 ft. from the chart may be rounded to 100 ft. or 200 ft. A correction of 280 ft. will be rounded up to 300 ft. This rounded correction will be added to the FAF, all step-down fixes outside of the FAF and the IAF altitudes. The correction calculated from the MDA or DA may be used as is, rounded up, but never rounded down. This number will be added to the MDA, DA and all step-down fixes inside of the FAF as applicable.

No extrapolation above the 5000 ft. column is required. Pilots may use the 5000 ft. “height above airport in feet” column for calculating corrections when the published altitude is greater than 5000 ft. above reporting station elevation. Pilots must add the correction(s) from the table to the affected segment altitude(s) and fly at the new corrected altitude.

It is important to understand that the correction from the table will place the aircraft back to an altitude based on a standard day. Although the techniques adopted in this NTAP to use the FAF altitude and MDA to correct the affected segment altitudes may not place the aircraft back to a standard day altitude on all fixes, a safe obstacle clearance will be maintained. These techniques have also been adopted to minimize the number of entries into the table while making corrections required by the pilot.

Additional Temperature Restrictions on IAP Charts: The charted temperature restriction for “uncompensated baro-VNAV systems” on 14 CFR Part 97 RNAV (GPS) and RNAV (RNP) Authorization Required (AR) approach plates is independent of the temperature restriction established at a “Cold Temperature Restricted Airport”. The charted temperature restriction for an uncompensated baro-VNAV system is applicable when the LNAV/VNAV line of minima is used on an RNAV (GPS) approach. The temperature restriction for an

uncompensated baro-VNAV system on an RNAV (RNP) AR approach applies to the entire procedure. Aircraft without a compensating baro-VNAV system may not use the LNAV/VNAV line of minima on the RNAV (GPS) approach when the actual temperature is above or below the charted baro-VNAV temperature restriction. For aircraft without a compensating baro-VNAV system, the RNAV (RNP) AR approach is not authorized when the actual temperature is above or below the charted baro-VNAV temperature restriction. In all cases, a cold temperature altitude correction must be applied when the actual temperature is at or below the cold temperature restricted airport temperature restriction.

How to Apply Cold Temperature Altitude Corrections on an Approach:

NTAP Segment(s) method:

Step 1: Determine if there is a published “snowflake” icon,  /CTRA temperature limit on the approach chart.

Step 2: If the reported airport temperature is at or below the published CTRA temperature limit, apply cold temperature altitude corrections to all published altitudes, on the affected segments, listed in Cold Temperature Restricted Airports List found in this NTAP.

A. Aircraft not equipped with a temperature compensating RNAV system or not using the system will make a manual correction using ICAO Cold Temperature Error Table.

- Intermediate Segment: All altitudes from the FAF/PFAF up to but not including the intermediate fix (IF) altitude. Calculate correction by taking FAF/PFAF altitude and subtracting the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Round this number as applicable and then add to FAF altitude and all step-down altitudes.
- Final segment: Calculate correction by taking the MDA or DA for the approach being flown and subtract the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Use this number or round up. Add this number to MDA or DA/DH, as applicable, and any applicable step-down fixes in the final segment.
- Missed Approach Segment: Calculate the correction by taking the final missed approach (MA) holding altitude and subtract the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Round this number as applicable and then add to the final MA altitude only.

B. If flying an aircraft equipped with a RNAV system capable of temperature compensation, follow the instructions for applying temperature compensation provided in the AFM, AFM supplement, or RNAV system operating manual. Ensure that temperature compensation is active on the segment being corrected. Manually calculate an altimetry correction for the MDA or DA. Determine an altimetry correction from the ICAO table based on the reported airport temperature and the height difference between the MDA or DA, as applicable, and the airport elevation.

NOTE: Some RNAV systems apply temperature compensation only to those altitudes associated with an instrument approach procedure loaded into the active flight plan while other systems apply temperature compensation to all procedure altitudes or user entered altitudes in the active flight plan, including altitudes associated with a STAR. For those systems that apply temperature compensation to

all altitudes in the active flight plan, delay activating temperature compensation until the aircraft has passed the last altitude constraint associated with the active STAR.

Step 3: For RNAV (GPS) approaches flown to the LNAV/VNAV line of minima using baro-VNAV vertical guidance, determine if there are published uncompensated baro-VNAV temperature limits. If the reported airport temperature is above or below the published limits, do not use the LNAV/VNAV line of minima unless the RNAV system is capable of temperature compensation and the system is active. Use an alternative line of minima (e.g., LNAV). CTRA correction must still be made on this approach if applicable.

Step 4: For RNAV (RNP) AR approaches, determine if there are uncompensated baro-VNAV temperature limits published on the approach. If the reported airport temperature is above or below the published temperature limits, the RNP (AR) approach may not be flown.

NOTE: When executing an approach with vertical guidance at a CTRA airport (i.e., ILS, LPV, LNAV/VNAV), pilots are reminded to follow the glideslope/glidepath as published when it is intersected inbound on the approach at the corrected altitude. The ILS glideslope and WAAS generated glidepath are unaffected by cold temperatures and will provide reliable vertical guidance to the corrected DA/DH. A baro-VNAV generated glidepath will be affected by cold temperatures and must be corrected when at or below the published temperature limit and using the LNAV/VNAV line of minima to DA/DH.

All Segments Method: All segments corrected from IAF through MA holding altitude:

Step 1: Determine if there is a published “snowflake” icon,  /CTRA temperature limit on the approach chart.

Step 2: If the reported airport temperature is at or below the published CTRA temperature limit, apply cold temperature altitude corrections to all published altitudes from the IAF altitude to the MA final holding altitude.

A. Aircraft not equipped with a temperature compensating RNAV system or not using that system (use manual correction).

- All altitudes from the FAF/PFAF up to and including the IAF altitude: Calculate correction by taking FAF/PFAF altitude and subtracting the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Round this number as applicable and then add to all altitudes from the FAF altitude through the IAF altitude.
- All altitudes in final segment: Calculate correction by taking the MDA or DA for the approach being flown and subtract the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Use this number or round up. Add this number to MDA or DA/DH, as applicable, and any applicable step-down fixes in the final segment.
- Final holding altitude in the Missed Approach Segment: Calculate the correction by taking the final missed approach (MA) holding altitude and subtract the airport elevation. This number will be used to enter the height above airport in the ICAO table until reaching the reported temperature. Round this number as applicable and then add to the final MA altitude only.

B. If flying an aircraft equipped with a RNAV system capable of temperature compensation, follow the instructions for applying temperature compensation provided in the AFM, AFM supplement, or RNAV system operating manual. Ensure that temperature compensation is active prior to the IAF and remains active through the entire approach. Manually calculate an altimetry correction for the MDA or DA. Determine an altimetry correction from the ICAO table based on the reported airport temperature and the height difference between the MDA or DA, as applicable, and the airport elevation.

NOTE: Some RNAV systems apply temperature compensation only to those altitudes associated with an instrument approach procedure loaded into the active flight plan while other systems apply temperature compensation to all procedure altitudes or user entered altitudes in the active flight plan, including altitudes associated with a STAR. For those systems that apply temperature compensation to all altitudes in the active flight plan, delay activating temperature compensation until the aircraft has passed the last altitude constraint associated with the active STAR.

Step 3: For RNAV (GPS) approaches flown to the LNAV/VNAV line of minima using baro-VNAV vertical guidance, determine if there are published uncompensated baro-VNAV temperature limits. If the reported airport temperature is above or below the published limits, do not use the LNAV/VNAV line of minima unless the RNAV system is capable of temperature compensation and the system is active. Use an alternative line of minima (e.g., LNAV). CTRA correction must still be made on this approach if applicable.

Step 4: For RNAV (RNP) AR approaches, determine if there are uncompensated baro-VNAV temperature limits published on the approach. If the reported airport temperature is above or below the published temperature limits, the RNP (AR) approach may not be flown.

NOTE: When executing an approach with vertical guidance at a CTRA airport (i.e., ILS, LPV, LNAV/VNAV), pilots are reminded to follow the glideslope/glidepath as published when it is intersected inbound on the approach at the corrected altitude. The ILS glideslope and WAAS generated glidepath are unaffected by cold temperatures and will provide reliable vertical guidance to the corrected DA/DH. A baro-VNAV generated glidepath will be affected by cold temperatures and must be corrected when at or below the published temperature limit and using the LNAV/VNAV line of minima to DA/DH.

Communication: Pilots must report cold temperature corrected altitudes to ATC whenever applying a cold temperature altitude correction. Pilots do not need to inform ATC of the final approach segment correction (i.e., new MDA or DA/DH). This report should be provided on initial radio contact with the ATC facility issuing approach clearance. ATC requires this information in order to ensure appropriate vertical separation between known traffic. Pilots should query ATC when vectored altitudes to a segment are lower than the requested corrected altitude. Pilots are encouraged to self-announce corrected altitude when flying into non-towered airfields.

The following are examples of appropriate pilot-to-ATC communication when applying cold-temperature altitude corrections.

- On initial check-in with ATC providing approach clearance: Hayden, CO (example below).
 - Vectors to final approach course: Outside of PICIN: *“Request 12000 ft. for cold temperature operations.”*
 - Vectors to final approach course: Inside of PICIN: *“Request 10500 ft. for cold temperature operations.”*
 - Missed Approach segment: *“Require final holding altitude, 10500 ft. on missed approach for cold temperature operations.”*

- Pilots cleared by ATC for an instrument approach procedure; “Cleared the RNAV RWY 28 approach (from any IAF)”. Hayden, CO (example below).

○ IAF: “*Request 13500 for cold temperature operations at TUSKK, TILLI or HIPNA*”

For additional information contact Kel Christianson, AFS-470, at 202-267-8838.

Cold Temperature Restricted Airports: Airports are listed by ICAO code, Airport Name, Temperature Restriction in Celsius. The temperature will be indicated on Airport IAPs next to a snowflake symbol, ❄-XX°C in the United States Terminal Procedure Publication (TPP).

Identifier	Airport Name	Temperature	Affected Segment		
			Intermediate	Final	Missed Appr
<u>Alaska</u>					
PABL	Buckland	-36C	X		
PABR	Wiley Post-Will Rogers	-42C	X		
PABT	Bettles	-37C	X	X	
PACE	Central	-25C	X	X	
PACH	Chuathbaluk	-36C	X	X	
PACI	Chalkyitsik	-32C	X		
PACM	Scammon Bay	-21C	X	X	X
PACV	Merle K (Mudhole) Smith	-22C	X		
PACX	Coldfoot	-5C	X	X	X
PADE	Deering	-24C	X	X	
PADM	Marshall Don Hunter Sr	-22C	X	X	
PAEE	EEK	-38C	X		
PAEG	Eagle	-15C	X		
PAEN	Kenai	-31C	X		
PAFA	Fairbanks Intl	-20C	X	X	X
PAFM	Ambler	-42C	X		
PAFS	Nikolai	-23C	X		
PAGA	Edward G. Pitka Sr.	-33C	X		X
PAGH	Shungnak	-20C	X		X
PAGK	Gulkana	-37C	X		
PAGL	Golovin	-21C	X		X
PAGM	Gambell	-26C		X	
PAHC	Holy Cross	-26C	X	X	
PAHL	Huslia	-32C	X		
PAHX	Shageluk	-37C	X		
PAIK	Bob Baker Memorial	-7C	X	X	
PAIL	Iliamna	-13C	X		X
PAIW	Wales	-12C	X	X	
PAJN	Juneau Intl	-13C	X		X
PAKA	Tatitlek	-19C	X		
PAKN	King Salmon	-31C	X		
PAKP	Anaktuvuk	-9C	X		

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
PAKT	Ketchikan Intl	-11C	X		
PAKV	Kaltag	-21C	X	X	
PAKW	Klawock	-12C		X	
PALG	Kalskag	-42C	X		
PAMB	Manokotak	-34C	X		
PAMC	McGrath	-31C	X	X	X
PAMH	Minchumina	-25C	X	X	X
PAMK	St Michael	-37C	X		
PANA	Napakiak	-37C	X		
PANI	Aniak	-24C	X	X	
PANN	Nenana Muni	-43C	X		
PANO	Nondalton	-13C	X	X	
PANU	Nulato	-29C	X	X	X
PANV	Anvik	-32C	X		
PAOB	Kobuk	-23C	X		
PAOM	Nome	-27C	X		
PAOR	Northway	-19C	X		
PAOT	Ralph Wien Memorial	-44C	X		
PAPE	Perryville	-17C			X
PAPG	Petersburg James A Johnson	-12C	X		X
PAQH	Quinhagak	-17C	X	X	X
PAQT	Nuiqsut	-41C	X		
PARC	Artic Village	-29C	X	X	
PARS	Russian Mission	-15C	X	X	X
PARY	Ruby	-33C	X	X	
PASA	Savoonga	-27C	X		
PASC	Deadhorse	-45C	X		
PASI	Sitka Rocky Gutierrez	-12C		X	
PASK	Selawik	-36C	X		X
PATA	Ralph M Calhoun Memorial	-32C	X	X	
PATE	Teller	-25C		X	
PATG	Togiak	-36C	X		
PATQ	Atkasuk Edward Burnell Sr. Mem	-43C	X		
PAUN	Unalakleet	-39C	X		
PAUO	Willow	-23C		X	
PAVC	King Cove	-14C	X		
PAVD	Valdez Pioneer Field	-4C	X		
PAVE	Venetie	-42C	X		
PAVL	Kivalina	-34C	X		
PAWB	Beaver	-42C	X		
PAWD	Seward	-3C	X		
PAWG	Wrangell	-5C	X	X	

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
PAWI	Wainwright	-42C	X		
PAWM	White Mountain	-40C	X		
PAWS	Wasilla	-31C	X		
PFAL	Allakaket	-34C	X		X
PFCL	Clarks Point	-34C	X		
PFEL	Elim	-15C	X	X	X
PFKK	Kokhanok	-17C	X		X
PFKT	Brevig Mission	-24C	X	X	X
PFKU	Koyukuk	-30C	X	X	
PFKW	Kwethluk	-38C	X		
PFNO	Robert (Bob) Curtis Memorial	-17C	X		X
PFSH	Shaktoolik	-25C	X		
PFTO	Tok Junction	-20C	X		
PFYU	Fort Yukon	-45C	X	X	
<u>California</u>					
KACV	Arcata	-5C		X	
KMMH	Mammoth Yosemite	-25C		X	
KBIH	Eastern Sierra Rgnl	-9C		X	
KSVE	Susanville Muni	-22C	X		
KTRK	Truckee – Tahoe	-13C	X	X	
KTVL	Lake Tahoe	-27C	X		
<u>Colorado</u>					
KA EJ	Central Colorado Rgnl	-25C		X	X
KANK	Harriet Alexander Field	-22C	X		
KASE	Aspen–Pitkin County/Sardy Field	-22C	X		
KCAG	Craig–Moffat	-26C	X	X	
KCEZ	Cortez Muni	-25C		X	
KEEO	Meeker Coulter Field	-17C	X	X	
KEGE	Eagle County Rgnl	-18C	X		X
KGUC	Gunnison–Crested Butte Rgnl	-28C	X		X
KHDN	Yampa Valley	-24C	X	X	X
KLXV	Lake County	-27C		X	
KRIL	Garfield County Rgnl	-15C	X	X	
KSBS	Steamboat Springs/Bob Adams Fld	-32C	X		
KTAD	Perry Stokes	-26C	X		
KTEX	Telluride Rgnl	-14C		X	
20V	McElroy Airfield	-25C	X		X
33V	Walden–Jackson County	-25C	X		
4V1	Spanish Peaks Airfield	-35C	X		
<u>Connecticut</u>					

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
KBDL	Bradley Intl	-23C		X	
<u>Idaho</u>					
KJER	Jerome County	-22C		X	
KLWS	Lewiston-Nez Perce County	-17C	X		
KMYL	McCall Muni	-21C	X		X
KSMN	Lemhi County	-11C	X		
KSUN	Friedman Memorial	-16C		X	
65S	Boundary County	-8C		X	
<u>Indiana</u>					
KSMD	Smith Field	-27C		X	
<u>Iowa</u>					
KAMW	Ames Muni	-27C	X		
KIKV	Ankeny Rgnl	-27C	X		
KSPW	Spencer Muni	-32C	X		
<u>Maine</u>					
KIZG	Eastern Slopes Rgnl	-18C	X		
KPQI	Northern Maine Rgnl	-30C	X		
<u>Maryland</u>					
KCBE	Greater Cumberland Rgnl	-13C		X	
<u>Massachusetts</u>					
KAQW	Harriman-and-West	-18C	X		
KBAF	Westfield-Barnes Regional	-21C		X	
KGBR	Walter J. Koladza	-21C	X		
KFIT	Fitchburg Muni	-25C	X	X	
KPSF	Pittsfield Muni	-24C		X	
0B5	Turners Falls	-22C	X		
7B2	Northampton	-24C	X		
<u>Michigan</u>					
KAPN	Alpena County Rgnl	-32C	X		
KBFA	Boyne Mountain	-29C		X	
KIWD	Gogebic-Iron County	-27C		X	
KPLN	Pellston Rgnl of Emmet County	-30C	X	X	
KTVK	Cherry Capital	-15C		X	
<u>Minnesota</u>					
KBDE	Baudette Intl	-28C		X	
KBFW	Silver Bay Municipal	-35C	X	X	
KCKC	Grand Marais/Cook County	-30C			X
KCQM	Cook Muni	-38C	X		
KELO	Ely Muni	-39C	X		
KHIB	Range Rgnl	-31C	X		
KINL	Falls Intl	-31C	X		
KRRT	Warroad Intl Memorial	-37C	X		

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
KSTP	St Paul Downtown Holman Fld	-29C	X		
12D	Tower Municipal	-38C	X		
<u>Montana</u>					
KBTM	Bert Mooney	-19C	X	X	
KBZN	Bozeman Yellowstone Intl	-12C	X		X
KCTB	Cut Bank Intl	-34C			X
KEKS	Ennis-Big Sky	-26C	X	X	X
KGPI	Glacier Park Intl	-12C	X		X
KGTF	Great Falls Intl	-33C	X		
KHLN	Helena Rgnl	-16C	X	X	X
KHVR	Havre City-County	-30C			X
KMSO	Missoula Intl	-11C	X	X	X
KOLF	L M Clayton	-38C	X		
KSBX	Shelby	-31C			X
KWYS	Yellowstone	-19C	X	X	X
M46	Colstrip	-32C	X		
M75	Malta	-37C	X		
S59	Libby	-16C	X		X
3U3	Bowman Field	-33C	X		
38S	Deer Lodge City County	-21C			X
6S5	Ravalli County	-23C	X		X
6S8	Laurel Municipal	-30C	X		
7S0	Ronan	-27C	X		
8S1	Polson	-20C	X	X	X
32S	Stevensville	-20C	X		
<u>Nebraska</u>					
KCDR	Chadron Muni	-32C	X		
<u>Nevada</u>					
KCXP	Carson	-19C		X	
KEKO	Elko Rgnl	-20C	X	X	
KELY	Ely (Yelland Field)	-31C	X		
KLLOL	Derby Field	-25C	X		
KMEV	Minden-Tahoe	-19C	X		
KRNO	Reno/Tahoe Intl	-15C		X	
KRTS	Reno/Stead	-15C		X	
KWMC	Winnemucca Muni	-22C			X
05U	Eureka	-24C			X
<u>New Hampshire</u>					
KBML	Berlin Rgnl	-24C	X	X	
KCNH	Claremont Muni	-28C		X	
KEEN	Dillant-Hopkins	-28C		X	
KHIE	Mount Washington Rgnl	-24C	X	X	X

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
KLEB	Lebanon Muni	-20C	X	X	
5B9	Haverhill/Dean Memorial	-27C		X	
<u>New Mexico</u>					
KAXX	Angel Fire	-22C	X	X	
<u>New York</u>					
KART	Watertown Intl	-37C	X		
KDKK	Chautauqua County/Dunkirk	-20C	X	X	
KDSV	Dansville Muni	-18C		X	
KELM	Elmira/Corning Rgnl	-16C	X	X	
KGFL	Floyd Bennett Memorial	-18C	X	X	
KITH	Ithaca Tompkins Rgnl	-19C		X	
KLKP	Lake Placid	-12C	X	X	
KMSS	Massena Intl-Richards Field	-34C		X	
KPBG	Plattsburgh Intl	-29C	X		
KSCH	Schenectady County	-22C	X		
KSLK	Adirondack Rgnl	-26C		X	
KVGC	Hamilton Muni	-28C	X		
N03	Cortland County-Chase Field	-25C	X		
N89	Joseph Y Resnick	-12C		X	X
06N	Randall	-20C	X		
20N	Kingston-Ulster	-21C	X		
4B6	Ticonderoga Muni	-27C		X	
<u>North Carolina</u>					
KRHP	Western Carolina Rgnl	-5C		X	
1A5	Macon County	-17C	X		
<u>North Dakota</u>					
KBIS	Bismarck Muni	-35C	X		
KDIK	Dickinson-Theodore Roosevelt Rgnl	-30C	X		
KFAR	Hector Intl	-25C	X		
KISN	Sloulin Field Intl	-36C	X		
S25	Watford City Muni	-36C	X		
<u>Ohio</u>					
KBKL	Burke Lakefront	-23C		X	
KILN	Wilmington Air Park	-22C	X		
<u>Oregon</u>					
KAAT	Astoria Rgnl	-11C	X		
KBDN	Bend Muni	-23C	X		
KBKE	Baker City Muni	-21C	X		X
KGCD	Grant County Rgnl/Ogilvie Field	-19C			X
KLGD	La Grande/Union County	-13C		X	
KLKV	Lake County	-29C			X

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
KLMT	Klamath Falls	-27C	X		
KMFR	Rogue Valley Intl–Medford	-5C	X	X	
KPDT	Eastern Oregon Rgnl at Pendleton	-19C	X		
KRDM	Roberts Field	-21C	X		
S39	Prineville	-26C	X		
3S8	Grants Pass	-15C	X		
<u>Pennsylvania</u>					
KAVP	Wilkes–Barre/Scranton Intl	-21C	X		
KIPT	Williamsport Rgnl	-10C	X	X	
KMDT	Harrisburg Intl	-17C		X	
9N3	Seamans Field	-22C	X		
<u>South Dakota</u>					
KEFC	Belle Fourche Muni	-27C	X		
KMBG	Mobridge Muni	-31C	X		
KSPF	Black Hills–Clyde Ice Field	-28C	X		
<u>Tennessee</u>					
0A9	Elizabethton Muni	-12C		X	
6A4	Mountain City/Johnson County	-20C		X	
<u>Utah</u>					
KBCE	Bryce Canyon Airport	-30C	X		
KDTA	Delta Muni	-27C			X
KENV	Wendover	-12C	X		
KLGU	Logan–Cache	-25C	X		
KRIF	Richfield Muni	-28C	X		X
KSGU	St George Muni	-14C	X	X	
U52	Beaver Municipal	-27C	X		
U55	Panguitch Municipal	-28C		X	
<u>Vermont</u>					
KBTV	Burlington Intl	-10C	X	X	
KDDH	William H. Morse State	-17C	X	X	
KEFK	Newport State	-30C	X		
KMPV	Edward F. Knapp State	-20C	X		
KMVL	Morrisville–Stowe State	-15C	X	X	X
KRUT	Rutland–Southern Vermont Rgnl	-4C	X	X	
KVSF	Hartness State (Springfield)	-24C	X	X	
<u>Virginia</u>					
KMTV	Blue Ridge	-18C	X		
KROA	Roanoke Rgnl/Woodrum Field	-9C		X	
KVBW	Bridgewater Air Park	-16C	X		
W13	Eagle’s Nest	-19C	X		

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
<u>Washington St.</u>					
KEAT	Pangborn Memorial	-7C	X		
KELN	Bowers Field	-17C	X		
KOMK	Omak	-13C		X	
<u>West Virginia</u>					
KEKN	Elkins-Randolph County Jennings Randolph Field	-10C	X	X	
W99	Grant County	-9C	X	X	
3I2	Point Pleasant/Mason County	-18C		X	
<u>Wisconsin</u>					
KASX	John F. Kennedy Memorial	-31C	X		
KCMY	Sparta/Fort McCoy	-33C	X		
KLNR	Tri-County Rgnl	-26C		X	
KLSE	La Crosse Muni	-20C		X	
KOVS	Boscobel	-27C		X	
KPDC	Prairie du Chien Muni	-28C		X	
KRHI	Rhineland-Oneida County	-31C	X		
KRPD	Rice Lake Rgnl-Carl's Field	-35C	X		
4R5	Major Gilbert Field	-33C	X		
<u>Wyoming</u>					
KAFO	Afton Municipal Airport	-22C	X	X	
KCOD	Yellowstone Rgnl	-31C	X		
KEMM	Kemmerer Muni	-35C	X		
KGCC	Gillette-Campbell County	-26C		X	
KWRL	Worland Muni	-33C			X
KGEY	South Big Horn County	-33C	X	X	
KJAC	Jackson Hole	-26C	X	X	X
KLAR	Laramie Rgnl	-35C	X		
KSHR	Sheridan County	-24C	X		
W43	Hulett Muni	-34C	X		

Additional Information: The following military airfields meet the criteria to be identified as a Cold Temperature Restricted Airport using the FAA cold temperature model. USAF, USA, USM, USN and USCG are not required to adhere to the procedures found in this NTAP at these airfields. This information is applicable to FAA authorized operators operating into these airfields.

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
KGTB	Wheeler-Sack AAF	-29C	X		
KRYM	Ray S. Miller AAF	-34C	X		
PAEI	Eielson AFB	-37C	X		X
PAFB	Ladd AAF	-33C	X		X
PAIM	Indian Mountain LRRS	-44C	X		
PALU	Cape Lisburne LRRS	-34C	X		

Identifier	Airport Name	Temperature	Intermediate	Final	Missed Appr
PASV	Sparrevohn LRRS	-21C	X		
PATC	Tin City LRRS	-37C	X		
PATL	Tatalina LRRS	-21C	X		X
PPIZ	Point Lay LRRS	-41C	X		

See the following examples for identifying and applying altitude corrections.

Hayden/Yampa Valley. Hayden, CO, Reported Temperature -24° C: RNAV (GPS) RWY 28.

NTAP Segment(s) method: Intermediate, final and missed approach required.

Uncompensated Baro-VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -24° C
2. Altitude at the Final Approach Fix (FAF) (BEEAR) = 10000 ft.
3. Airport elevation = 6606 ft.
4. Difference: 10000 ft. - 6606 ft. = 3394 ft.
5. Use the AIM 7-2-3 ICAO Cold Temperature Error Table for a height above airport of 3394 ft. and -24° C. Visual interpolation is approximately 500 ft. Actual interpolation is 546 ft. Add 500 ft. to the FAF altitude and all applicable altitudes outside of the FAF up to but not including IF altitude:
 - BEEAR (FAF): 10000 + 500 = 10500 ft.
 - PICIN (stepdown fix): 11500 + 500 = 12000 ft.
6. Correct altitudes within the final segment altitude based on the minima used, which is the LP MDA = 7080 ft.
7. Difference: 7080 ft. - 6606 ft. = 474 ft.
8. AIM 7-2-3 Table: 474 ft. at -24C is approximately 80ft. Use 80 ft. or round up to 100 ft.
9. Add corrections to altitudes up to but not including the FAF:
 - DICEV (stepdown fix): 8400 + 80 = 8480 ft.
 - BUYYA (stepdown fix): 7860 + 80 = 7940 ft.
 - LP MDA: 7080 + 80 = 7160 ft.
10. Correct MEKWY/Missed Approach Holding Altitude: MA altitude is same as BEEAR (10000); therefore, the same table calculation in step 5 may be used at MEKWY. Take 500 ft. correction for 10000 ft. and add to MA holding altitude:
 - MEKWY: 10000 + 500 = 10500 ft.

Compensated Baro-VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will set the current airport temperature (-24° C) and activate the system for the required segment(s). A manual calculation of the cold temperature altitude correction is required for the MDA/DA. Although using the temperature compensating system should provide clearance over step-down fixes on any segment, a correction will be added to all applicable step-down fixes and monitored during descent to ensure aircraft will be “at” or “above” the corrected step-down fix altitude during the approach.

All Segments Method: All segments corrected from IAF through MA holding altitude:

Uncompensated Baro-VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -24° C

2. Altitude at the Final Approach Fix (FAF) (BEEAR) = 10000 ft.
3. Airport elevation = 6606 ft.
4. Difference: $10000 - 6606 = 3394$ ft.
5. Use the AIM 7-2-3 ICAO Cold Temperature Error Table for a height above airport of 3394 ft. and -24° C. Visual interpolation is approximately 500 ft. Actual interpolation is 546 ft. Add 500 ft. to the FAF altitude and all applicable altitudes outside of the FAF up to and including IAF altitude:
 - BEEAR (FAF): $10000 + 500 = 10500$ ft.
 - PICIN (Stepdown fix): $11500 + 500 = 12000$ ft.
 - HIPNA (IF/IAF), TILLI (IAF) and TUSKK (IAF): $13000 + 500 = 13500$ ft.
6. Correct altitudes within the final segment altitude based on the minima used, which is the LP MDA = 7080 ft.
7. Difference: $7080 - 6606 = 474$ ft.
8. AIM 7-2-3 Table: 474 ft. at -24° C is approximately 80ft. Use 80 ft. or round up to 100 ft.
9. Add corrections to MDA and all stepdown fix altitudes in final segment up to but not including the FAF:
 - DICEV (stepdown fix): $8400 + 80 = 8480$ ft.
 - BUYYA (stepdown fix): $7860 + 80 = 7940$ ft.
 - LP MDA: $7080 + 80 = 7160$
10. Correct MEKWY/Missed Approach Holding Altitude: MA altitude is same as BEEAR (10000); therefore, the same table calculation in step 5 may be used at MEKWY. Take 500 ft. correction for 10000 ft. and add to MA holding altitude:
 - MEKWY: $10000 + 500 = 10500$ ft.

Compensated Baro-VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will be set to the current airport temperature (-24° C) and activated prior to the passing the IAF. A manual calculation of the cold temperature altitude correction is required for the MDA/DA. Although using the temperature compensating system should provide clearance over step-down fixes on any segment, a correction will be added to all applicable step-down fixes and monitored during descent to ensure aircraft will be “at” or “above” the corrected step-down fix altitude during the approach.

HAYDEN, COLORADO

AL-5983 (FAA)

15064

WAAS CH 48825 W28A	APP CRS 303°	Rwy Idg 10000 TDZE 6606 Apt Elev 6606
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RNAV (GPS) RWY 28

YAMPA VALLEY (HDN)

24°C DME/DME RNP-0.3 NA.
Helicopter visibility reduction below 3/4 SM NA.

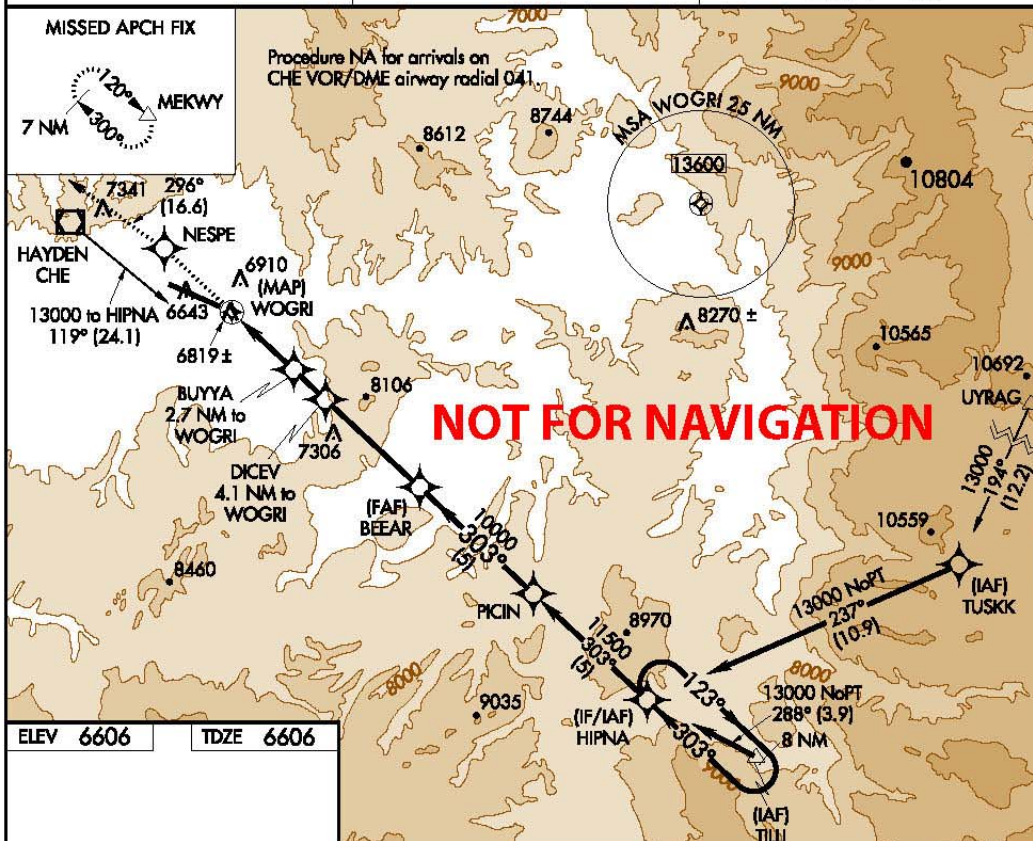
MISSED APPROACH: Climb to 10000 direct NESPE and on track 296° to MEKWY and hold.

AWOS-3
119.275

DENVER CENTER
120.475 235.975

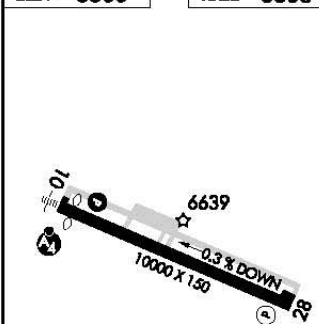
UNICOM
123.0 (CTAF) **0**

SW-1, 28 MAY 2015 to 25 JUN 2015



SW-1, 28 MAY 2015 to 25 JUN 2015

ELEV 6606 TDZE 6606



10000	NESPE	MEKWY	HIPNA				8 NM Holding Pattern
							
tr 296°							
		DICEV	BEEAR	PICIN			
BUYVA		4.1 NM to WOGRI			123° → 13000		
0.7 NM to WOGRI		2.7 NM to WOGRI	3.60°	303°		← 303°	
WOGRI		TCH 55	8400	10000	11500		
		7860					
0.5		0.7	2 NM	1.4 NM	4.1 NM	5 NM	
CATEGORY	A		B		C		D
LP MDA	7080-1		474 (500-1)		7080-1 ³ / ₈ 474 (500-1 ³ / ₈)		NA
LNAV MDA	7120-1		514 (600-1)		7120-1 ³ / ₈ 514 (600-1 ³ / ₈)		NA
CIRCLING	7220-1		614 (700-1)		7220-1 ³ / ₄ 614 (700-1 ³ / ₄)		7320-2 ¹ / ₄ 714 (800-2 ¹ / ₄)

REIL Rwy 28 **0**
HIRL Rwy 10-28 **0**

HAYDEN, COLORADO
Amdt 2B 24JUL14

40°29'N-107°13'W

YAMPA VALLEY (HDN)
RNAV (GPS) RWY 28

Arcata–Eureka CA, Reported Temperature -5° C: RNAV (GPS) RWY 1.

NTAP Segment(s) method: Intermediate segment required

Uncompensated Baro–VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -5° C
2. Altitude at the PFAF = 1900 ft.
3. Airport elevation = 222 ft.
4. Difference: 1900 ft. – 222 ft. = 1678 ft.
5. Use the AIM 7–2–3 ICAO Cold Temperature Error Table for a height above airport of 1678 ft. and -5° C. The approximate calculation is 130 ft. This may be rounded down to 100 ft. or rounded up to 200 ft. Add the correction to the FAF and all procedure altitudes outside of the FAF up to but not including IF:
 - OGMOW (PFAF): $1900 + 100 = 2000$ ft.

If the airport temperature decreases below -15° C, an uncompensated baro–VNAV system may not be used to fly this approach to the LNAV/VNAV line of minima. Pilots of aircraft without a temperature compensated baro–VNAV system should select a different line of minima appropriate to capabilities of their RNAV system (e.g. LNAV line of minima). Cold temperature correction is still required on the intermediate segment.

Compensated Baro–VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will set the current airport temperature (-5° C) and activate the system for the intermediate segment. At temperatures below -15° C, baro–VNAV temperature compensation must be on and active to use the LNAV/VNAV line of minima if baro–VNAV is used to generate the glidepath. Manual calculation of a cold temperature compensated MDA or DA, as applicable, is still required. Cold temperature correction is still required on the intermediate segment.

All Segments Method: All segments corrected from IAF through MA holding altitude:

Uncompensated Baro–VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -5° C
2. Altitude at the Precise Final Approach Fix (PFAF) (OGMOW) = 1900 ft.
3. Airport elevation = 222 ft.
4. Difference: 1900 ft. – 222 ft. = 1678 ft.
5. Use the AIM 7–2–3 ICAO Cold Temperature Error Table for a height above airport of 1678 ft. and -5° C. The approximate calculation is 130 ft. This may be rounded down to 100 ft. or rounded up to 200 ft. Add the correction to the FAF and all procedure altitudes outside of the FAF up to and including IAF altitude:
 - OGMOW (PFAF): $1900 + 100 = 2000$ ft.
 - SEGVE (IF/IAF) & Hold-in-Lieu of PT: $3000 + 100 = 3100$ ft.
6. Correct altitudes within the final segment altitude based on the minima used, which is the LNAV/VNAV DA(H) = 847 ft.
7. Difference: 847 ft. – 222 ft. = 625 ft.
8. AIM 7–2–3 Table: 625 ft. at -5° C is approximately 50 ft. Use 50 ft. or round up to 100 ft. for correction.
 - Add correction to LNAV/VNAV DA: 847 ft. + 50 ft. = 897 ft.

9. Correction at CULDU: Take final holding altitude and subtract field elevation: $3200 - 222 = 2978$. Using table, correction is approximately 230 ft. This may be rounded down to 200 ft. or up to 300 ft.

- Missed Approach Holding Altitude/CULDU: $3200 + 200 = 3400$ ft

If the airport temperature decreases below -15°C , an uncompensated baro-VNAV system may not be used to fly this approach to the LNAV/VNAV line of minima. Pilots of aircraft without a temperature compensated baro-VNAV system should select a different line of minima appropriate to capabilities of their RNAV system (e.g. LNAV line of minima). Manual calculation of a cold temperature compensated LNAV MDA, as applicable, is still required. Cold temperature correction is still required on all segments.

Compensated Baro-VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will be set to the current airport temperature (-5°C) and activated prior to the passing the IAF. A manual calculation of the cold temperature altitude correction is required for the MDA/DA. At temperatures below -15°C , baro-VNAV temperature compensation must be on and active to use the LNAV/VNAV line of minima if baro-VNAV is used to generate the glidepath. Manual calculation of a cold temperature compensated MDA or DA, as applicable, is still required. Cold temperature correction is still required on all segments.

ARCATA-EUREKA, CALIFORNIA

AL-519 (FAA)

15288

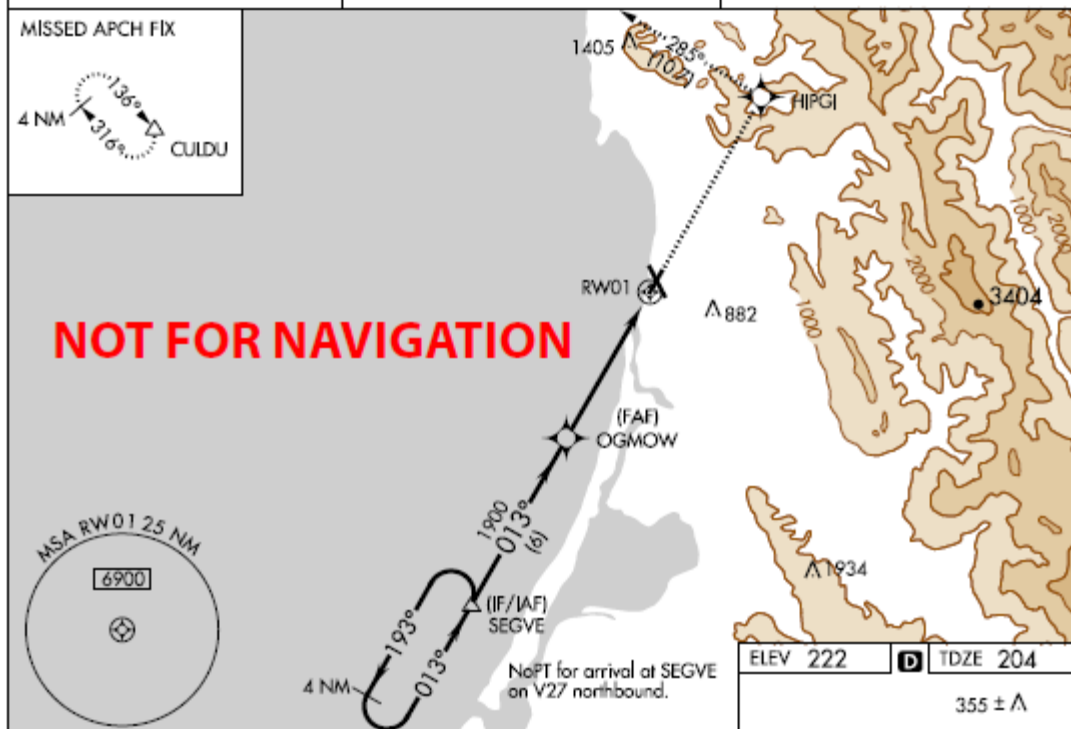
WAAS CH 63200 W01A	APP CRS 013°	Rwy Idg 4501	TDZE 204	Apt Elev 222
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RNAV (GPS) RWY 1 ARCATA (ACV)

Baro-VNAV NA when using Crescent City altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -15°C (5°F) or above 42°C (107°F). When VGSi inop, Straight-in/Circling Rwy 1 procedure NA at night. DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. Circling NA east of Rwy 14-32. When local altimeter setting not received, use Crescent City altimeter setting and increase all DA 135 feet and all MDA 140 feet, increase LPV visibility all Cats to 3 mile, LNAV/VNAV visibility all Cats to 2 3/4 mile, LNAV Cat B visibility to 1 1/2 mile, Cats C and D visibility to 3 mile, and Circling Cat B visibility to 1 1/2 mile, Cats C and D visibility to 3 mile.

MISSED APPROACH:
Climb to 3200 direct
HIPGI and on track
285° to CULDU and
hold.

ASOS 118.525	SEATTLE CENTER 124.85 306.3	UNICOM 123.0 (CTAF) 0
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4 NM Holding Pattern		SEGVE	3200	HIPGI	tr 285°	CULDU
3000		193°	013°	013°	1900	RWY 1
GP 3.00°		TCH 43	5 NM	5.3 NM		
CATEGORY	A	B	C	D		
LPV DA		880-2 1/2	676 (700-2 1/2)			
LNAV/VNAV DA		847-2 1/4	643 (700-2 1/4)			
LNAV MDA	1080-1 1/4	876 (900-1 1/4)	1080-2 1/2	876 (900-2 1/2)		
CIRCLING	1080-1 1/4	858 (900-1 1/4)	1080-2 1/2	858 (900-2 1/2)	1080-2 3/4	858 (900-2 3/4)

ARCATA-EUREKA, CALIFORNIA
Amdt 1A 23JUL15

40°59'N-124°07'W

ARCATA (ACV)
RNAV (GPS) RWY 1

Arcata–Eureka CA, Reported Temperature -5° C: ILS Y or LOC/DME RWY 32.

NTAP Segment(s) method: Intermediate segment required

Uncompensated Baro–VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -5° C
2. Altitude at the PFAF = 2100 ft.
3. Airport elevation = 222 ft.
4. Difference: 2100 ft. – 222 ft. = 1878 ft.
5. Use the AIM 7–2–3 ICAO Cold Temperature Error Table for a height above airport of 1878 ft. and -5° C. The approximate calculation is 150 ft. Round up to 200 ft. Add the correction to the FAF and all procedure altitudes outside of the FAF up to but not including IF:
 - ELVAA (PFAF): 2100 + 200 = 2300 ft.
 - OMBEE (stepdown fix): 2800 + 200 = 3000 ft.
 - HURDU (stepdown fix): 3400 + 200 = 3600 ft.

Compensated Baro–VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will set the current airport temperature (-5° C) and activate the system for the intermediate segment.

All Segments Method: All segments corrected from IAF through MA holding altitude:

Uncompensated Baro–VNAV System or Manual Method:

1. Cold Temperature Restricted Airport Temperature Limit: -5° C
2. Altitude correction at PFAF (ELVAA) = 200 ft.
3. Add the correction to the FAF and all procedure altitudes outside of the FAF up to and including IAF altitudes:
 - ELVAA (PFAF): 2100 + 200 = 2300 ft.
 - OMBEE (stepdown fix): 2800 + 200 = 3000 ft.
 - HURDU (stepdown fix): 3400 + 200 = 3600 ft.
 - KORBE (IF): 4300 + 200 = 4500 ft.
 - VOMAC (IAF): 6000 + 200 = 6200 ft.
 - FORTUNA (FOT) (IAF): 4300 + 200 = 4500 ft.
 - HIDAK (IAF): 5400 + 200 = 5600 ft.
4. Correct altitudes in the final segment based on the minima used. ILS DA(H): 421 ft.
5. Difference: 421 ft. – 222 ft. = 199 ft.
6. AIM 7–2–3 Table: 199 ft. at -5° C is 20 ft. Use 20 ft. for correction or round up to 100 ft.
7. Add correction to DA: 421 + 20 = 441 ft.
8. Correction at final holding altitude (TRIAL): Take final holding altitude and subtract field elevation: 3000 – 222 = 2778. Using table, correction is approximately 210 ft. This may be rounded down to 200 ft. or up to 300 ft.
 - Missed Approach final holding altitude (TRIAL): 3000 + 200 = 3200 ft

Compensated Baro–VNAV System:

Operators using a temperature compensating RNAV system to make altitude corrections will be set to the current airport temperature (-5° C) and activated prior to the passing the IAF. A manual calculation of the cold temperature altitude correction is required for the MDA/DA.

ARCATA-EUREKA, CALIFORNIA

AL-519 (FAA)

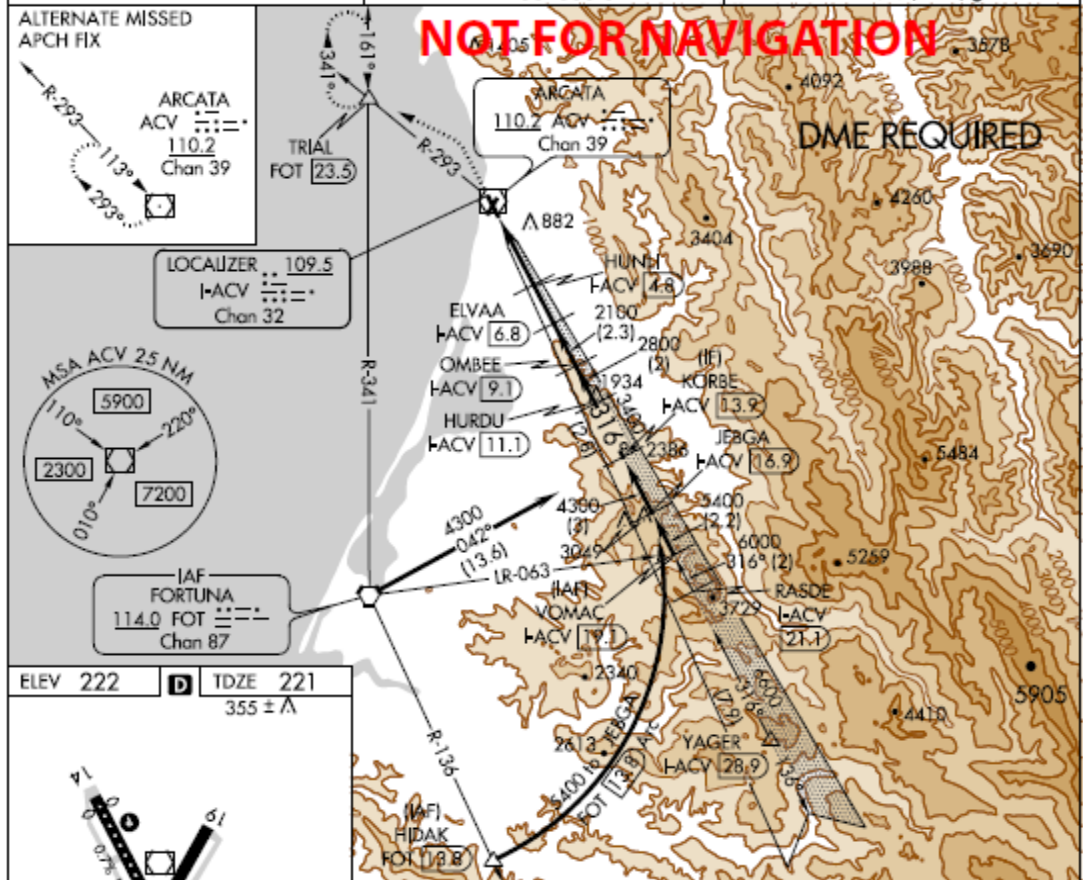
15288

LOC/DME I-ACV	APP CRS	Rwy Idg	5846
109.5	316°	TDZE	221
Chan 32		Apt Elev	222

ILS Y or LOC/DME RWY 32
ARCATA (ACV)

V A -5°C When local altimeter setting not received, use Crescent City altimeter setting and increase all DA 135 feet and all MDA 140 feet, increase S-ILS 32 visibility all Cats to RVR 3200, S-LOC 32 Cat B visibility to RVR 4000, Cat C/D to 1½ mile, increase visibility Circling Cat B to 1¼ mile, Cat C to 2 ¼ mile, Cat D to 2 ½ mile. For inop MALSR increase S-LOC 32 visibility Cats C/D to 1½ mile. For inop MALSR when using Crescent City altimeter setting increase S-ILS 32 visibility all Cats to RVR 6000, LOC Cat B visibility to 1¼, Cat C/D visibility to 2 miles. Circling NA east of Rwy 14-32.	MALSR MISSED APPROACH: Climb to 800, then climbing left turn to 3000 on heading 280° and on FOT VORTAC R-341 to TRIAL/FOT 23.5 DME and hold, continue climb-in-hold to 3000.
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ASOS 118,525	SEATTLE CENTER 124.85 306.3	UNICOM 123.0 (CTAF) 0
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			FOT R-341	TRIAL △	Use I-ACV DME when on the localizer course.	HURDU I-ACV 11.1	KORBE I-ACV 13.9		
	*LOC only.	HUNLI I-ACV 6.8	ELVAA I-ACV 9.1	OMBEE I-ACV 9.1	2100	2800	3400	4300	
	*I-ACV 2.9 I-ACV 1.1	*HACV 4.8 I-ACV 4.8	2100	2100	1440°	2100	316°	4300	
	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 43).						GS 3.00° TCH 47	4300	
	1.8	1.9	2.1 NM	2.3 NM	2 NM	2.8 NM	316° 5.8 NM from FAF	4300	
CATEGORY		A		B		C		D	
S-ILS 32		421/18 200 (200-½)							
S-LOC 32		840/24		619 (700-½)		840-1½		619 (700-1½)	
CIRCLING		840-1		618 (700-1)		840-1½		618 (700-1½)	
		840-2		618 (700-2)					

ARCATA-EUREKA, CALIFORNIA
Amdt 2C 23JUL15

40°59'N-124°07'W

ARCATA (ACV)

ILS Y or LOC/DME RWY 32

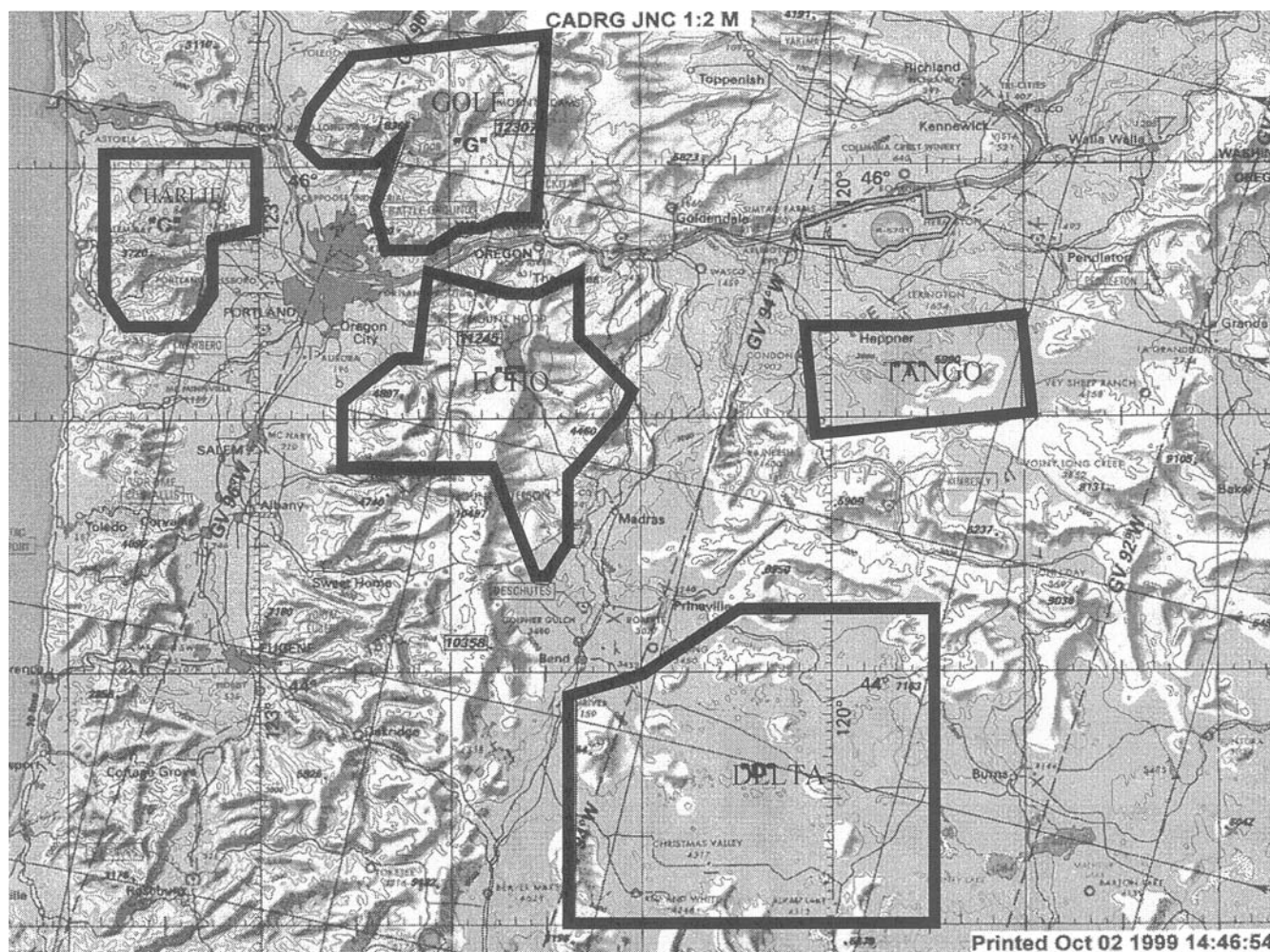
Section 2. Special Military Operations

Notice to Pilots and Interested Personnel in Northern Oregon and Southwest Washington

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

Effective Date: April 30, 2000

The U.S. Air Force 304th Rescue Squadron conducts low altitude flight in five low altitude tactical navigation (LATN) Areas: "Charlie," "Delta," "Echo," "Golf," and "Tango." These operations are conducted day and night below 200 feet above ground level (AGL). The night operations are conducted utilizing night vision goggles (NVGs). FAA exemption 5891A authorized NVG training in Air Force helicopters to be conducted without lighted position lights. These operations will ONLY be conducted below 200 feet AGL and outside of five (5) nautical miles from any public use airport, within the five (5) LATN areas.

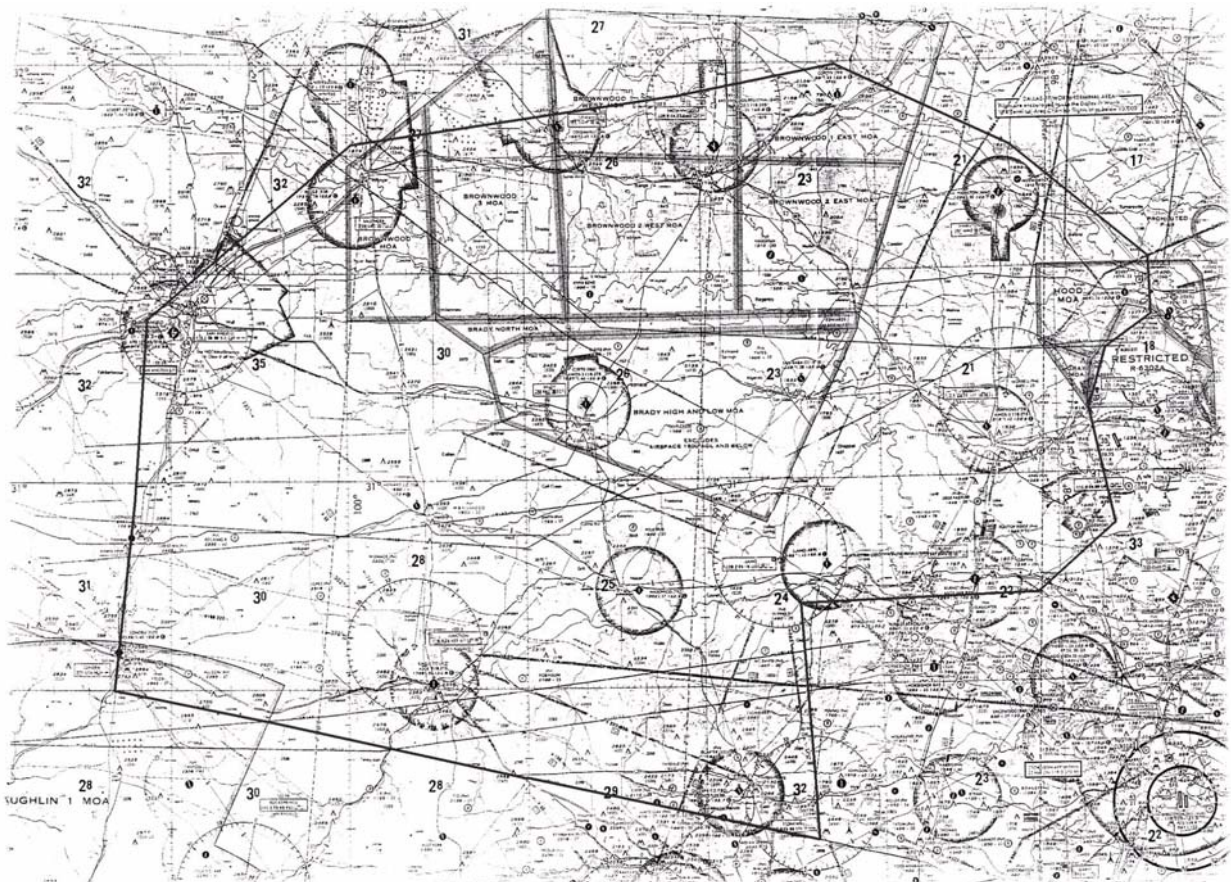


(ANM-520.6 3/2/2000)

Notice to Pilots and Interested Personnel in Central and Southwest Texas

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

The U.S. Army/National Guard is conducting “lights out” tactical helicopter training. These operations are conducted day and night. The night operations are conducted without the use of exterior aircraft lights from the surface up to 200 feet AGL, outside four (4) nautical miles from any public-use airport, and within the boundaries depicted below:



Beginning at lat. 31°24'00" N., long. 097°44'00" W./ North Fort Hood;
to lat. 31°30'00" N., long. 097°44'00" W.; to lat. 31°48'00" N., long. 098°07'00" W.;
to lat. 31°57'00" N., long. 098°37'00" W.; to lat. 31°48'00" N., long. 099°59'00" W.;
to lat. 31°23'00" N., long. 100°35'00" W.; to lat. 30°29'00" N., long. 100°40'00" W.;
to lat. 30°16'00" N., long. 098°42'00" W.; to lat. 30°43'00" N., long. 098°41'00" W.;
to lat. 30°45'00" N., long. 098°03'00" W.; to lat. 30°52'00" N., long. 097°52'00" W.;
to lat. 31°09'00" N., long. 097°55'00" W.; to lat. 31°17'00" N., long. 097°53'00" W.;
to point of origin.

(SJT 2/21/02)

LIGHTS OUT/LOW LEVEL MILITARY HELICOPTER OPERATIONS IN SOUTHWEST WISCONSIN

The Army National Guard is conducting "Lights Out" tactical operation training IAW FAA Exemption 3946J. These operations are conducted between official sunset and official sunrise at an altitude below 500' agl. and outside four (4) nautical miles from any public use airport.

The Routes are defined as below:

LONE ROCK (NVG Route #1)

42° 49.70' N 89° 24.70' W – SP
42° 45.50' N 89° 58.00' W – CP A
42° 46.00' N 90° 17.50' W – CP B
43° 03.80' N 90° 56.40' W – CP C
43° 17.74' N 91° 01.13' W – CP D
43° 43.16' N 91° 04.76' W – CP E
43° 53.21' N 91° 00.64' W – CP F
44° 08.82' N 90° 44.30' W – RP

DELLS (NVG Route #2)

43° 11.00' N 89° 54.50' W – SP
43° 26.35' N 90° 21.24' W – CP A
43° 41.34' N 90° 47.89' W – CP B
43° 43.49' N 90° 54.37' W – CP C
43° 50.10' N 90° 57.31' W – CP D
43° 51.32' N 90° 59.43' W – CP E
43° 53.21' N 91° 00.64' W – CP F
44° 08.82' N 90° 44.30' W – RP

CW3 TRAVIS E. BOXRUCKER
AASF#2 MADISON, WI
travis.boxrucker@us.army.mil

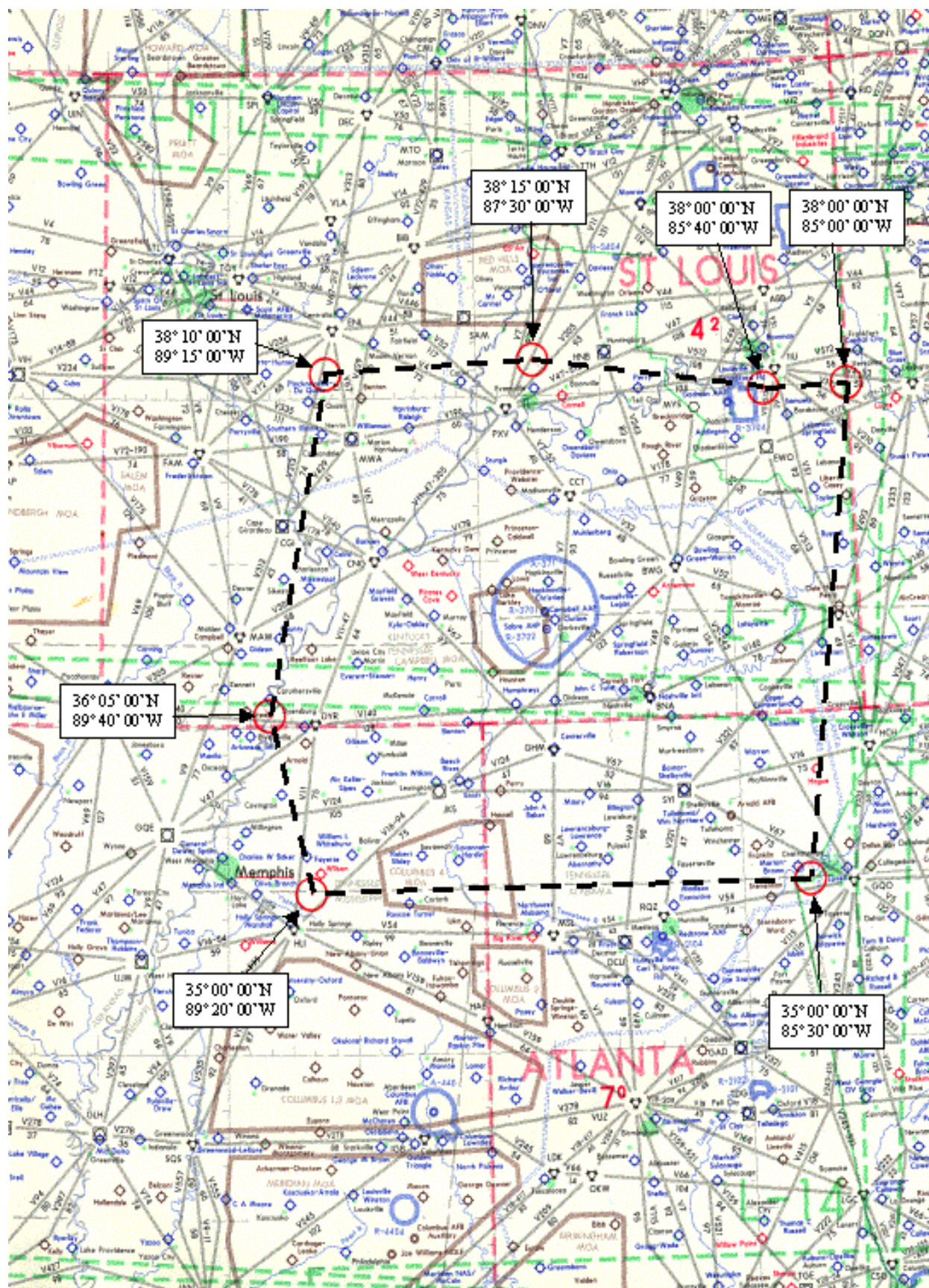
Notice to Pilots and Interested Persons in KY, TN, Southern IL, IN and Northern AL

LIGHTS OUT MILITARY HELICOPTER OPERATIONS

The U.S. Army is conducting “lights out” tactical helicopter training. These operations are conducted without the use of exterior aircraft lights from the surface to 500 feet above ground level, in accordance with FAA Exemption 3946, as amended, during the times of Sunset to Sunrise, and within the boundaries depicted below:

Lat. 38-00-00N, Long. 085-00-00W, to
Lat. 35-00-00N, Long. 085-30-00W, to
Lat. 35-00-00N, Long. 089-20-00W, to
Lat. 36-05-00N, Long. 089-40-00W, to
Lat. 38-10-00N, Long. 089-15-00W, to
Lat. 38-15-00N, Long. 087-30-00W, to
Lat. 38-00-00N, Long. 085-40-00W, to
point of origin. Excluding that airspace
within a 4 nautical mile radius of all public
use airports, and also excluding all class
“B”, “C”, “D” and “E” controlled airspace.

(ASO-530/920 6/8/06)

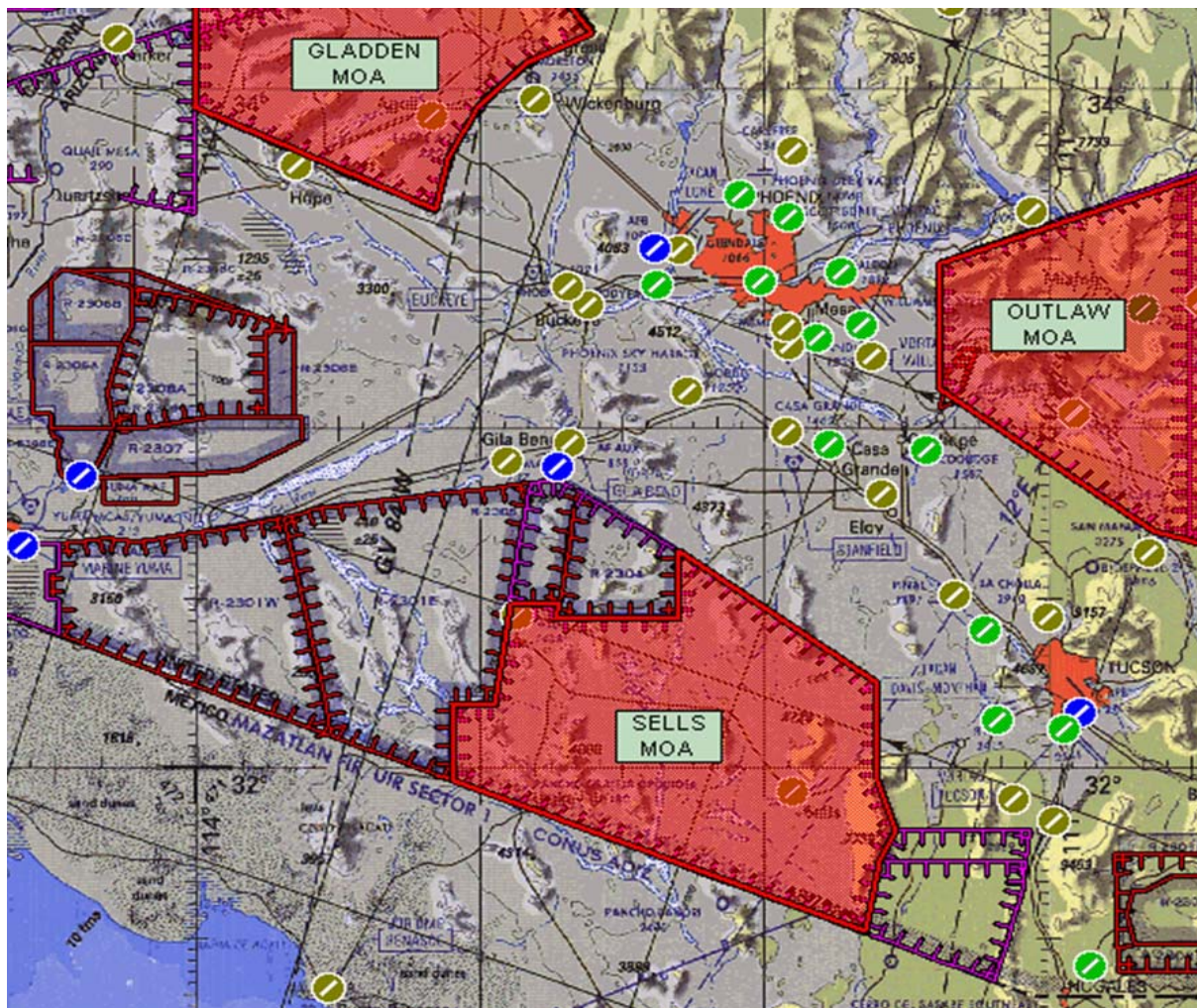


Notice to Pilots and Other Interested Personnel in Southern Arizona

Night Vision Goggle Lights-Out Operations

Sells Low/Sells 1 MOA, Arizona

Lights-out night vision goggle training operations will be conducted within the Sells Low/Sells 1 MOAs at all altitudes from sunset to 0700Z, Monday-Friday, or as scheduled by NOTAM when the MOAs are activated for military training. Nonparticipating pilots should contact Albuquerque Center on 126.45 or 125.25 for traffic advisories and NOTAM information.



SPECIAL USE AIRSPACE

Volk Falls, Volk West, Volk South, and Volk East Military Operations Areas (MOAs), WI

Effective Date: November 10, 2016

The Volk Falls, Volk West, Volk South, and Volk East MOAs are established or amended to support the Volk Field Combat Readiness Training Center (CRTC), located at Camp Douglas, WI. The MOAs provide an integrated, year-round, realistic airspace training environment for units to maintain their combat capability with realistic, mission oriented training scenarios.

The new MOAs airspace configuration enables the Volk Field CRTC to safely and effectively provide aircrew training for the most complex and dynamic mission sets (Large Force Exercises and Ready Aircrew Program Defensive Counter Air and Offensive Counter Air activities), as well as less complex and dynamic mission sets, while reducing impacts on civilian and commercial air traffic in and around the MOAs complex. The Volk Field CRTC, MOAs, and Hardwood Aerial Gunnery Range (R-6904A & B) will continue to support multiple local and deployed tactical airspace users on a daily basis; enabling a wide variety of aircrew training in both the air-to-air and air-to-ground arenas by multiple airframes.

Expected usage of the MOAs is anticipated to vary, but will be made public at least 4 hours in advance by NOTAM. Use may vary between 4 to 4.5 hours per day, depending on which MOA is in use, approximately 230 days per year. Supersonic flight is prohibited in the MOAs; however, chaff and flares will be employed in accordance with United States Air Force directives.

The Volk Falls, Volk West, and Volk South MOAs exclude the airspace 1,500 feet above ground level (AGL) and below within 3 nautical miles of airports available for public use. Refer to the MOA descriptions for which airports are excluded.

The following Volk Falls, Volk West, Volk South, and Volk East MOAs descriptions and chart depiction support the Volk Field CRTC:

Volk Falls MOA, WI (New)

Boundaries. Beginning at lat. 44°48'00"N., long. 90°26'00"W.;
to lat. 44°08'40"N., long. 90°44'20"W.;
to lat. 44°02'45"N., long. 90°44'30"W.;
to lat. 44°17'00"N., long. 91°21'00"W.;
to lat. 44°33'00"N., long. 91°21'00"W.;
to lat. 44°48'00"N., long. 90°59'00"W.;
to the point of beginning, excluding that
airspace at and below 1,500 feet AGL within a
3 NM radius of the Black River Falls Area
Airport, WI, and Neillsville Municipal
Airport, WI.

Altitudes. 500 feet AGL to, but not including, FL180.

Times of use. Intermittent by NOTAM at least 4 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

Volk West MOA, WI (Amended)

Boundaries. Beginning at lat. 44°48'00"N., long. 90°26'00"W.;
to lat. 44°48'00"N., long. 90°22'00"W.;
to lat. 44°35'00"N., long. 90°18'00"W.;
to lat. 44°27'00"N., long. 89°59'00"W.;
to lat. 44°10'00"N., long. 89°59'00"W.;
to lat. 44°03'00"N., long. 89°55'42"W.;
to lat. 44°03'00"N., long. 90°17'00"W.;
to lat. 44°00'02"N., long. 90°22'00"W.;
to lat. 44°00'02"N., long. 90°36'35"W.;
to lat. 44°00'10"N., long. 90°36'41"W.;
to lat. 44°00'28"N., long. 90°36'41"W.;
to lat. 44°09'36"N., long. 90°36'50"W.;
to lat. 44°09'36"N., long. 90°40'22"W.;
to lat. 44°08'40"N., long. 90°40'22"W.;
to lat. 44°08'40"N., long. 90°44'20"W.;
to the point of beginning, excluding that
airspace within R-6904A and R-6904B,
when active, and that airspace at and below
1,500 feet AGL within a 3 NM radius of the
Necedah Airport, WI; Bloyer Field Airport,
WI; and Neillsville Municipal Airport, WI.

Altitudes. 500 feet AGL to, but not including, FL180.

Times of use. Intermittent by NOTAM at least 4 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

Volk South MOA, WI (Amended)

Boundaries. Beginning at lat. 43°40'00"N., long. 89°46'15"W.;
to lat. 43°59'30"N., long. 90°35'16"W.;
to lat. 44°00'02"N., long. 90°35'15"W.;
to lat. 44°00'02"N., long. 90°22'00"W.;
to lat. 44°03'00"N., long. 90°17'00"W.;
to lat. 44°03'00"N., long. 89°55'42"W.;
to the point of beginning, excluding that
airspace at and below 1,500 feet AGL
within a 3 NM radius of the Mauston-New
Lisbon Union Airport, WI; Bloyer Field
Airport, WI; and Necedah Airport, WI.

Altitudes. 500 feet AGL to, but not including, FL180.

Times of use. Intermittent by NOTAM at least 4 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.

Volk East MOA, WI (Amended)

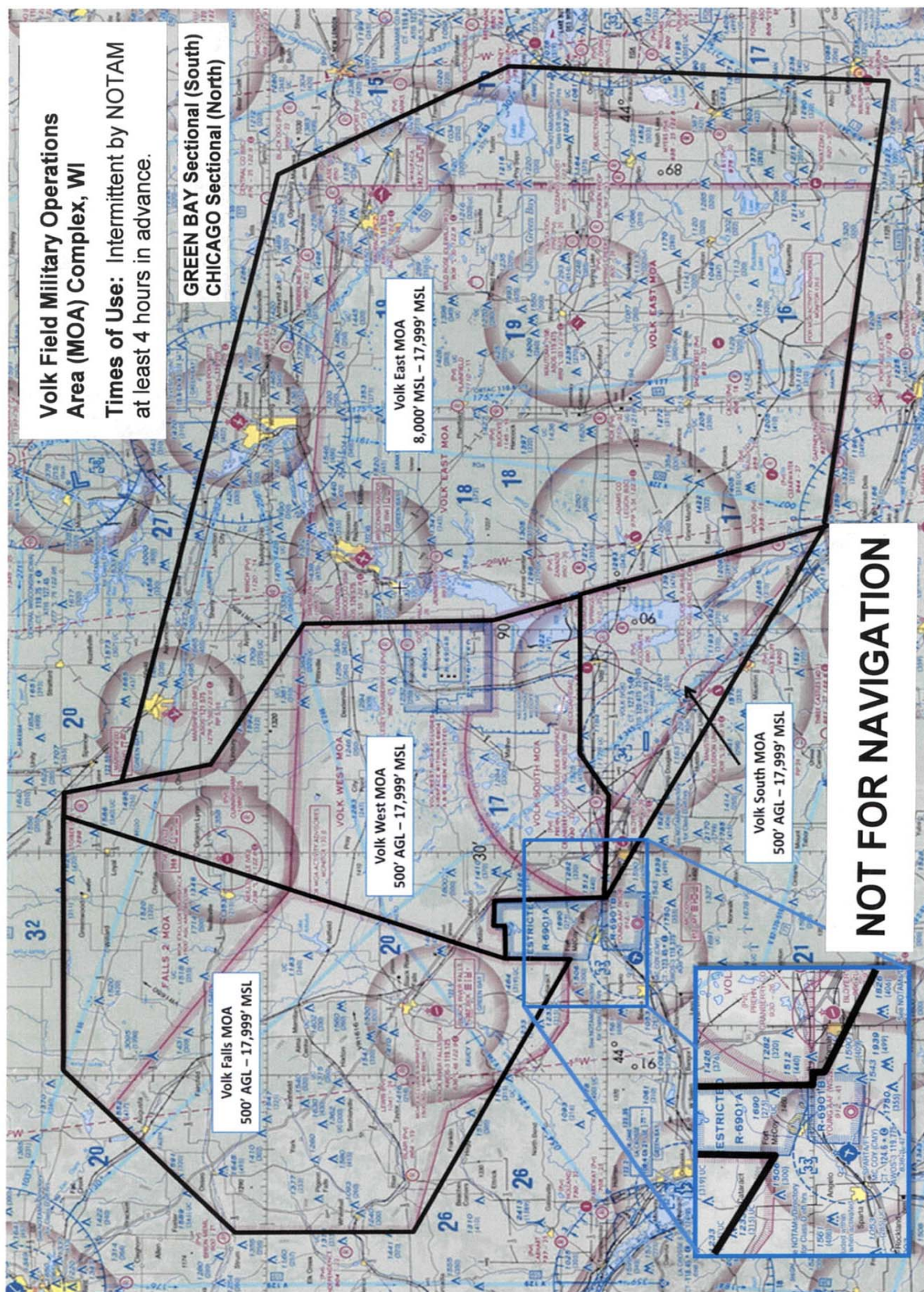
Boundaries. Beginning at lat. 44°42'01"N., long. 90°20'10"W.;
to lat. 44°35'00"N., long. 90°18'00"W.;
to lat. 44°27'00"N., long. 89°59'00"W.;
to lat. 44°10'00"N., long. 89°59'00"W.;
to lat. 44°03'00"N., long. 89°55'42"W.;
to lat. 43°40'00"N., long. 89°46'15"W.;
to lat. 43°35'30"N., long. 88°46'30"W.;
to lat. 44°09'34"N., long. 88°45'15"W.;
to lat. 44°29'00"N., long. 89°00'00"W.;
to the point of beginning.

Altitudes. 8,000 feet MSL to, but not including, FL180.

Times of use. Intermittent by NOTAM at least 4 hours in advance.

Controlling agency. FAA, Minneapolis ARTCC.

Using agency. Air National Guard, Volk Field Combat Readiness Training Center, WI.



Section 3. Airport and Facility Notices

Northeast United States



PHILADELPHIA INTERNATIONAL AIRPORT

Special Authorization to Conduct Simultaneous Approaches to Runway 26 with Departures from Runway 27R

Philadelphia International Air Traffic Control Tower has been granted a waiver that authorizes air traffic personnel to conduct simultaneous ILS approaches to Runway 26 while aircraft simultaneously depart Runway 27R.

(PHL ATCT 3/25/2010)

BALTIMORE–WASHINGTON INTERNATIONAL AIRPORT (BWI)

STANDARD TAXI ROUTES

Baltimore, Maryland

Baltimore Tower has instituted Standard Taxi Routes to Runway 28 for departure aircraft located at Pier A, B, C, and the southern portion of Pier D. Ground Control will issue the Standard Taxi Route. Pilots who are unable to comply with standardized routes should advise Ground Control on initial contact. **Read back all hold short instructions.** Aircraft operators are required to have a letter of agreement with Baltimore Tower to use the Standard Taxi Routes.

RUNWAY 28		
Start Point	Route ID	Route
Pier A, Pier B Pier C Gates 2, 4, 6, 8, 12 & 16	Perrys 1	Taxiways T, U, U1
Pier C Gates 1, 3, 5, 7, 9, 11, 13 & 15 Pier D Gates 2, 4, 7, 8, 10, 11, 12, 13, 14, 15 & 16	Perrys 2	Taxiways T, C U U1

Special Authorization to Conduct Line Up and Wait (LUAW) Operations at Intersection

Pittsburgh Tower is authorized to taxi aircraft to line up and wait (LUAW) on Runway 28L at the intersection of Taxiway P during the hours of darkness. While conducting the LUAW operation, the specific runway must be used only for departure and the intersection must be visible from the tower.

BOSTON-LOGAN INTERNATIONAL AIRPORT (KBOS)

Boston, Massachusetts

Land and Hold Short Operations (LAHSO)

Boston-Logan Airport (BOS) has received authorization to allow a Land and Hold Short Operation (LAHSO) to take place between an arriving and departing aircraft on certain runway pairs. This Arrival - Departure LAHSO is authorized at the following locations:

Arrivals on Rwy 15R (short of Rwy 9/27) - for aircraft departing on Rwy 9.

Arrivals on Rwy 27 (short of Rwy 22L/4R) - for aircraft departing on Rwy 22L.

A Rejected Landing Procedure (RLP) is required for the two LAHSO operations described above. A RLP is defined as: *“A published, predetermined heading to be used in the event of a rejected landing. Unless alternate instructions are given by ATC, pilots are expected to execute the procedure as published and remain clear of clouds.”*

The associated Rejected Landing Procedure (RLP) for each of the Arrival - Departure LAHSO configurations noted above is as follows:

Arrival - Departure LAHSO Configuration	Rejected Landing Procedure (RLP)
LAHSO on RWY 15R - Short of RWY 9 (when aircraft are departing Rwy 9)	<u>TURN RIGHT HEADING 180</u>
LAHSO on RWY 27 - Short of RWY 22L (when aircraft are departing Rwy 22L)	<u>TURN RIGHT HEADING 300</u>

It is important to note that at Boston-Logan Airport (KBOS), the RLP is only applicable if the intersecting runway is being utilized by a departing aircraft.

Arrival - Arrival LAHSO also takes place on Runway 15R (short of Rwy 9/27) to accommodate aircraft arriving on Runway 9, and, on Runway 27 (short of Rwy 22L/4R) to accommodate aircraft arriving on Runway 22L.

The Rejected Landing Procedures (RLP) noted above are not applicable when the intersecting runway is being utilized by an arriving aircraft.

OPERATIONAL EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) LOGAN INTERNATIONAL AIRPORT (KBOS), Boston, Massachusetts

PURPOSE

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs), Runway Entrance Lights (RELs), and NEW Runway Intersection Lights (RILs)**, part of the Runway Status Lights (RWSL) system, at Logan International airport in Boston Massachusetts. The operational evaluation of RWSL at BOS will commence on or about May 24, 2010, and last three (3) months. If successful, the operational evaluation may be extended until the prototype RWSL system at BOS is replaced by a production system. RWSL at BOS is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL seeks to improve airport safety by indicating when it is unsafe to cross or enter a runway or runway/runway intersection or take off from a runway. RWSL is an automatic, advisory backup system designed to prevent or reduce the severity of runway incursions. RELs will be tested at selected taxiway-runway intersections on runways 4L/22R, 4R/22L, 15R/33L, and 9/27, THLs will be tested at full-length departure locations on runways 9 and 15R, and RILs will be tested at the runway/runway intersection of 15R and 9 at Logan International Airport (KBOS).

LIGHTING

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter or cross through the use of in-pavement Runway Entrance Lights (RELs), when it is unsafe to take off through the use of in-pavement Takeoff Hold Lights (THLs), and when it is unsafe to enter or cross a runway/runway intersection through the use of Runway Intersection Lights (RILs). RELs, THLs, and RILs are installed only at selected intersections as described below.

Runway Entrance Lights (RELs)

RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location.

RELs are operational at the following intersections of Runway 4L/22R:

- **Taxiways E and K on both sides of the runway**

RELs are operational at the following intersection of Runway 4R/22L:

- **Taxiway E on the east side of the runway only**

RELs are operational at the following intersection of Runway 15R/33L:

- **Taxiway D on the west side of the runway only**

RELs are operational at the following intersection of Runway 9/27:

- **Taxiway C on the north side of the runway only**

***Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations.**

Takeoff Hold Lights (THLs)

THLs are directed toward the **approach end** of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on short final approach to land. There are two sets of THLs, each comprising a series of sixteen, double-row, **red** in-pavement lights at 100' spacing straddling the runway centerline beyond the beginning of the runway takeoff threshold for a length of 1,500'. The two sets of THLs are operational at the full-length departure positions on runways 15R and 9 as follows:

- Runway 15R: from 375' beyond the beginning of the runway takeoff threshold for a length of 1500'**

- Runway 9: from 375' beyond the beginning of the runway takeoff threshold for a length of 1500'**

***Refer to Figure 2 in the ATTACHMENTS section for a diagram of THLs locations.**

Runway Intersection Lights (RILs)

RILs are directed toward the approach end of the runway and are visible to 1) pilots in departure roll or landing roll out or 2) to all pilots and vehicle operators taxiing/driving on the runway approaching the runway/runway intersection. RILs are comprised of a series of double-row, **red**, in-pavement lights at 100' spacing straddling the runway centerline for a length of 3000' leading up to and stopping at the runway/runway intersection hold lines. RILs at BOS are operational at the runway/runway intersection of 15R and 9 as follows:

- Runway 15R: beginning at the LAHSO hold line on 15R for the 15R/9 intersection extending back toward the approach end of 15R for a length of 3000'**

- Runway 9: beginning at the runway/runway hold line on 9 for the 15R/9 intersection extending back toward the approach end of 9 for a length of 3000'**

***Refer to Figure 3 in the ATTACHMENTS section for a diagram of RILs locations.**

OPERATION

RWSL is a visual advisory system for use by pilots and vehicle operators to increase and maintain situational awareness of high-speed aircraft or vehicles on runways. It operates independently of Air Traffic Control. Runway Status Lights have two states: ON (lights are illuminated **red**) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radar (ASR), airport surface detection equipment radar (ASDE-3), and multilateration information from the ASDE-X surveillance system.

IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.

Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. RILs that are ON (illuminated **red**) indicate that the runway/runway intersection ahead is not safe to enter or cross. Pilots and vehicle operators should remain clear of a runway when RELs along their taxi route are illuminated. Pilots should not take off when THLs on the runway ahead are illuminated. Pilots and vehicle operators should remain clear of the runway/runway intersection ahead when RILs are illuminated on their runway.

RED RELs, THLs, and RILs MEAN STOP!

Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY.

Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing illuminated **red** RELs, THLs, or RILs. In such a case, the crews should HOLD SHORT of the runway for RELs, STOP the aircraft for THLs and RILs (if possible), CONTACT ATC, and await further instructions. If the pilots notice illuminated **red** RELs and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that illuminated RELs indicate the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice illuminated **red** THLs and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated **red** THL, then crews should inform ATC they are going around because of **red** lights on the runway. If pilots or vehicle operators notice illuminated **red** RILs and stopping is impossible, then crews should proceed according to their best judgment of safety (understanding that the illuminated RILs indicate the runway/runway intersection ahead is unsafe for entry or crossing) and contact ATC at the earliest opportunity.

ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs and RILs, except when directed otherwise

HOURS OF TESTING

During the current phase of testing, the RWSL system will be operational 24/7 except for short scheduled and non-scheduled maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS

RWSL testing of select light types at select locations will be conducted on runways 4L/22R, 4R/22L, 15R/33L, and 9/27 at BOS.

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in-flight operations offices and domiciles at the BOS airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by answering the surveys on the website or by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: (202) 493-4696 Fax: (202) 267-5111 Email: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

ATTACHMENT

Runway diagram of BOS with RELs locations

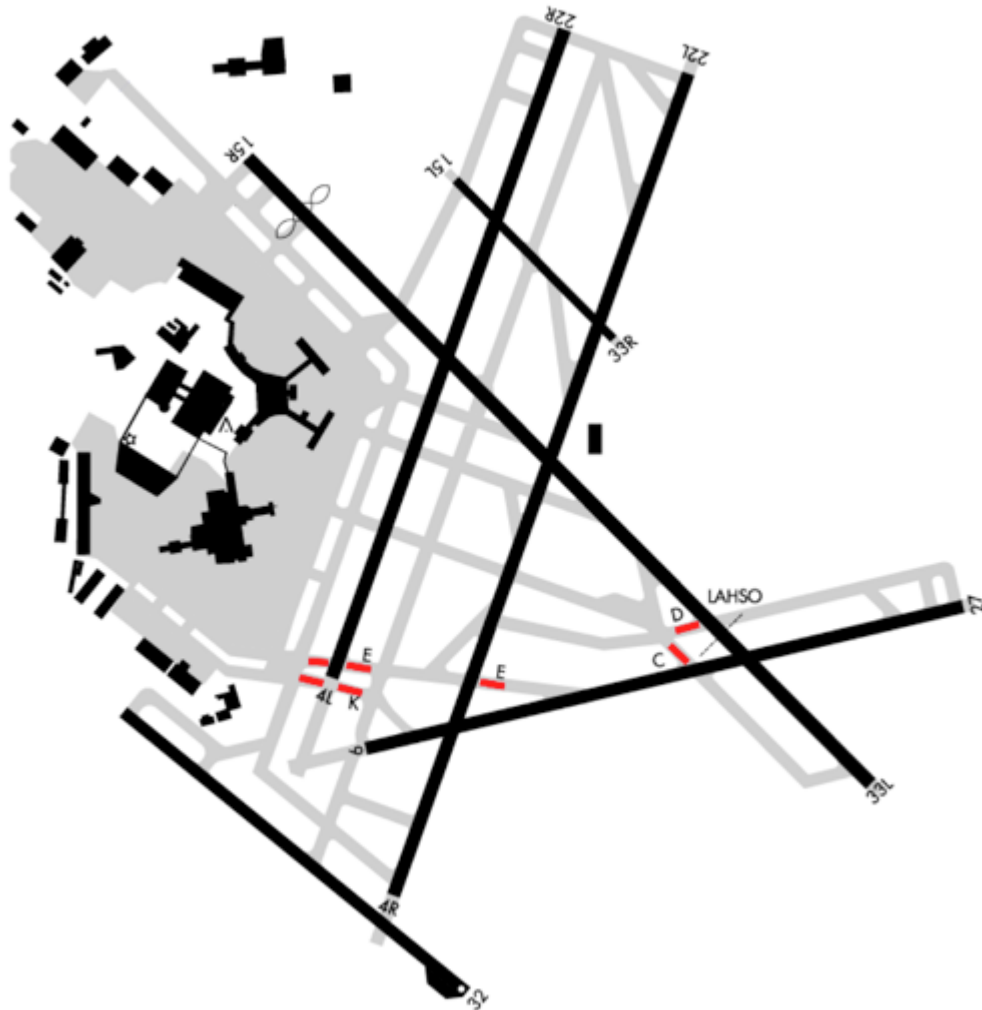


Figure 1. Runway Entrance Lights (RELs) Locations on 4L/22R, 4R/22L, 15R/33L, and 9/27

Runway Diagram of BOS with THLs Locations

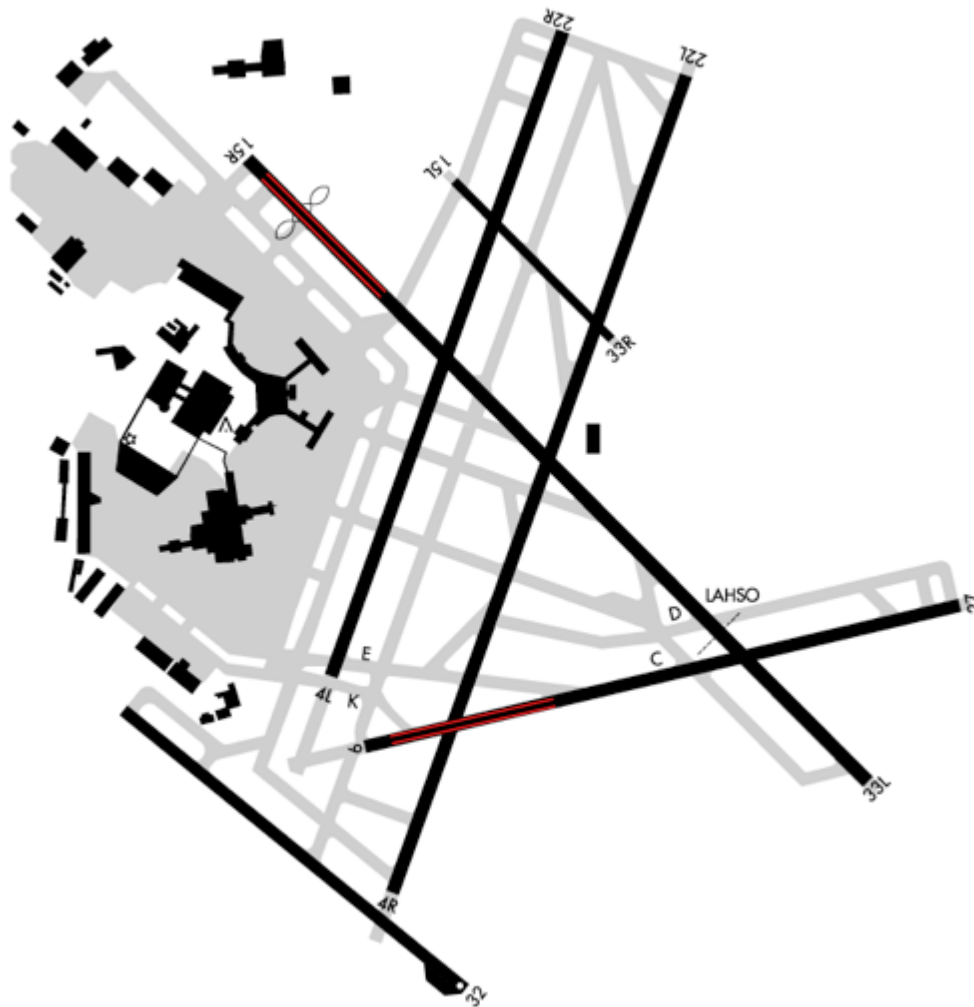


Figure 2. Takeoff Hold Lights (THLs) Locations on 15R and 9

Runway Diagram of BOS with RILs Locations

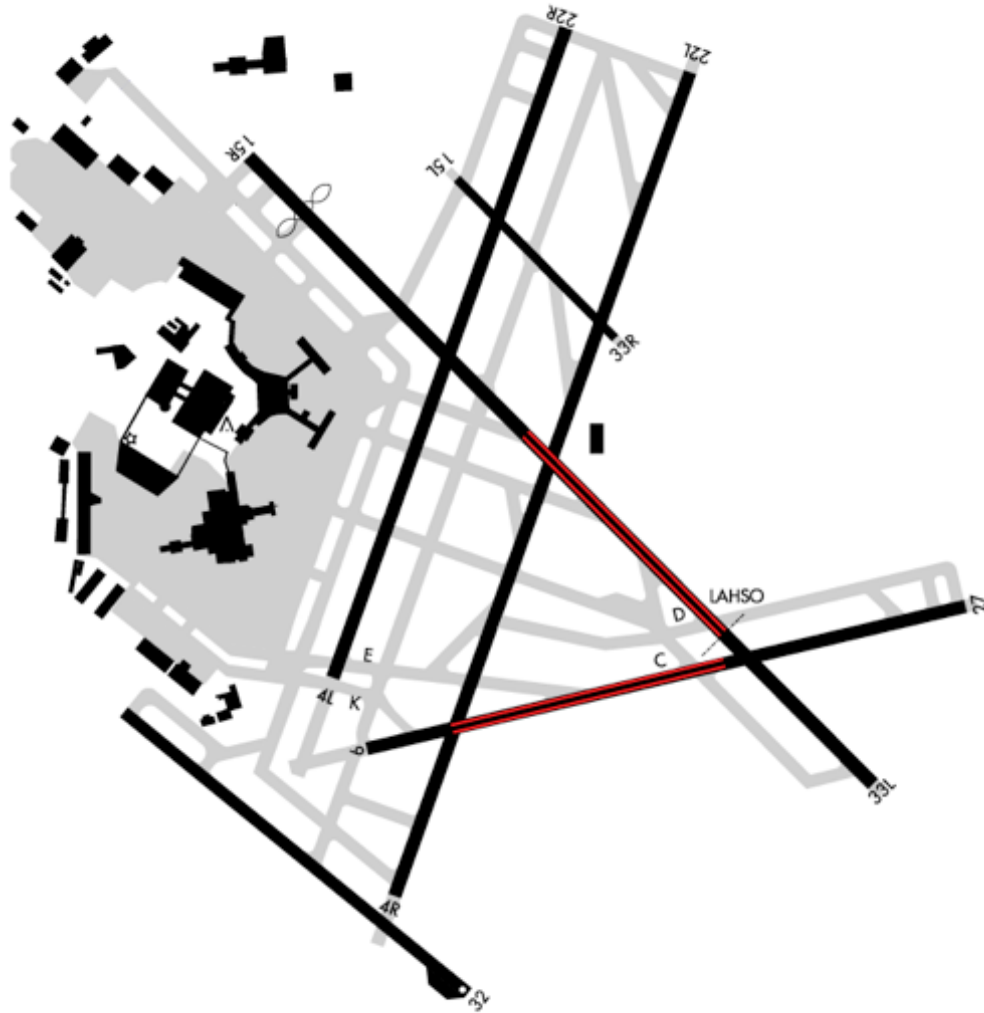


Figure 3. Runway Intersection Lights (RILs) Locations on 15R and 9

Runway Entrance Lights (RELs)

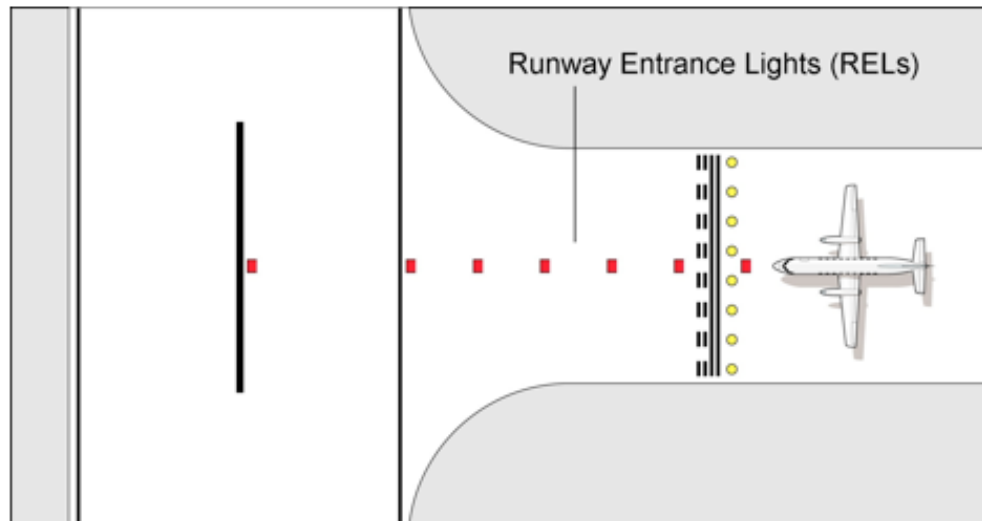


Figure 4. Generic illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline (not to scale)

Takeoff Hold Lights (THLs)

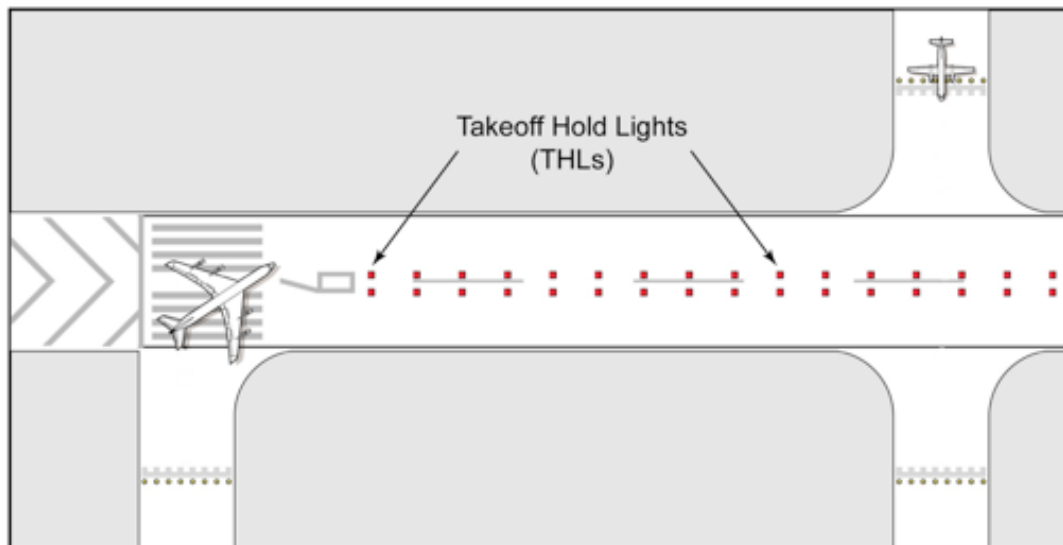


Figure 5. Generic illustration of double-row THLs straddling the runway centerline (not to scale)

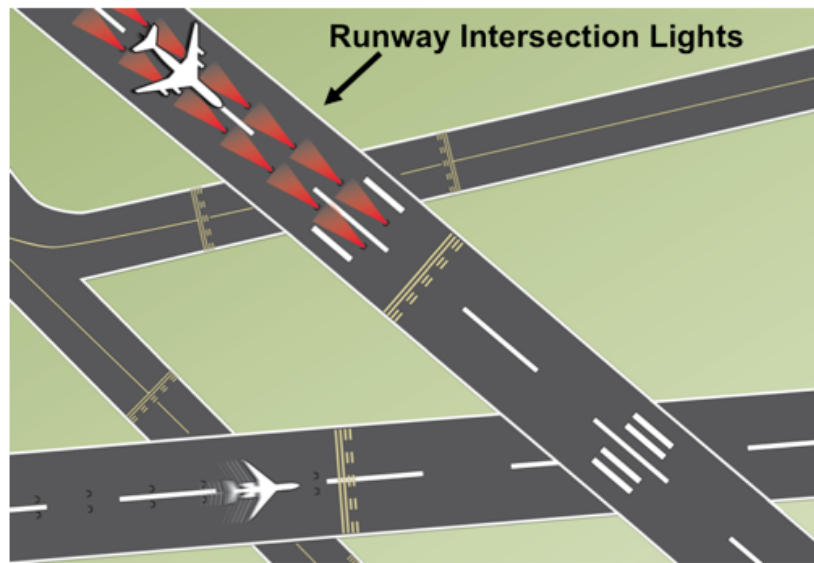
Runway Intersection Lights (RILs)

Figure 6. Generic illustration of double-row RILs straddling the runway centerline (not to scale)

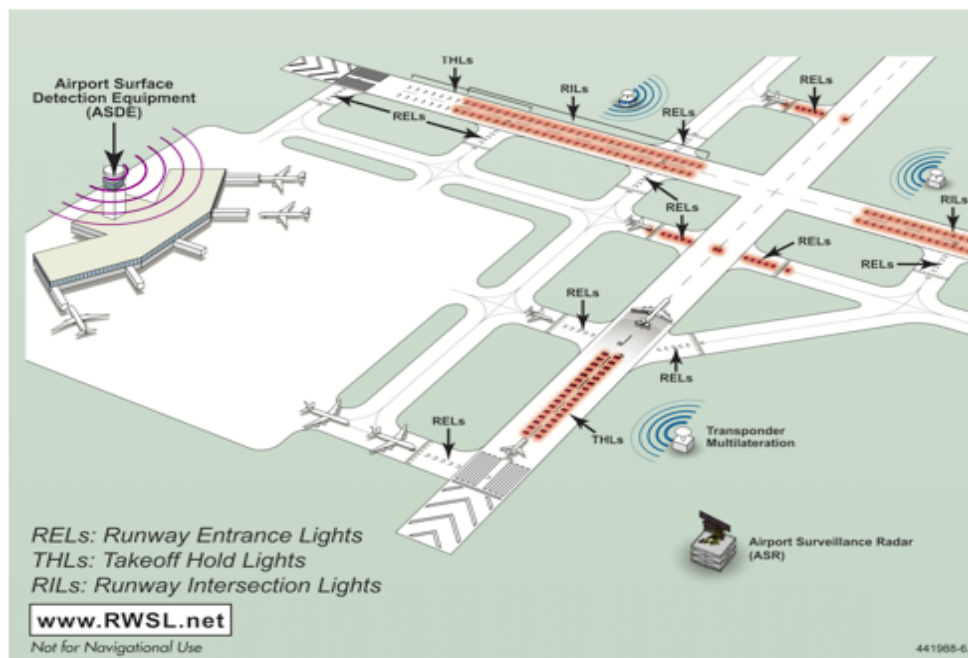
Runway Status Lights (RWSL) Operational Concept with RELs, THLs, and RILs

Figure 7. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs, THLs, and RILs shown illuminated in red

PHILADELPHIA INTERNATIONAL AIRPORT

RUNWAY 35 ARRIVALS PROCEDURES

“TALL SHIP” IN RIVER CHANNEL

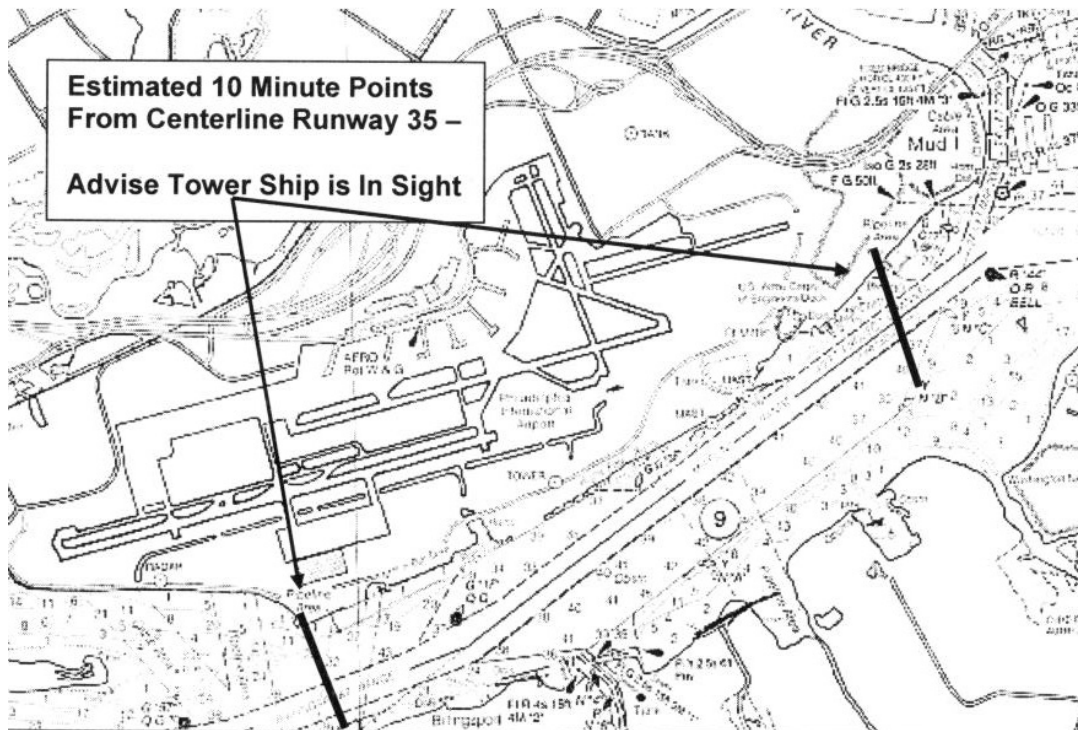
Ships with an air-draft (height above the water) of 125' or greater could be a penetration of the 20:1 Threshold Siting Surface, as referenced in the Federal Aviation Administration's (FAA) Advisory Circular AC 150/5300-13, *Airport Design*.

In 2004 procedures were put in place requiring the PHL TRACON to cease arrival operations to Runway 35 upon a 10 minute notification from the Department of Aviation “River Watch” when a “Tall Ship” is approaching the airport. Arrivals to Runway 35 may resume only upon notification from “River Watch” that the “Tall Ship” has cleared the Runway 35 Arrival Path.

When the time estimates are off even slightly, arrival aircraft that are lined up for Runway 35 must be re-routed into existing traffic flows to other runways.. At peak arrival periods there may be no available capacity on any other runway.

To reduce the impact on aircraft operations due to last minute re-sequencing to other runways and en-route holding of aircraft, on August 1, 2011 PHL ATCT will institute the following changes to Runway 35 “Tall Ship” arrival procedures:

From Sunrise to Sunset: From 10 minutes before a “Tall Ship” enters the Runway 35 Arrival Path, until the “Tall Ship” clears the Runway 35 Arrival Path; the PHL TRACON will clear aircraft for a Visual Approach Runway 35. The Approach Controller will advise the aircrew of the presence of a “Tall Ship” in the channel, and instruct the aircrew to report the ship “in sight” to the Tower Controller, then transfer the aircraft to the Tower. Once the aircrew reports that the “Tall Ship” is “in sight”, the Tower Controller will issue landing clearance. The Tower Controller would assist the pilot in acquiring the ship traffic by advising of direction of travel, or position if the vessel is pushing off the piers. Aircraft are not expected to directly over-fly a “Tall Ship”.



These procedures would be utilized from sunrise to sunset, during Visual Meteorological Conditions (VMC), utilizing Visual Approaches only. To conduct visual approaches, Air Traffic rules require cloud ceilings to be at least 500' above the Minimum Vectoring Altitude (MVA). The MVA south of the airport is 1600'. This effectively restricts Air Traffic from conducting visual approaches to Runway 35 to periods with weather conditions greater than 2100' ceilings, and assuming a standard rate of descent of 310' per nautical mile, between 5-6 miles visibility. This procedure would give a pilot more than ample time to visually acquire both the airport and a "Tall Ship".

BRADLEY INTERNATIONAL AIRPORT INSTALLATION OF IN-PAVEMENT LAND AND HOLD SHORT (LAHSO) LIGHTS

WINDSOR LOCKS, CONNECTICUT

The State of Connecticut has installed in pavement Land and Hold Short (LAHSO) Lights on Runway 24 at the hold short point of Runway 33. The available landing distance (ALD) remains unchanged at 5850 feet, allowing LAHSO Group 6 and below aircraft to utilize LAHSO procedures. In-Pavement LAHSO lights have also been installed on Runway 33 at the hold short point of Runway 24. The ALD remains unchanged at 4550 feet, allowing LAHSO Group 5 and below to utilize LAHSO procedures.

LAHSO lights appear as a bar of white pulsing lights in the pavement coincident with the painted hold short markings on the runway.

The LAHSO Lights will be illuminated whenever BDL is advertising that LAHSO operations are in use, when Runway 24 or Runway 33 is active and the airport is VFR, and when the runways are dry. Operators are advised that LAHSO lighting will remain illuminated regardless of whether a specific aircraft is instructed to land and hold short. Affected operators will be specifically instructed to LAHSO.

An ATIS message will broadcast when LAHSO is in use, which includes the ALD for each configuration.

The presence of LAHSO lights is a prerequisite condition that permits air-carrier and mixed LAHSO operations. Those operators that cannot accept LAHSO are expected to advise ATC on initial contact or as soon as practical thereafter.

NOTICES TO AIRMEN (NOTAM) FOR THE OPERATIONAL USE OF RUNWAY STATUS LIGHTS (RWSL) AT THE JOHN F KENNEDY INTL AIRPORT (JFK), NEW YORK, NY

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at the John F. Kennedy Intl Airport (JFK) commencing on April 6, 2016.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections and runways as described below.

Lighting

RWSL conveys the runway occupancy status, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of red in-pavement warning Takeoff Hold Lights (THLs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at JFK:

- **Runway 4L/22R**
 - **Taxiways J, H, G, F, YA, (NORTH and SOUTH SIDE)**
- **Runway 31R/13L**
 - **Taxiway DB (EAST and WEST SIDE)**
- **Runway 31L/13R**
 - **Taxiway K (EAST and WEST SIDE)**
 - **Taxiways KD, KE (EAST SIDE)**

The THLs are directed toward the **approach end** of the runway and are visible to pilots in position for takeoff or just commencing departure roll. There are two sets of THLs, each comprising a series of **red** in-pavement lights at 100' spacing along the runway centerline. The two sets of THLs are operational on the following runways at JFK:

- **Runway 31L comprised of 16 pairs for a total of 32 lights**

When operating at airports with RWSL, pilots will operate with the transponder "On" when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

Southeast United States



ATLANTA TRACON

PREFERRED ARRIVAL ROUTES - AIRCRAFT ARRIVING ATLANTA NORTH SATELLITE AIRPORTS FROM THE SOUTH

Effective July 29, 2010, two new STARs will be published for IFR aircraft arriving Atlanta North Satellite airports from the south. The STARs are the DIFFI and the JRAMS RNAV.

To the maximum extent possible, aircraft arriving the following airports should file either the DIFFI* or JRAMS RNAV STAR*:

<u>Airport</u>	<u>STAR(s)</u>
Canton, Cherokee County Airport (47A)	DIFFI/JRAMS
Cartersville Airport (VPC)	DIFFI/JRAMS
Cobb County, McCollum Field (RYY)	DIFFI/JRAMS
Dallas, Paulding County Regional Airport (PUJ)	DIFFI/JRAMS
DeKalb-Peachtree Airport (PDK)	DIFFI/JRAMS
Dobbins Air Reserve Base (MGE)	DIFFI/JRAMS
Fulton County Airport - Brown Field (FTY)	DIFFI/JRAMS
Gainesville, Lee Gilmer Memorial Airport (GVL)	DIFFI
Lawrenceville, Gwinnett County - Briscoe Field (LZU)	DIFFI/JRAMS
Monroe-Walton County Airport (D73)	JRAMS

*File the STAR that is most closely aligned with your route of flight.

Questions about these procedures should be referred to:

Jim Allerdice
Operations Support Specialist
Atlanta TRACON (A80)
Phone: 678-364-6169
E-mail: james.allerdice@faa.gov

ATLANTA TRACON

THE USE OF VISUAL SEPARATION FOR AIRCRAFT TRANSITIONING BETWEEN ATLANTA ATCT and ATLANTA APPROACH / DEPARTURE CONTROL

FAA JOINT ORDER 7110.65 authorizes the application and use of Visual Separation between aircraft under the control of the same facility. Historically in Terminal Facilities, Air Traffic Controllers worked in an Up/Down environment. They would rotate through the RADAR room and the Tower. In recent years, the Federal Aviation Administration has separated these functions at select locations and created a separate RADAR facility, known as a TRACON (Terminal RADAR Approach Control). This is the case in Atlanta, Georgia. Atlanta ATCT (ATL) and Atlanta TRACON (A80) are two separate and distinct air traffic facilities, each with their own employees.

In keeping with the spirit and intent of the regulations and rules governing the National Airspace System, the use and application of Visual Separation for aircraft transitioning between the two facilities will continue as if the two facilities remained one.

There will be no change in the use or application of Visual Separation in the Atlanta Terminal area, therefore the users of the National Airspace System should see no difference and this will have no effect on the flying community.

Questions about this procedure should be referred to:

Mark J. Dillon
Operations Support Specialist
Atlanta TRACON (A80)
Ph: 678-364-6175
E-mail: mark.dillon@faa.gov

ATLANTA TRACON / ATLANTA ARTCC / AUGUSTA APPROACH CONTROL REALIGNMENT OF AIRSPACE

EFFECTIVE: August 25, 2011

In order to provide weather advisory services in the eastern part of the state of Georgia, a realignment of airspace between Atlanta ARTCC, Atlanta TRACON and Augusta Approach Control is being implemented.

The ATHENS sector of Atlanta TRACON will operate from **0615 Local to 2200 Local**. Air Traffic Control Services will be provided to the following airports on frequency 132.475 / 291.1. Clearances may be obtained via published frequencies or via telephone number: 678-364-6131.

Services during all other times will be provided by Atlanta ARTCC on 127.5 / 316.05 (2200L – 0615L)

Athens / Ben Epps Airport (AHN)

Gainesville / Lee Gilmer Memorial (GVL)

Greensboro / Green County Regional (3J7)

Jefferson / Jackson County (19A)

Madison Municipal (52A)

Winder / Barrow County (WDR)

Augusta Approach Control will operate from 0645 Local to 2300 Local. Air Traffic Control Services will be provided to the following airports on frequency 126.8 / 270.3, other times by Atlanta ARTCC on **128.1 / 323.0**

Washington / Wilkes County (IIY)

Atlanta ARTCC will provide Air Traffic Control Service to the following airports on frequency 127.5:

Calhoun Falls / Hester Memorial (0A2)

Canon / Franklin County (18A)

Elberton / Elbert County PATZ Field (27A)

A diagram depicting the geographical boundaries follows.



ATLANTA HARTSFIELD-JACKSON INTERNATIONAL AIRPORT (ATL) REDUCED DIVERGENCE AREA NAVIGATION (RNAV) STANDARD INSTRUMENT DEPARTURES (SIDs)

EFFECTIVE: October 20, 2011

Beginning Thursday, October 20, 2011, ATL will implement new Reduced Divergence RNAV SIDs. These SIDs have been designed to aid in noise abatement and add departure capacity to the ATL airport while maintaining an equivalent level of safety when compared to existing separation standards. To achieve this, ATL will implement the Equivalent Lateral Spacing Operations (ELSO) standard developed by MITRE Corporation and approved for implementation by FAA Waiver 11-T-05.

1. Reduced Divergence RNAV SIDs will be conducted daily between 0700-2300 Local Time. Between 2300-0700 Local Time, aircraft will be issued noise abatement radar vectors.
2. Pilots must ensure that they are operating on the **current RNAV database** (dated 10/20/2011 or later) and that the **correct departure runway** is entered into the Flight Management Computer (FMC) prior to departure.

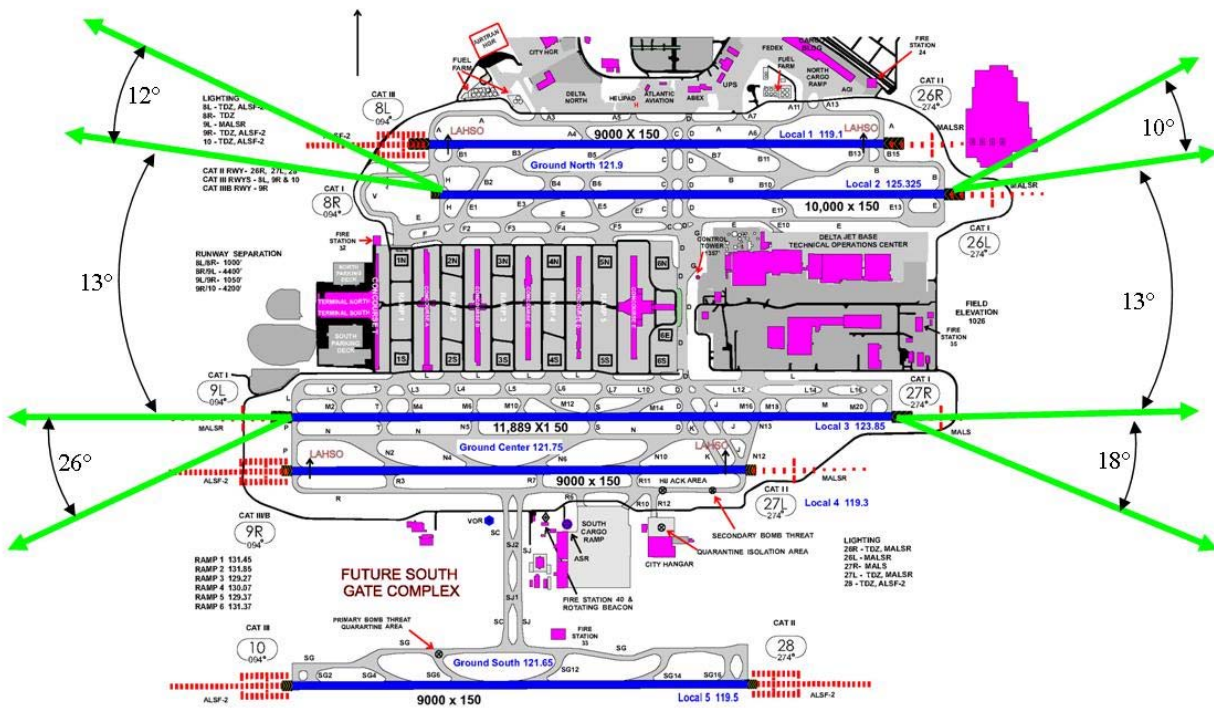
NOTE- Several fixes/waypoints on the new SIDs are new or have moved from their previous location.

3. ATL controllers will issue departure clearances to RNAV aircraft using the “RNAV to” phraseology. Example – “DAL123, RNAV to SNUFY, Runway 26L, Cleared for Takeoff.” In this case, SNUFY would be the first named fix/waypoint on the SID to be flown. The pilot is expected to verify that the fix/waypoint displayed on the Flight Management System (FMS) corresponds to the fix/waypoint issued in the departure clearance. **If the fix/waypoint is not identical, pilots must request a vector from the Tower.**
4. Advise ATC immediately of any RNAV anomaly and request vectors as necessary.
5. Extra vigilance is required in order to ensure the highest level of safety. The ATL Reduced Divergence RNAV SIDs commonly use divergence less than 15-degrees as depicted in Figure #1 and #2 below. Departure tracks may be separated by as little as 10-degrees.

Figure #1

Normal Departure Operations Utilizing the ELSO Standard

(Dual Departures)



Normal Departure Operations Utilizing the ELSO Standard

[illegible]

Email: james.allerdice@faa.gov

East Central United States



CLEVELAND-HOPKINS INTERNATIONAL AIRPORT (CLE) STANDARD (CODED) TAXI ROUTES

Effective: Until Further Notice

The Cleveland–Hopkins International Airport (CLE) has instituted standardized taxi routes to all runways for departure aircraft.

These standardized taxi routes will use color-coded designations for routings to various runways. The color-coded routes may be issued by the CLE ground controller instead of the normal traditional full taxiway routings. The routes and associated codes are published in text form below. Pilots who are unable to comply with standardized routes should advise ground control on initial contact.

READBACK ALL HOLD SHORT INSTRUCTIONS

Runway 6L		
Route ID	Start Point	Routing Via
Violet	All Terminal Parking Areas	Juliet, Kilo, Lima, November HOLD SHORT OF RUNWAY 6R and monitor 120.9, Golf. <i>(Monitor 124.5 when west of Runway 6R)</i>

Runway 6R		
Route ID	Start Point	Routing Via
Emerald	All Terminal Parking Areas	Juliet, Kilo and Lima.

Runway 6R, Intersection Tango		
Route ID	Start Point	Routing Via
Red	All Terminal Parking Areas	Juliet, Kilo, Lima and Tango

Runway 24L		
Route ID	Start Point	Routing Via
Blue	All Terminal Parking Areas	Juliet, Sierra, Lima, Whiskey

Runway 24R		
Route ID	Start Point	Routing Via
Grey	All Terminal Parking Areas	Juliet, Sierra, HOLD SHORT OF RUNWAY 24L and monitor 120.9, Sierra. <i>(Monitor 124.5 when west of Runway 24L)</i>

Runway 24R		
Route ID	Start Point	Routing Via
Orange	All Terminal Parking Areas	Juliet, Romeo HOLD SHORT OF RUNWAY 24L and monitor 120.9, Bravo, Golf, Sierra. <i>(Monitor 124.5 when west of Runway 24L)</i>

(CLE ATCT 10/23/08)

DETROIT METROPOLITAN WAYNE COUNTY (DTW)

STANDARD (CODED) TAXI ROUTES

RUNWAY 22L

Route ID	Starting Point	Routing Via
Green 5	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8	Uniform, Yankee.
Green 6	South terminal circle 2S. CONTACT GROUND ON 119.25	J-8, Tango, Yankee. Hold short of Quebec and contact ground on 132.72. Hold short of Uniform and contact ground on 121.8.
Green 7	North terminal circle 1. CONTACT GROUND ON 119.45	Hotel, Yankee. Hold short of Kilo and contact ground 121.8.
Green 8	South terminal circle 2N. CONTACT GROUND ON 119.45	Uniform, Foxtrot, Hotel and Yankee. Hold short of Kilo and contact ground on 121.8.

RUNWAY 21R

Route ID	Starting Point	Routing Via
Blue 1	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8.	TURN RIGHT on Uniform, Golf, RY 9L, Mike and M-6. Hold short of U-8 and contact ground on 119.45.
Blue 2	South terminal circles 3N or 4N. CONTACT GROUND ON 121.8.	TURN RIGHT on Uniform, Golf, Victor, Mike and M-6. Hold short of U-8 and contact ground on 119.45.
Blue 3	South terminal circle 2N. CONTACT GROUND ON 119.45.	Uniform, Golf, Victor, Mike, M-6.
Blue 4	South terminal circle 2N. CONTACT GROUND ON 119.45.	Uniform, Golf, RY 9L, Mike, M-6.
Blue 6	South terminal circle 3N or 4N CONTACT GROUND ON 121.8.	TURN LEFT on Uniform, join Kilo, RY 9L, Golf, Victor, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.

Blue 7	South terminal circles 2S. CONTACT GROUND ON 119.25	Juliet, Papa Papa, Foxtrot, Whiskey and Papa.
Blue 11	South terminal circles 3N or 4N CONTACT GROUND ON 121.8	TURN LEFT on Uniform, join Kilo, RY 9L, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 16	South terminal Taxiway Kilo between Taxiways Romeo and Uniform CONTACT GROUND ON 132.72.	Kilo, RY 9L, Mike and M-6. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 17	South terminal . Taxiway Kilo between Taxiways Romeo and Uniform CONTACT GROUND ON 132.72.	Kilo, RY 9L, Golf, Victor, Mike and M-6. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Blue 14	North terminal circle 1 CONTACT GROUND ON 119.45	Foxtrot, Victor, Mike, and M-6.
Blue 15	North terminal circles 2 through 6 CONTACT GROUND ON 121.8	Kilo, Victor, Mike and M-6. Hold short of Foxtrot and contact ground on 119.45.

RUNWAY 3L

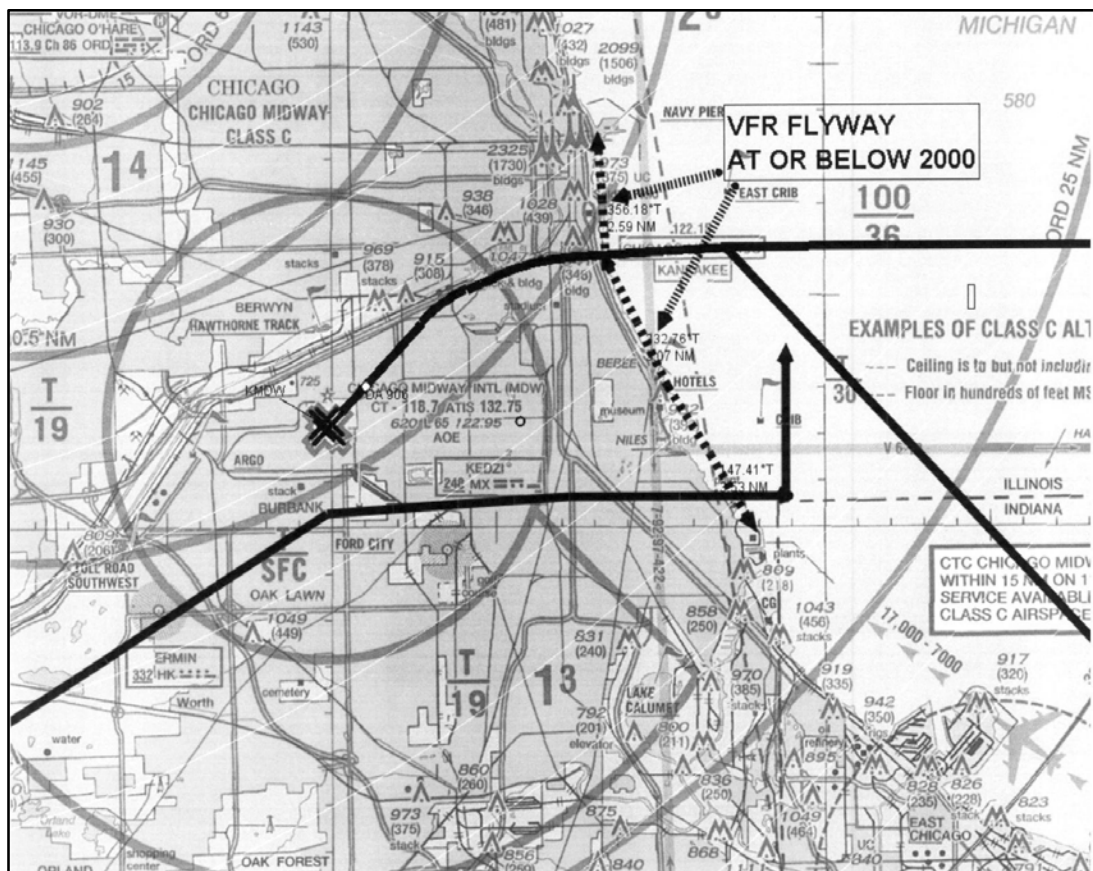
Route ID	Starting Point	Routing Via
Brown 8	South terminal Taxiway Kilo between Taxiways Romeo and Uniform. CONTACT GROUND ON 132.72.	Kilo, RY 9L, Foxtrot and Mike. Hold short of Uniform and contact ground 121.8. Hold short of Foxtrot and contact ground on 119.45 joining RY 9L.
Brown 2	South terminal circle 2S. CONTACT GROUND ON 119.25.	Juliet, Papa Papa. Hold short of PP-1 and MONITOR tower on 118.4
Brown 4	North terminal circles 2 through 6 CONTACT GROUND ON 121.8	Kilo, Victor, Foxtrot, Mike. Hold short of Foxtrot and contact ground on 119.45.
Brown 6	North terminal circle 1 CONTACT GROUND ON 119.45	Foxtrot, Mike.
Brown 7	South terminal circle 2S. CONTACT GROUND ON 119.25.	Juliet, Papa Papa, PP1.

MIDWAY AIRPORT (MDW) NEW RNAV APPROACHES TO RUNWAY 22L

Effective February 6, 2014

Chicago TRACON will begin a new arrival flow for Midway (MDW) airport on February 6, 2014. During times that MDW airport is operating on this configuration, MDW arrivals will cross the Lake Michigan shoreline (from Navy Pier to Gary/Chicago Int'l airport) between 3,000 feet and 2,400 feet inbound to runway 22L. When transitioning the Chicago Metropolitan area along the Lake Michigan shoreline, VFR aircrafts are advised that lower altitudes are strongly suggested whenever MDW is on a runway 22L configuration.

Chicago TRACON



**Red tracks indicate the estimated flight paths into Runway 22L*

Should you have any questions, please feel free to contact the Chicago TRACON Plans and Procedures office at:

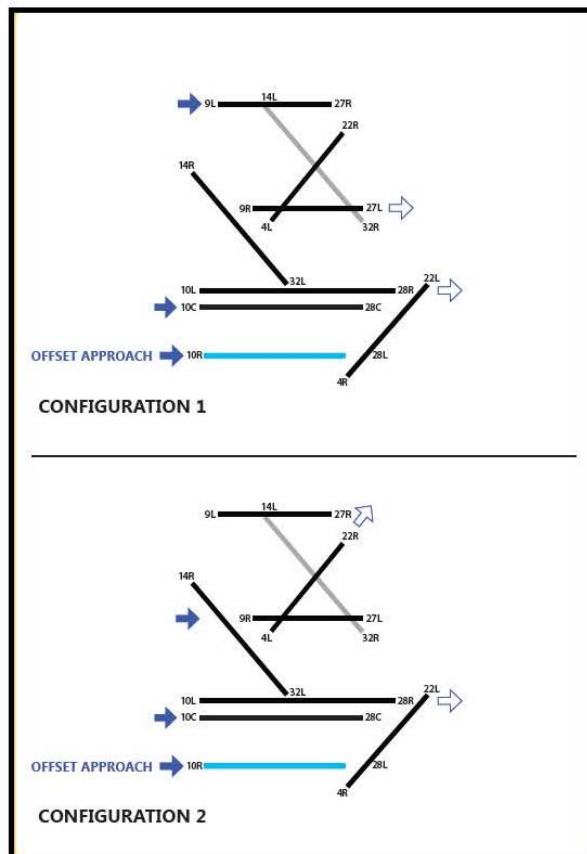
(847)608-5591

O'HARE INTERNATIONAL AIRPORT RUNWAY 10R/28L

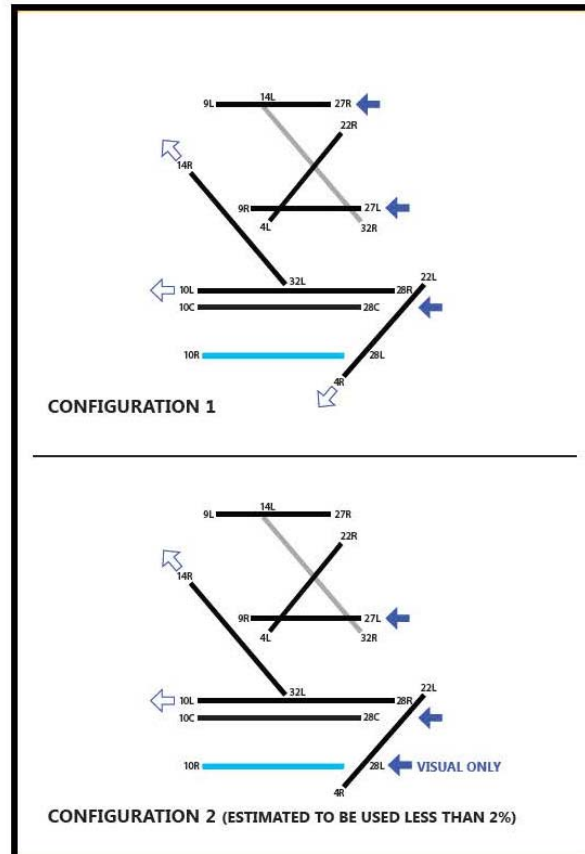
OPENS OCTOBER 15, 2015

New Runway 10R/28L opens on October 15, 2015. Arrivals and departures at O'Hare will remain in primarily east/west flow.

EAST FLOW CONDITIONS



WEST FLOW CONDITIONS



→ Arrivals → Departures

**NOTICES TO AIRMEN (NOTAM) FOR THE OPERATIONAL
USE OF RUNWAY STATUS LIGHTS (RWSL)
AT THE CHICAGO O'HARE INTL AIRPORT (ORD), CHICAGO, IL**

The Federal Aviation Administration (FAA) will operate the Runway Status Lights (RWSL) system at the Chicago O'Hare Intl Airport (ORD) commencing on April 27, 2016.

Runway Status Lights, indicate when a runway is unsafe to enter, cross, or take-off through the use of in-pavement red lights installed only at selected intersections and runways as described below.

LIGHTING

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of red in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of red in-pavement warning Takeoff Hold Lights (THLs).

The RELs are a series of red lights, typically 6, 7 or up to 20+ in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections at ORD:

- **Runway 10L/28R**
 - ☐ **Taxiways AA, BB, CC, DD, T, F, EE, GG, Y (NORTH and SOUTH SIDE)**
 - ☐ **Taxiway N1, N5 (NORTH SIDE)**
 - ☐ **Taxiways P4 (SOUTH SIDE)**

The THLs are directed toward the **approach end** of the runway and are visible to pilots in position for takeoff or just commencing departure roll. There are two sets of THLs, each comprising a series of **red** in-pavement lights at 100' spacing along the runway centerline. The four sets of THLs are operational on the following runways at ORD:

- **Runway 10L comprised of 16 pairs for a total of 32 lights**
- **Runway 10L at taxiway DD comprised of 16 pairs for a total of 32 lights**
- **Runway 28R comprised of 16 pairs for a total of 32 lights**
- **Runway 28R at taxiway N5 comprised of 16 pairs for a total of 32 lights**

When operating at airports with RWSL, pilots will operate with the transponder "On" when departing the gate or parking area until arrival at the gate or parking area. This ensures interaction with the FAA surveillance systems which provide information to the RWSL system.

Runway Status Lights indicate runway status only. They do not substitute for an ATC clearance. Pilots are still required to receive an ATC clearance as they normally would for any operation on the runway.

Pilots are encouraged to learn more about the RWSL system at http://www.faa.gov/air_traffic/technology/rwsl/

South Central United States



**NOTICES TO AIRMEN (NOTAM) FOR THE CONTINUED OPERATIONAL
EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE
DALLAS/FORT WORTH INTERNATIONAL AIRPORT, DALLAS, TEXAS
WEST AIRFIELD**

PURPOSE

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs)**, part of the Runway Status Lights System (RWSL), on Runway 18L/36R at the Dallas/Fort Worth International Airport (DFW). The existing Runway Entrance Lights (RELs) will continue to operate along with the newly installed THLs. RWSL is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights. RWSL seeks to improve airport safety by indicating when it is unsafe to cross, enter or take off from a runway. RWSL is an automatic, advisory backup system expected to prevent or reduce the severity of runway incursions.

LIGHTING

RWSL conveys the runway occupancy status, indicating when a runway is unsafe to enter through the use of in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of in-pavement warning Takeoff Hold Lights (THLs). RELs and THLs have been installed on Runway 18L/36R.

The RELs are a series of five **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the runway hold line and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. RELs are operational at the following intersections of Runway 18L/36R:

- **West Side: at Taxiways Y, Z, WJ, WK, G8, WL, WM, B, and A**
- **East Side: at Taxiways Y, Z, B, and A**

THLs are directed toward the approach end of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on final approach to land. There are four sets of THLs, each comprising a series of eleven **red** in-pavement lights at 100' spacing along the runway centerline. The four sets of THLs are operational at the full-length and intersection departure positions on Runway 18L/36R, as follows:

- **Runway 18L: from 875' beyond the runway threshold for a length of 1000' and from 875' beyond the northern edge of the Y taxiway intersection for a length of 1000'**
- **Runway 36R: from 875' beyond the runway threshold for a length of 1000' and from 875' beyond the southern edge of the A taxiway intersection for a length of 1000'**

OPERATION

RWSL is an advisory system for use by pilots and vehicle operators and helps maintain situational awareness. It operates independently of Air Traffic Control. Status lights have two states: ON (lights are illuminated red) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radars (ASRs), surface detection radars (ASDE-3 or ASDE-X) and multilateration information from the ASDE-X surveillance system.

IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.

Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. **RED MEANS STOP!** Pilots should remain clear of a runway when an REL along their taxi route is illuminated. Pilots should not take off when a THL on the runway ahead is illuminated. Lights that are off convey no meaning.

THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY.

Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing an illuminated red REL or THL. In such a case, the crews should **HOLD SHORT** of the runway for RELs or **STOP the aircraft** for THLs (if possible), CONTACT ATC, and await further instructions.

If the pilots notice an illuminated red REL and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated REL indicates the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice an illuminated red THL and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated red THL, then crews should inform ATC they are going around because of red lights on the runway.

ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations.

Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs, except when directed otherwise.

HOURS OF TESTING

During the current phase of testing, the RWSL system will be operational 24/7 except for short maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS

Although the system has been designed to operate under all DFW operating configurations, testing will only be conducted on the West airfield when the runway instrumented with RWSL, Runway 18L/36R, is in use (i.e., during both South flow and North flow runway configurations).

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. A brief list of questions will be posted on the website. It is essential that pilots respond to surveys available on various venues including the RWSL website via the Internet, <http://www.RWSL.net>, in flight operations offices and domiciles at the DFW airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: 202 -493-4696
Fax : 202- 267-5111 e-mail: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

(08/27/09)

Drawing of DFW runway diagram for west side with THLs and RELs on runway 18L/36R.

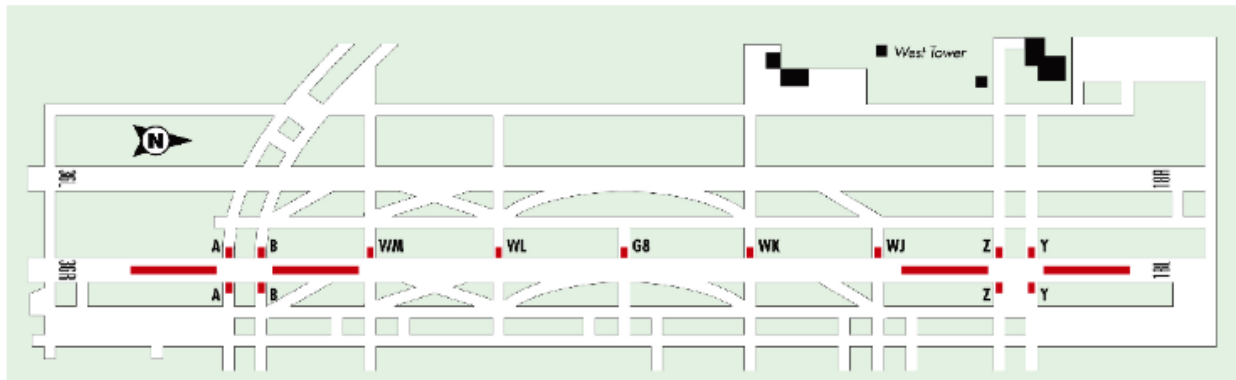


Figure 1. DFW west side with THLs and RELs on runway 18L/36R.

Drawing of Runway Entrance Lights (RELs) along a straight taxiway centerline.

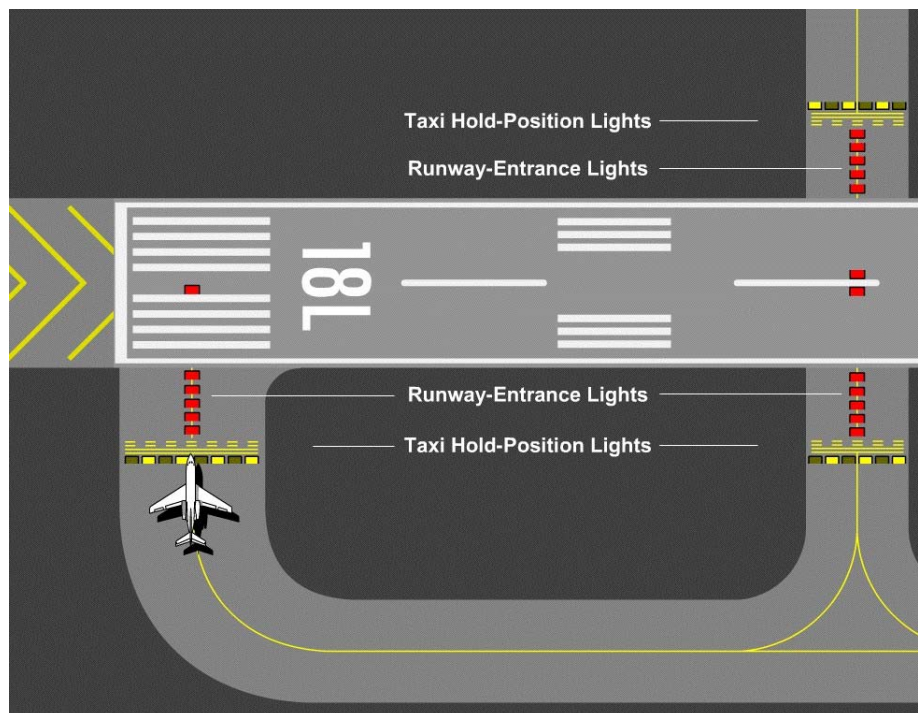


Figure 2. Illustration of Runway Entrance Lights (RELs) along a taxiway centerline.
(not to scale)

Drawing of Takeoff Hold Lights along a runway centerline

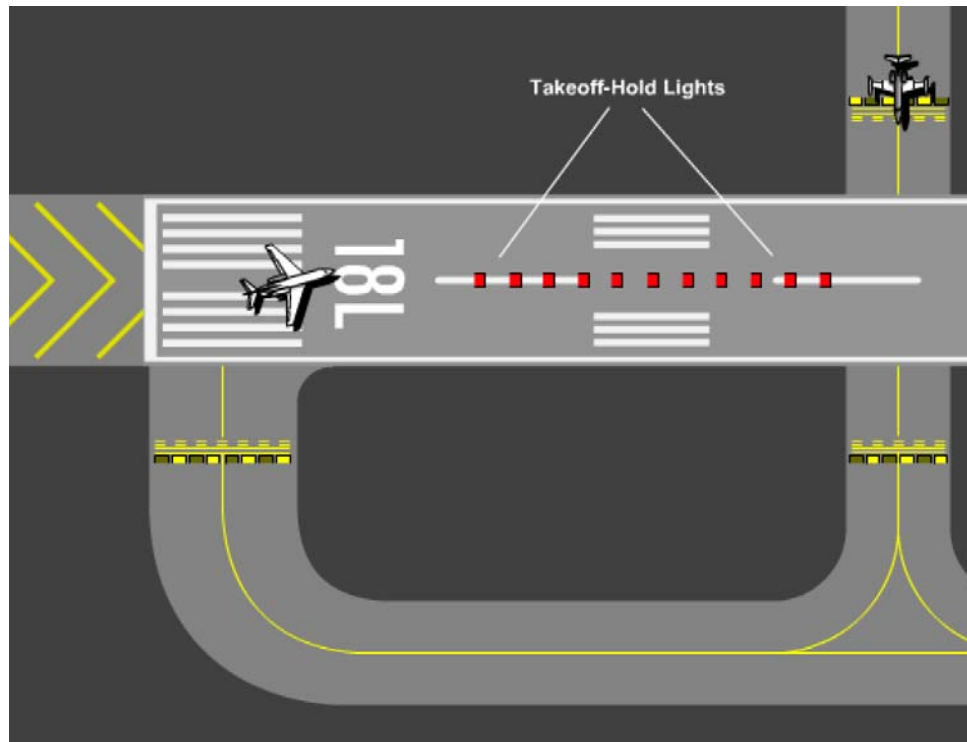


Figure 3. Illustration of Takeoff Hold Lights (THLs) along a runway centerline.
(not to scale)

Photograph of L861-S fixture



Figure 4. Photograph of L861-S fixture.

Drawing of generic runway with red THLs.

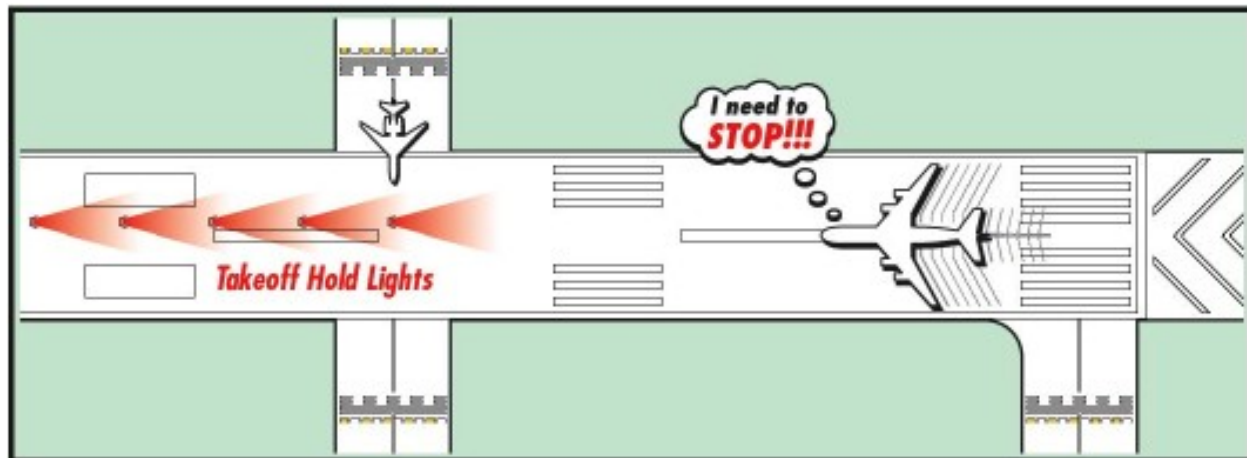


Figure 5. THL Operational Concept.

Drawing of RWSL at DFW with surveillance sources shown illuminated in red

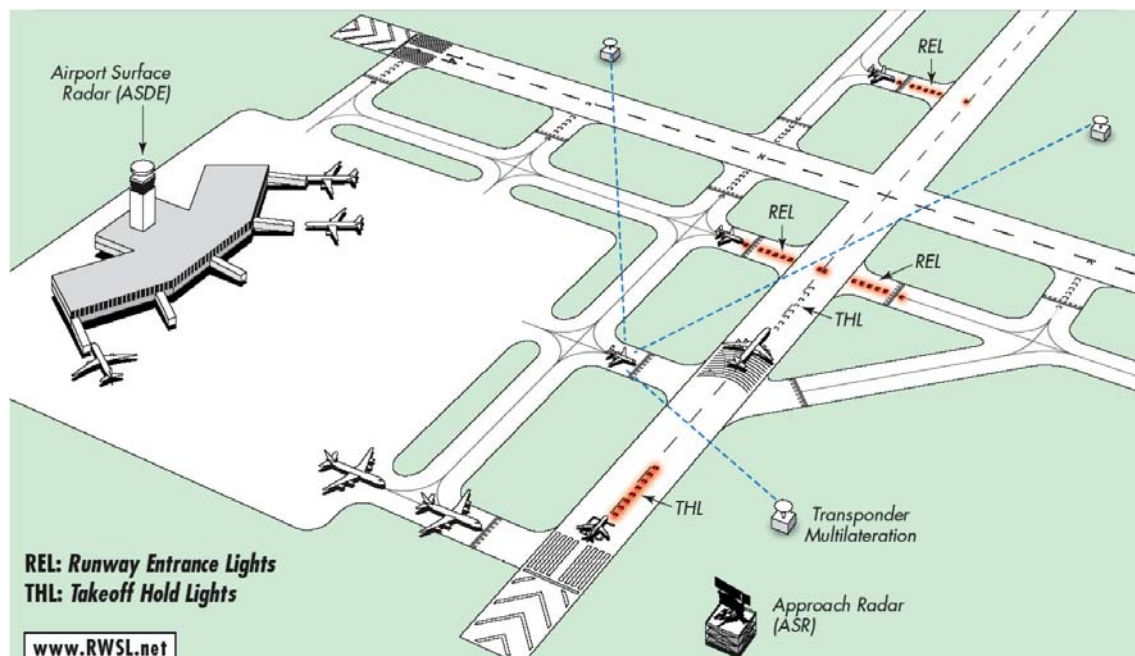


Figure 6. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs and THLs shown illuminated in red

**NOTICES TO AIRMEN (NOTAM) FOR THE CONTINUED OPERATIONAL
EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE
DALLAS/FORT WORTH INTERNATIONAL AIRPORT, DALLAS, TEXAS
EAST AIRFIELD**

PURPOSE:

The Federal Aviation Administration (FAA) will be conducting an assessment of **Takeoff Hold Lights (THLs) and Runway Entrance Lights (RELs)**, part of the Runway Status Lights System (RWSL), on Runways 17R/35L and 17C/35C at the Dallas/Fort Worth International Airport (DFW). An operational evaluation of THLs and RELs on the DFW east side is scheduled to commence in September 2008 and will last approximately 3 months. The existing Runway Entrance Lights (RELs) and Takeoff Hold Lights on 18L/36R will continue to operate along with the newly installed lights on runways 17R/35L and 17C/35C. RWSL is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL seeks to improve airport safety by indicating when it is unsafe to cross, enter or take off from a runway. RWSL is an automatic, advisory backup system expected to prevent or reduce the severity of runway incursions.

LIGHTING:

RWSL conveys the **runway occupancy status**, indicating when a runway is unsafe to enter through the use of in-pavement warning Runway Entrance Lights (RELs) and when it is unsafe to take off through the use of in-pavement warning Takeoff Hold Lights (THLs). RELs and THLs have been installed on Runways 17R/35L and 17C/35C (Note: RELs and THLs are still in an extended operational evaluation on the west side runway, 18L/36R).

Runway Entrance Lights (RELs):

The RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **taxiway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location. (Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations.)

RELs are operational at the following intersections of Runway 17R/35L:

- **West Side: at Taxiways Y, Z, EJ, EK, EL, EM, B, and A**
- **East Side: at Taxiways Y, Z, EJ, EK, K8, EL, EM, B, A, and ER**

RELs are operational at the following intersections of Runway 17C/35C:

- **West Side: at Taxiways Y, Z, EJ, EL, B, and A**
- **East Side: at Taxiways Y, Z, EJ, EL, B, A, and ER**

Takeoff Hold Lights (THLs):

THLs are directed toward the **approach end** of the runway and are visible to pilots 1) in position for takeoff, or 2) just commencing departure, or 3) on final approach to land. There are six sets of THLs, each comprising a series of sixteen, double-row **red** in-pavement lights at 100' spacing straddling the runway centerline. (Refer to Figure 2 in the ATTACHMENTS section for a diagram of THLs locations.) The six sets of THLs are operational at the full length and intersection departure positions on 17R/35L and 17C/35C, as follows:

- **Runway 17R: from 375' beyond the runway threshold for a length of 1500' and from 375' beyond the northern edge of the Y taxiway intersection for a length of 1500'**
- **Runway 35L: from 375' beyond the runway threshold for a length of 1500' and from 375' beyond the southern edge of the A taxiway intersection for a length of 1500'**
- **Runway 17C: from 375' beyond the northern edge of the Y taxiway intersection for a length of 1500'**
- **Runway 35C: from 375' beyond the southern edge of the A taxiway intersection for a length of 1500'**

Please Note: THLs installed on the west side of DFW are configured as a single row of 11 red lights. THLs installed on the east side of DFW are comprised of two rows of 16 in-pavement red lights straddling the centerline lights. THLs are directed toward the approach end of the runway and are visible to pilots in position for takeoff, just commencing departure, and on final approach to land.

OPERATION:

RWSL is an advisory system for use by pilots and vehicle operators and helps maintain situational awareness. It operates independently of Air Traffic Control. Status lights have two states: ON (lights are illuminated red) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radars (ASRs), surface detection radars (ASDE-3 or ASDE-X) and multilateration information from the ASDE-X surveillance system. **IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.** Pilots should maintain an awareness of the Runway Status Lights. RELs that are ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. THLs that are ON (illuminated **red**) indicate that the runway is not safe for takeoff. **RED MEANS STOP!** Pilots should remain clear of a runway when an REL along their taxi route is illuminated. Pilots should not take off when a THL on the runway ahead is illuminated. Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY OR TO TAKE OFF FROM A RUNWAY. Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing an illuminated red REL or THL. In such a case, the crews should **HOLD SHORT** of the runway for RELs or **STOP the aircraft** for THLs (if possible), CONTACT ATC, and await further instructions. If the pilots notice an illuminated red REL and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated REL indicates the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. If the pilots notice an illuminated red THL and aborting takeoff from the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that the illuminated THLs indicate the runway is unsafe for takeoff) and contact ATC at the earliest opportunity. If the pilots are on short final and notice an illuminated red THL, then crews should inform ATC they are going around because of red lights on the runway. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots so as not to unnecessarily turn on the RELs, except when directed otherwise.

HOURS OF TESTING:

During the current phase of testing, the RWSL system will be operational 24/7 except for short maintenance periods. The current operational status of the RWSL system will be broadcast on the ATIS.

TEST CONFIGURATIONS AND RUNWAYS:

RWSL testing will be conducted on the East airfield on runways 17R/35L and 17C/35C. RWSL equipped runway 18L/36R on the West airfield will continue with the extended operational evaluation currently in progress.

PILOT EVALUATION:

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in flight operations offices and domiciles at the DFW airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by e-mail to:

Peter V. Hwoschinsky
FAA, ATO-P
800 Independence Avenue
Washington, D.C. 20591 SW
Voice: 202- 493-4696
Fax: 202- 267-5111 e-mail: peter.hwoschinsky@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

(08/27/09)

Runway diagram of DFW East with RELs locations

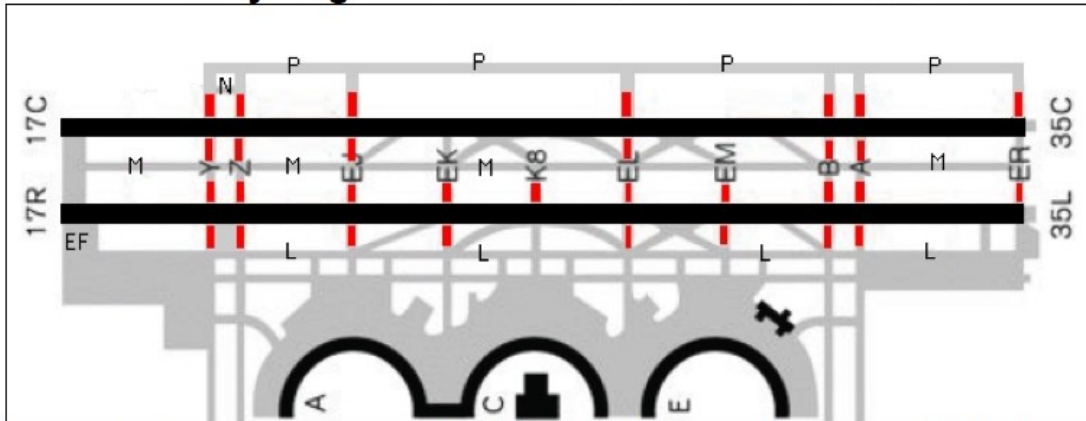


Figure 1. Runway Entrance Lights (RELs) Locations on 17R/35L and 17C/35C.

Runway Diagram of DFW East with THLs Locations

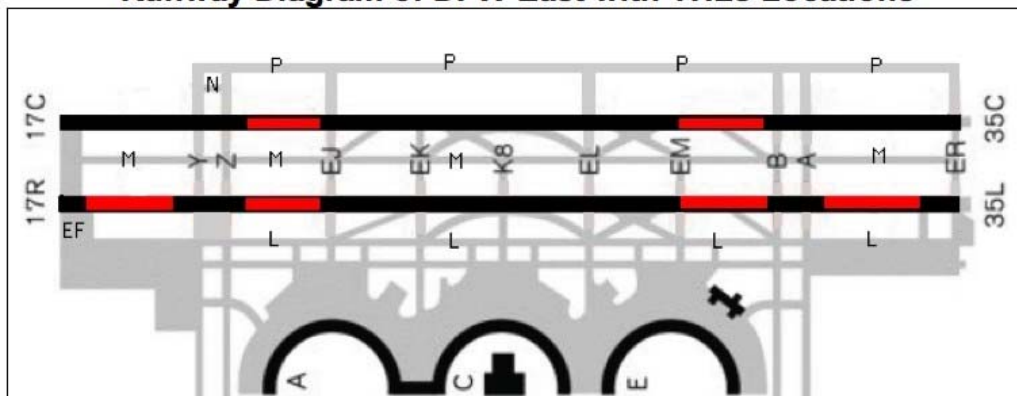
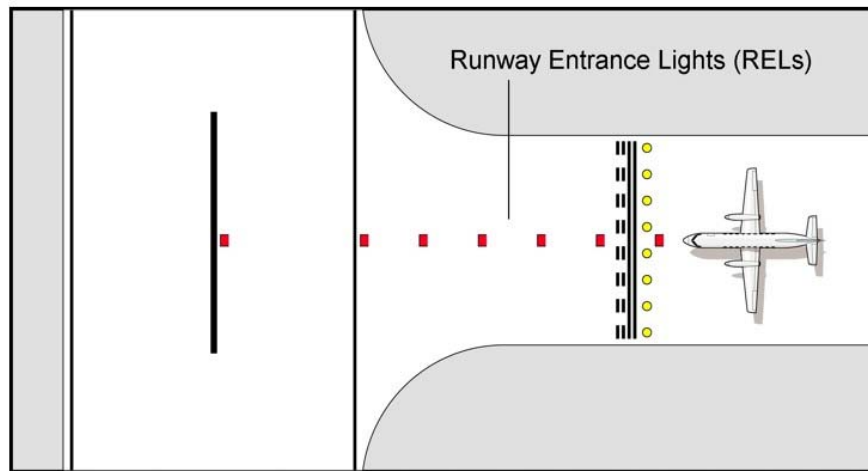


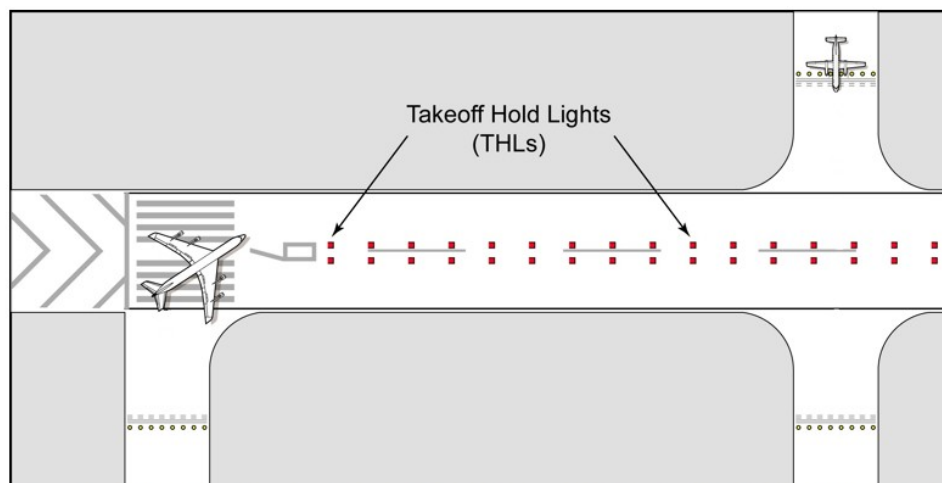
Figure 2. Takeoff Hold Lights (THLs) Locations on 17R/35L and 17C/35C.

Runway Entrance Lights (RELs)



**Figure 3. Illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline.
(not to scale)**

Takeoff Hold Lights (THLs)



**Figure 4 - Generic illustration of double-row THLs straddling the runway centerline lights.
(not to scale)**

THLs and RELs In-pavement Light Fixture



Figure 5. Photograph of L861-S light fixture

Runway Status Lights (RWSL) Operational Concept with RELs and THLs

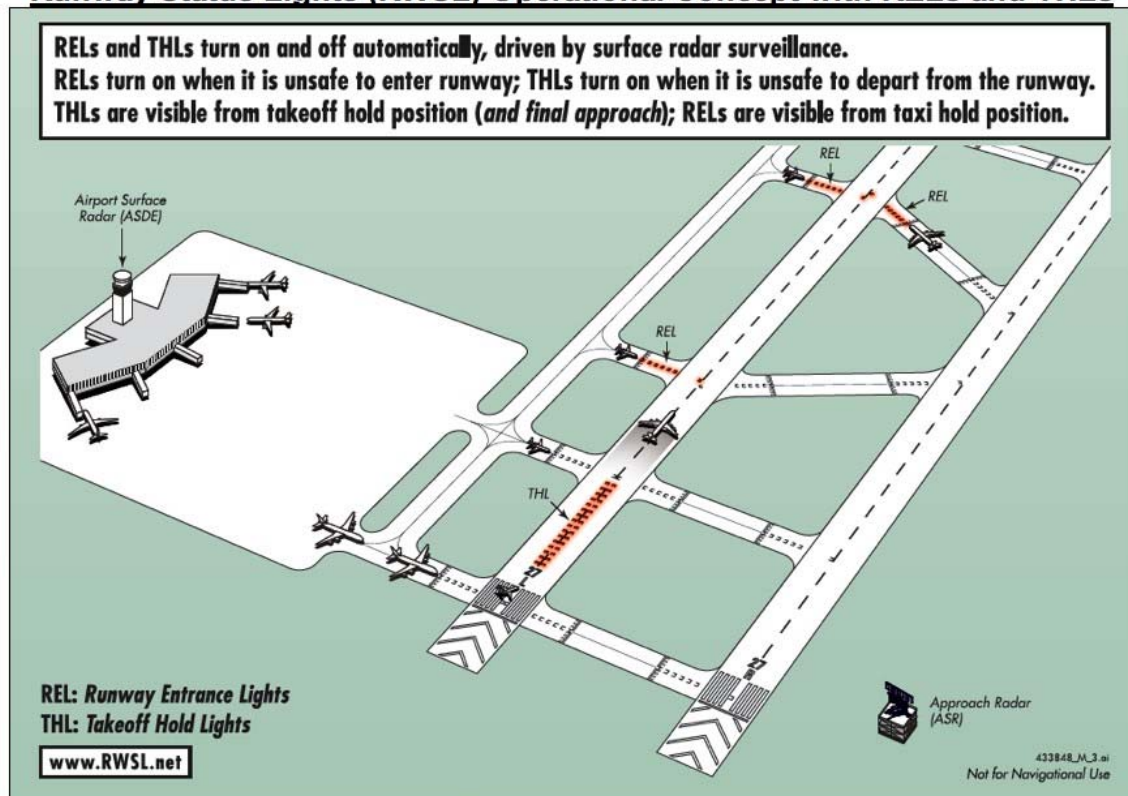


Figure 6. Conceptual diagram of the Runway Status Light System with surveillance sources driving RELs and THLs* shown illuminated in red

*THLs shown in Figure 6 have a double-row configuration as are installed on DFW east runways 17R/35L and 17C/35C

NON-MOVEMENT AREA AT BATON ROUGE METROPOLITAN (BTR) AIRPORT, BATON ROUGE, LOUISIANA

NATIONAL AIRSPACE CHANGE: A decision to establish a non-movement area is being implemented in accordance with Federal Aviation Administration Order JO 7210.3, Facility Operation and Administration, on Taxiway E (Echo) at BTR Airport. The decision to implement this non-movement area is due to the construction of a new hangar that blocks visibility from the Airport Traffic Control Tower (ATCT).

BACKGROUND: BTR ATCT has Line of Sight obstructions to Taxiway E. The non-visible area of Taxiway E is approximately 1,150 feet and extends from the southwest side of the River City Hangar Aviation Ramp to 200 feet southwest of the Runway 22L hold short line. A 650 foot portion of the non-visible area was pre-existing; however, an additional 500 feet was created when the River City Hangar was constructed in March 2006.

IMPACT: Due to obstructed vision, the BTR Tower is unable to provide air traffic control service in the non-movement area on Taxiway Echo from the southwest side of the River City Hangar Ramp to 200 feet southwest of the Runway 22L hold short line.

****MOVEMENT IN THIS AREA IS AT PILOTS OWN RISK.****

(Central Service Area, 9/2/09)

**HOUSTON INTERCONTINENTAL ATC TOWER AND HOUSTON
TRACON VISUAL SEPARATION PROCEDURES
AT GEORGE BUSH INTERCONTINENTAL AIRPORT (IAH)**

BACKGROUND: The purpose of this NOTAM is to inform pilots operating to/from IAH Airport of visual separation procedures between the Houston Intercontinental ATC Tower and Houston TRACON.

Houston Intercontinental ATC Tower and Houston TRACON are authorized to apply visual separation between aircraft under the control of either facility in order to maintain efficiency at IAH Airport.

Both facilities must ensure that visual separation is applied only when weather conditions do not obscure visibility affecting the application of visual separation.

If you have any questions or concerns, please contact the manager or designee of one of the facilities listed below during normal business hours:

Houston TRACON	281-230-8400
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Houston Intercontinental ATC Tower	281-209-8600
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North Central United States



LAMBERT-ST. LOUIS INTERNATIONAL ATCT/TRACON

VISUAL SEPARATION PROCEDURES AT LAMBERT ST. LOUIS INTERNATIONAL AIRPORT (STL)

BACKGROUND. The purpose of the NOTAM is to inform pilots operating from Lambert-St. Louis International Airport of visual separation procedures between the ATCT and TRACON.

St. Louis ATCT and St. Louis TRACON are authorized to apply visual separation between aircraft under the control of either facility in order to maintain efficiency at STL Airport.

Both facilities must ensure that visual separation is applied only when weather conditions do not obscure visibility affecting the application of visual separation.

If you have any questions or concerns, please contact the manager or designee of one of the facilities below during normal business hours.

St. Louis Approach Control	(314) 890-1003
St. Louis Tower	(314) 890-4703

MINNEAPOLIS – ST. PAUL INTERNATIONAL ATCT/TRACON

BACKGROUND: The Use of Visual Separation for Aircraft Transitioning Between Minneapolis Air Traffic Control Tower and Minneapolis Terminal Radar Approach Control.

FAA Joint Order 7110.65 authorizes the application and use of Visual Separation between aircraft under the control of the same facility. Historically in Terminal Facilities, Air Traffic Controllers worked in an up/down environment. They would rotate through the RADAR room and the Tower. In recent years, the Federal Aviation Administration has separated these functions at select location and created a separate RADAR facility, known as a TRACON (Terminal RADAR Approach Control). This is the case in Minneapolis, Minnesota. Minneapolis ATCT (MSP) and Minneapolis TRACON (M98) are two separate and distinct air traffic facilities, each with their own employees.

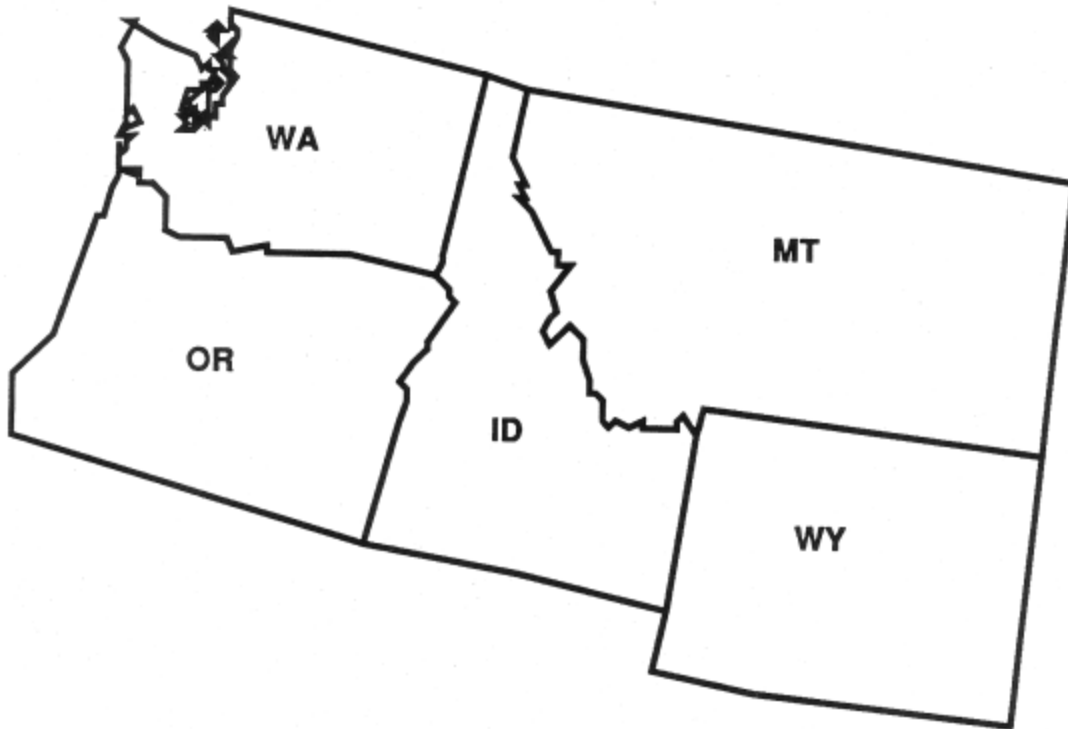
In keeping with the spirit and intent of the regulations and rules governing the National Airspace System, the use and application of Visual Separation for aircraft transitioning between the two facilities will continue as if the two facilities remained as one.

There will be no change in the use or application of Visual Separation in the Minneapolis Terminal area, therefore the users of the National Airspace System should see no difference and this will have no effect on the flying community.

Questions about this procedure should be referred to:

Jim Shadduck
Support Manager
Minneapolis TRACON (M98)
612-713-4000
E-mail: Jim.Shadduck@faa.gov

Northwest United States



SPOKANE APPROACH CONTROL (GEG) CONCURRENT OPERATIONS TO SPOKANE INTERNATIONAL AIRPORT (GEG) AND FAIRCHILD AIR FORCE BASE (SKA)

Background: The purpose of this Notice is to inform pilots landing/departing from either Spokane International Airport (GEG) or Fairchild Air force Base (SKA) under Instrument Flight Rules concerning the special use of visual separation to maintain efficiency at both airports.

Sequencing aircraft simultaneously to GEG and SKA under Instrument Flight Rules requires lateral and or vertical separation between aircraft while ensuring protected airspace for potential missed approaches. These requirements directly affect the capacity of both airports.

In a north flow, the ILS approach to GEG Runway 3 converges with the departure path of SKA Runway 5. GEG is located 2.9 NM east of SKA. The convergence and divergence of flight paths, and distance between airports has made it possible to utilize visual separation under certain weather conditions to reduce the spacing normally provided to aircraft landing and departing SKA and GEG.

INFORMATION: When weather/operational conditions permit, GEG Tower controllers will provide visual separation during the following operations:

- IFR arrivals to GEG Runway 3 and SKA departures Runway 5

These procedures have proven to provide an equivalent level of safety compared to standard visual separation rules. This special use of visual separation procedures enables both airports to operate at or near capacity during periods of heavy demand.

If you have any questions or concerns, please contact the manager or designee of the facility listed below during normal business hours.

Spokane Approach Control: 509-363-6900

(ANM-530 5/8/03)

GEG RWY 3 ARRIVALS SKA RWY 5 DEPARTURES



SEATTLE APPROACH CONTROL (S46) CONCURRENT OPERATIONS TO BOEING FIELD (BFI) AND SEATTLE–TACOMA INTERNATIONAL AIRPORT (SEA)

Background: The purpose of this Notice is to inform pilots landing/departing from either Boeing King County International Airport (BFI) or Seattle–Tacoma International Airport (SEA) under Instrument Flight Rules concerning the special use of visual separation to maintain efficiency at both airports.

Sequencing aircraft simultaneously to BFI and SEA under Instrument Flight Rules requires lateral and or vertical separation between aircraft while ensuring protected airspace for potential missed approaches. These requirements directly affect the capacity of both airports.

In a south flow, the ILS approach to BFI Runway 13R converges with the ILS approaches to SEA Runways 16 L/C/R directly over BFI. In a north flow, the departure paths for aircraft departing north from SEA Runways 34L/R and BFI Runway 31L diverge directly over the north end of BFI Runway 31L. BFI field elevation is 21 feet MSL and SEA field elevation is 433 feet MSL. BFI is located 4.5 NM north of SEA. The convergence and divergence of flight paths, differences in field elevations and distance between airports has made it possible to utilize visual separation under certain weather conditions to reduce the spacing normally provided to aircraft landing and departing SEA and BFI.

INFORMATION: When weather/operational conditions permit, BFI Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 13R/L and SEA arrivals Runways 16L/C/R

IFR arrivals from BFI Runways 13R/L and IFR departures from SEA Runways
34L/C/R

IFR departures from BFI Runways 31L/R and IFR departures from SEA Runways
34L/C/R

IFR arrivals to SEA 16R/C/L and IFR departures from BFI Runways 31L/R

IFR arrivals to BFI Runways 31L/R and IFR arrivals to SEA Runways 16L/C/R

When weather/operational conditions permit, SEA Tower controllers will provide visual separation during the following operations:

IFR arrivals to BFI Runways 31L/R and IFR departures from SEA Runways 34L/C/R

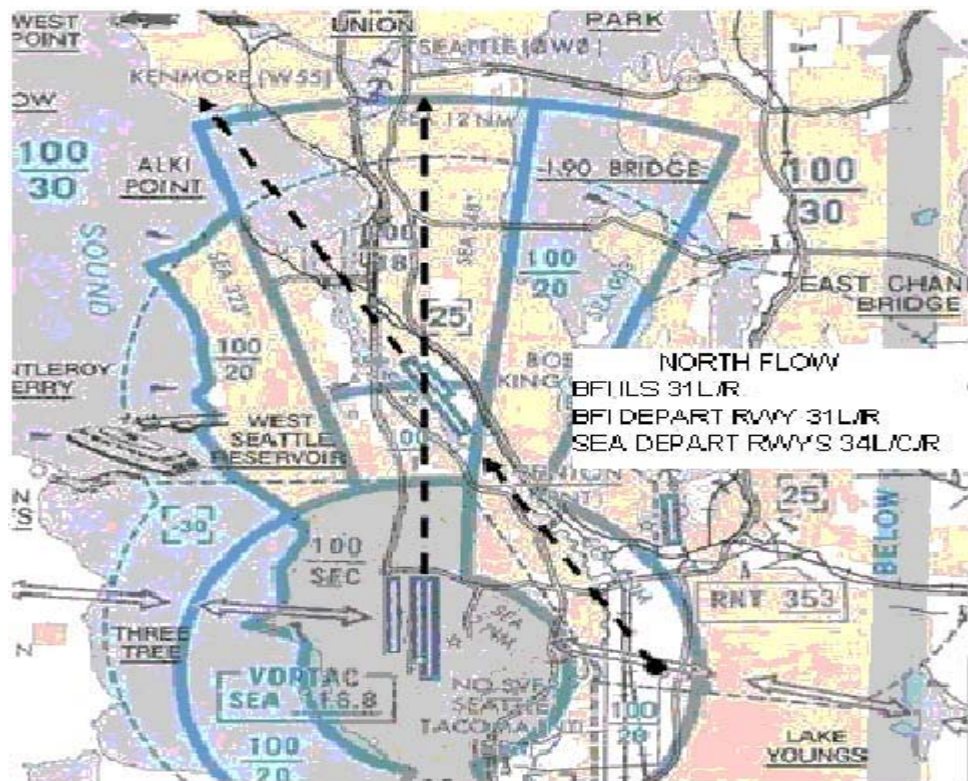
IFR arrivals to BFI Runways 31L/R and IFR arrivals to SEA Runways 16L/C/R

These procedures have proven to provide an equivalent level of safety compared to standard visual separation rules. This special use of visual separation procedures enables both airports to operate at or near capacity during periods of heavy demand.

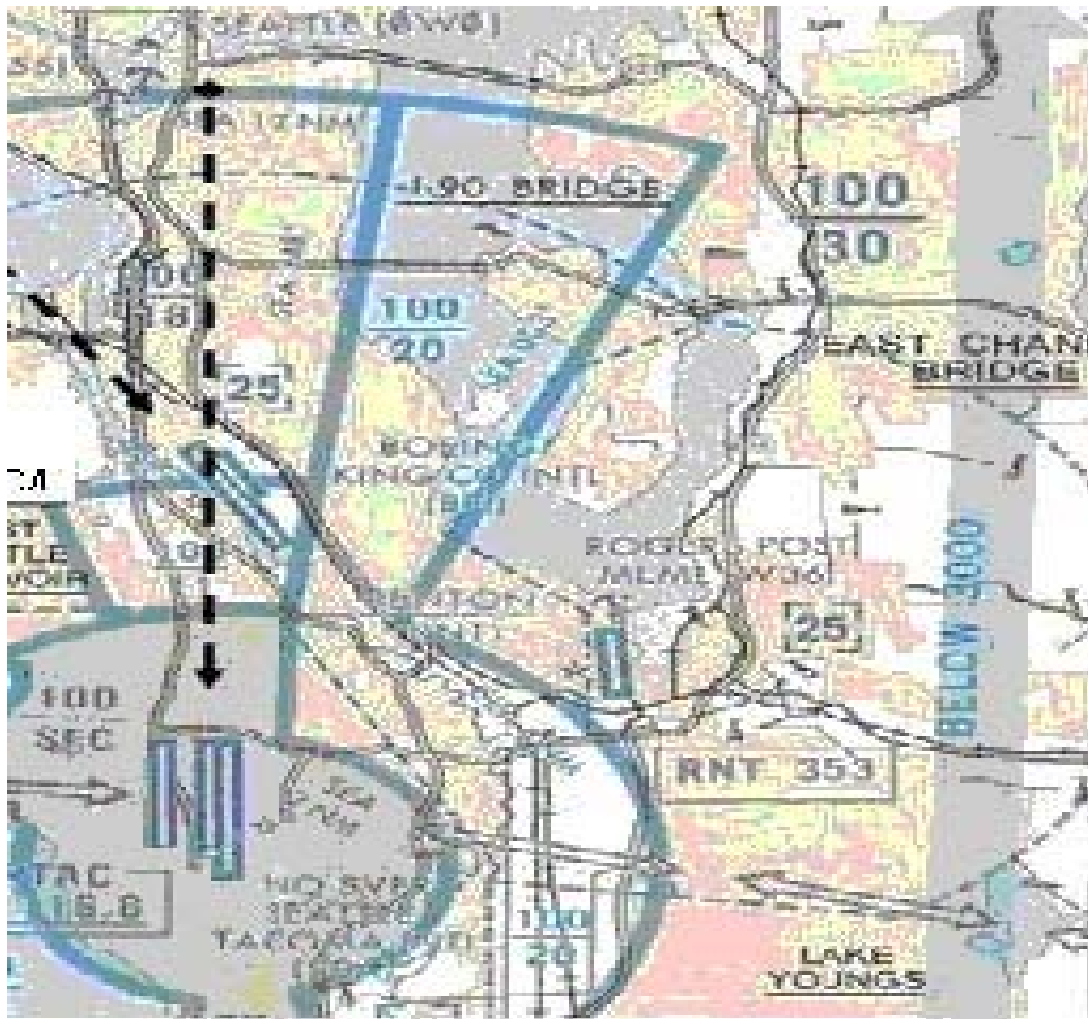
If you have any questions or concerns, please contact the manager or designee of one the facilities listed below during normal business hours.

Seattle Approach Control – 206-214-4600 Seattle Air Traffic Control Tower – 206-214-2500 Boeing Field
Air Traffic Control Tower – 206-658-6400

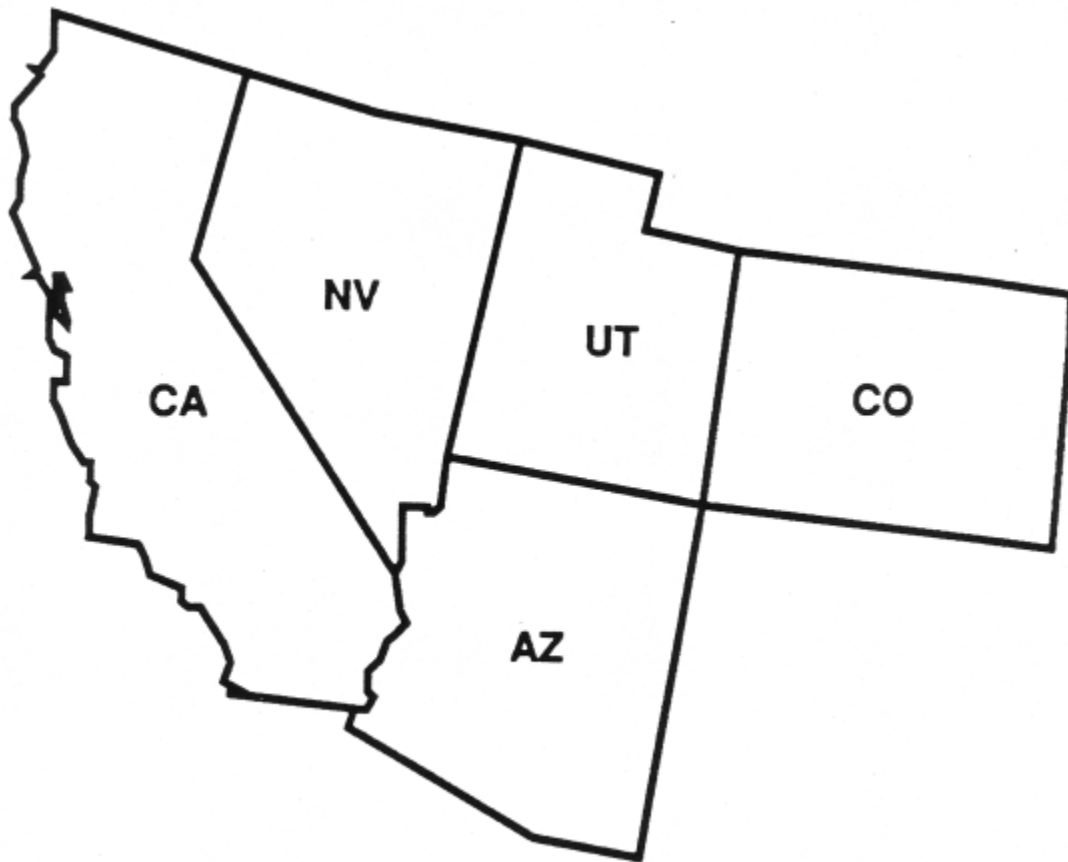
SEATAC (SEA) – BOEING FIELD (BFI) NORTH FLOW



SEATAC (SEA) – BOEING FIELD (BFI) SOUTH FLOW



Southwest United States

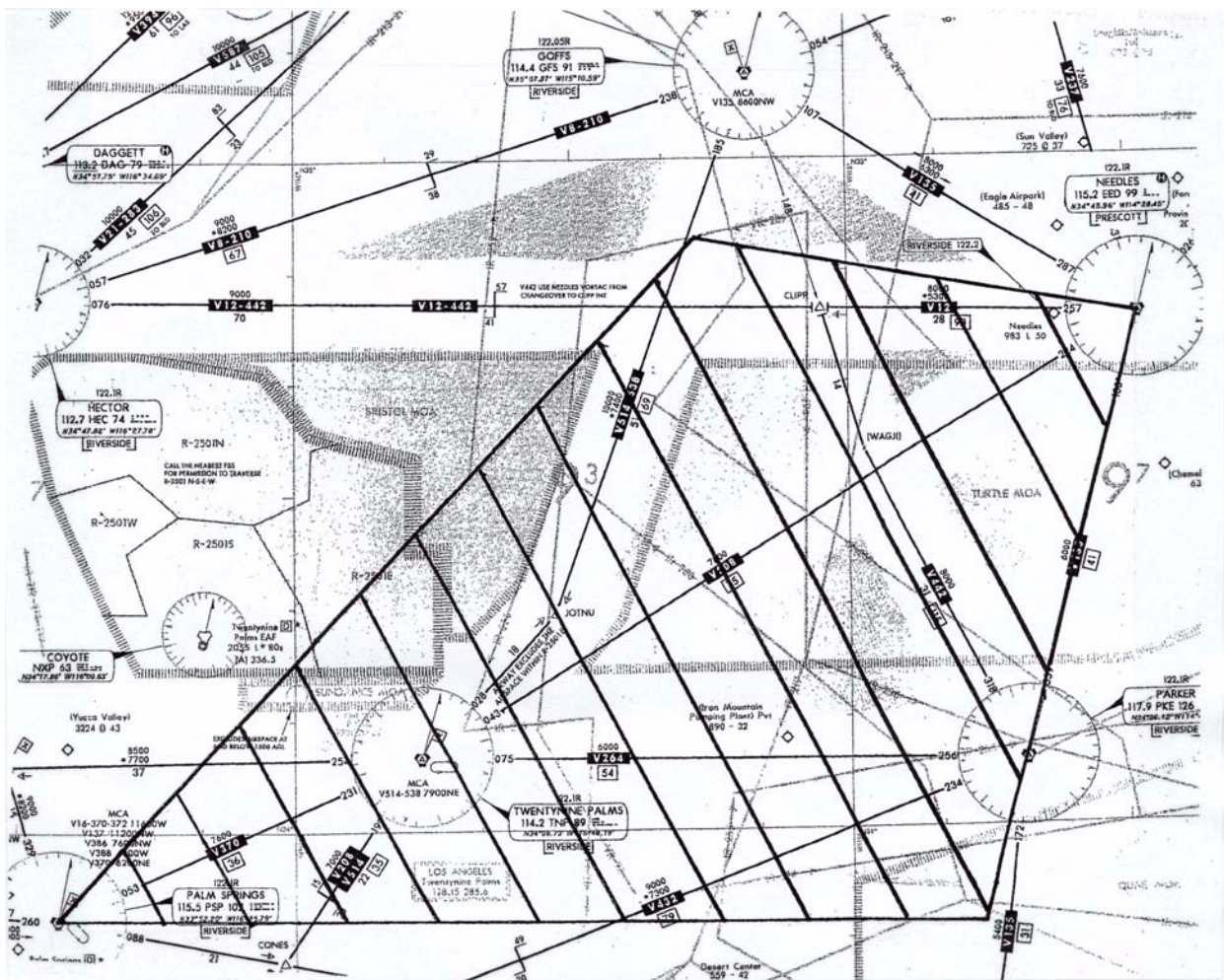


LOS ANGELES AIR ROUTE TRAFFIC CONTROL CENTER

Limited Long Range Radar Coverage

Effective Until Further Notice

Radar services are limited from surface to 14,500 feet in the area from PSP to 15 NM south of PKE to EED to 15 NM south of GFS to PSP. ATC may not be depicting all the traffic. Visual vigilance is highly recommended.



(AWP-530 11/29/01)

SAN FRANCISCO SOIA/PRM

Effective Tuesday, October 26, 2004. During the hours of 0700–2200 local, SFO ATCT may utilize ILS PRM and LDA PRM approaches as weather and arrival traffic demand dictate. Aircraft arriving from the east (primarily over CEDES intersection) should expect Runway 28R; aircraft arriving from the south, west, and north should expect Runway 28L. If unable to participate in PRM approaches, aircraft operators are required to contact FAA ATCSCC directly at 1–800–333–4286 or at 703–904–4452 prior to departure to obtain a pre-coordinated arrival time.

Non-participating aircraft may encounter delays attributable to PRM flow.

Pilot requirements and procedures are outlined in the U.S. Terminal Procedures Publications on the pages entitled “ATTENTION ALL USERS OF ILS PRECISION RUNWAY MONITOR (PRM) OR LDA PRECISION RUNWAY MONITOR (PRM).”

NOTICES TO AIRMEN (NOTAM) FOR THE OPERATIONAL EVALUATION OF RUNWAY STATUS LIGHTS (RWSL) AT THE SAN DIEGO INTERNATIONAL AIRPORT (SAN), SAN DIEGO, CA

PURPOSE

The Federal Aviation Administration (FAA) is conducting an operational evaluation of Light Emitting Diode (LED) **Runway Entrance Lights (RELs)**, part of the Runway Status Lights (RWSL) system, at San Diego International Airport in San Diego, California. The RWSL system at SAN is an experimental system that uses both primary and secondary surveillance to dynamically turn on/off lights indicating runway occupancy status directly to pilots. RWSL at SAN seeks to improve airport safety by indicating when it is unsafe to cross or enter a runway. RWSL is an automatic, advisory backup system designed to prevent or reduce the severity of runway incursions. RELs are being tested at selected taxiway-runway intersections on runway 9/27.

LIGHTING

RWSL at SAN conveys the **runway occupancy status**, indicating when a runway is unsafe to enter or cross through the use of in-pavement RELs, installed only at selected intersections as described below.

Runway Entrance Lights (RELs)

RELs are a series of **red**, in-pavement lights spaced evenly along the taxiway centerline from the taxiway hold line to the runway edge. One REL is placed just before the hold line and one REL is placed near the runway centerline. All RELs are directed toward the **runway hold line** and are oriented to be visible only to pilots and vehicle operators entering or crossing the runway from that location.

RELs are operational at the following intersections of Runway 9/27:

- **Taxiways C1, C2, and C6 on the north side of the runway, and**
- **Taxiways B1, B6, and B10 on the south side of the runway.**

Refer to Figure 1 in the ATTACHMENTS section for a diagram of RELs locations at SAN

OPERATION

RWSL is an advisory system for use by pilots and vehicle operators to increase and maintain situational awareness of high-speed aircraft or vehicles on runways. It operates independently of Air Traffic Control. Runway Status Lights have two states: ON (lights are illuminated **red**) and OFF (lights are off) and are switched automatically based on information from the airport surface surveillance systems. These surveillance systems include airport surveillance radar (ASR), airport surface detection radar (ASDE-3) and multilateration information from the ASDE-X surveillance system. **IT IS IMPORTANT THAT TRANSPONDERS BE TURNED ON AND KEPT ON WHILE TAXIING IN THE MOVEMENT AREA SO THAT BEACON-BASED POSITION AND AIRCRAFT IDENTIFICATION DATA ARE AVAILABLE TO RWSL.** Pilots should maintain an awareness of the Runway Status Lights. RELs that are

ON (illuminated **red**) indicate that the runway ahead is not safe to enter or cross. Pilots and vehicle operators should remain clear of a runway when RELs along their taxi route are illuminated. **RED RELs MEAN STOP!** Lights that are off convey no meaning. THE SYSTEM IS NOT, AT ANY TIME, INTENDED TO CONVEY APPROVAL OR CLEARANCE TO PROCEED ONTO A RUNWAY. Pilots remain obligated to comply with all ATC clearances, except when compliance would require crossing illuminated red RELs. In such a case, the crews should **HOLD SHORT** of the runway for RELs, CONTACT ATC, and await further instructions. If the pilots notice illuminated red RELs and remaining clear of the runway is impractical for safety reasons, then crews should proceed according to their best judgment of safety (understanding that illuminated RELs indicate the runway is unsafe to cross or enter) and contact ATC at the earliest opportunity. ATC may disable RWSL at any time if in their judgment the system is interfering with normal, safe operations. Pilots are requested when taxiing on the runway to limit taxi speed to below 30 knots, except when directed otherwise, to preclude turning on the RELs unnecessarily.

HOURS OF TESTING

The RWSL system is operational 24/7 except for short maintenance periods.

TEST CONFIGURATIONS AND RUNWAYS

RWSL testing of RELs at select locations will be conducted on runway 9/27 at SAN.

PILOT EVALUATION

An important part of the assessment includes collecting feedback from pilots. It is essential that pilots respond to brief surveys available on various venues including the RWSL website via the Internet, www.RWSL.net, in flight operations offices and domiciles at the SAN airport. Voluntary interviews with pilots will be conducted during the test period. Pilots are encouraged to respond with comments by answering the surveys on the website or by email to:

Jason Coon
Federal Aviation Administration
Project Manager - RWSL, eFAROS, FAROS
ATO-P, Advanced Technology Development & Prototyping Group (AJP-67)
Work: 202-267-9410, Cell: 571-334-2928, email: jason.coon@faa.gov

Please note that pilot feedback is essential to an accurate assessment of the acceptability and utility of the RWSL system.

Runway diagram of SAN with RELs locations

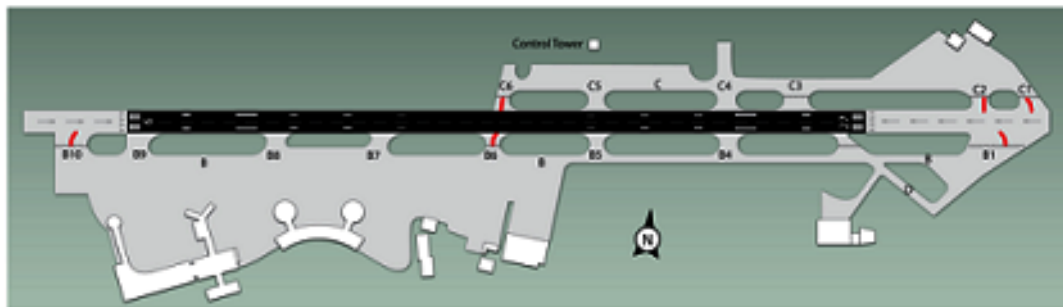
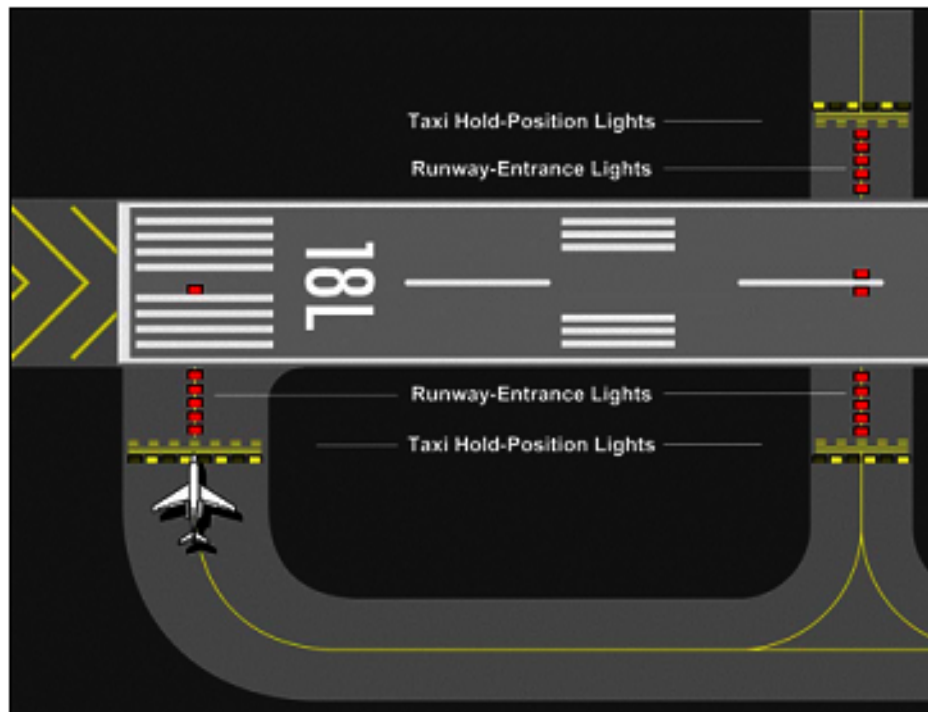


Figure 1. Runway Entrance Lights (RELs) Locations on 9/27

Runway Entrance Lights (RELs)



**Figure 2. Generic illustration of Runway Entrance Lights (RELs) along a straight taxiway centerline
(Not to scale)**

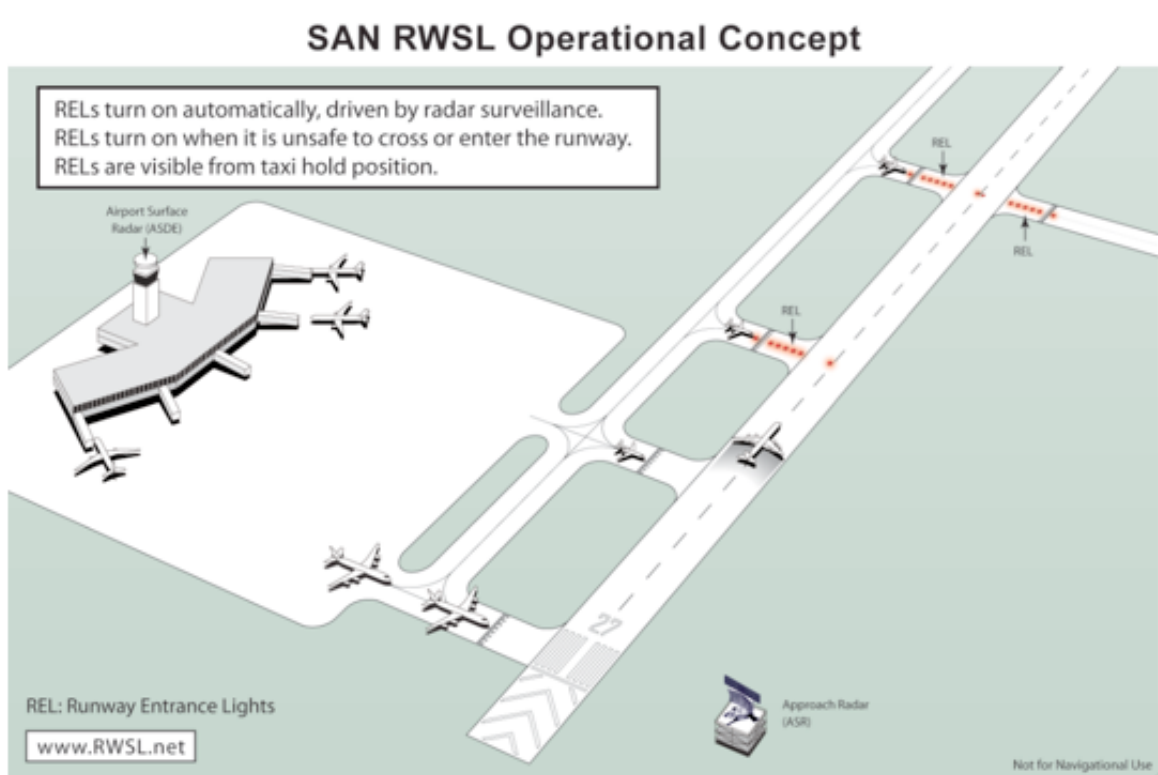


Figure 3. Conceptual diagram of the Runway Status Light System with RELs shown illuminated in red

Denver Tower

Standard Ramp Taxi Routes

Denver, Colorado

Denver Ramp Tower has instituted Standard Ramp Departure Taxi Routes for aircraft departing the main ramp and south cargo. Pilots who are unable to comply with standardized routes should advise Ramp Control on initial contact. The route will be issued by Ramp Control as “Standard Taxi East” or “Standard Taxi West”.

Standard Ramp Departure Taxi Routes

Standard Taxi East	
Origin	Routing
Concourse A – South Side	Taxi via Taxiway Alfa Sierra (AS) towards Apron Location Point 2E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 2E.
Concourse A – North Side	Taxi via Taxiway Bravo Sierra (BS) towards Apron Location Point 4E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 4E.
Concourse B – South Side	Taxi via Taxiway Bravo Sierra (BS) towards Apron Location Point 4E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 4E.
Concourse B – North Side	Taxi via Taxiway Charlie Sierra (CS) towards Apron Location Point 6E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 6E.
Concourse C – South Side	Taxi via Taxiway Charlie Sierra (CS) towards Apron Location Point 6E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 6E.
Concourse C – North Side	Taxi via Taxiway Charlie November (CN) towards Apron Location Point 7E. Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at Apron Location Point 7E.
South Cargo	Taxi east on Taxiway Alfa (A). Hold short of Taxiway Lima (L). Contact Ground on 121.85 when number one at the taxiway clearance bar.

Standard Ramp Departure Taxi Routes

Standard Taxi West	
Origin	Routing
Concourse A – South Side	Taxi via Taxiway Alfa Alfa (AA) towards Apron Location Point 1W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 1W.
Concourse A – North Side	Taxi via Taxiway Alfa November (AN) towards Apron Location Point 3W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 3W.
Concourse B – South Side	Taxi via Taxiway Alfa November (AN) towards Apron Location Point 3W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 3W.
Concourse B – North Side	Taxi via Taxiway Bravo November (BN) towards Apron Location Point 5W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 5W.
Concourse C – South Side	Taxi via Taxiway Bravo November (BN) towards Apron Location Point 5W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 5W.
Concourse C – North Side	Taxi via Taxiway Charlie November (CN) towards Apron Location Point 7W. Hold short of Taxiway Golf (G). Contact Ground on 127.5 when number one at Apron Location Point 7W.

STANDARDIZED TAXI ROUTES FOR LOS ANGELES INTERNATIONAL AIRPORT (KLAX)

The following Standardized Taxi routes may be issued to all taxiing aircraft.

North Route

Taxi towards taxilane Sierra (S) taxi northbound on taxilane Sierra (S), and at Check-point-1 contact Ground Control on frequency 121.65, hold short of taxiway Delta (D).

Taxilane Sierra (S) is not visible from the ATCT

South Route

Taxi towards taxiway Romeo (R) taxi southbound on taxiway Romeo (R), and at Check-point-2 contact Ground Control on frequency 121.4, hold short of taxiway Charlie (C).

Taxiway Romeo (R) is not visible from the ATCT

Bradley Route

Taxi toward Taxilane Sierra (S) taxi southbound on Taxilane Sierra (S), and at Check-point-1 contact Ground Control on frequency 121.75, hold short of Taxiway Charlie (C).

Taxilane Sierra (S) is not visible from the ATCT

West Route

Taxi westbound on Taxiway Charlie (C) towards taxiway Alfa-Alfa (AA), hold short of taxiway Alfa-Alfa (AA), contact Ground Control on frequency 121.65 when number one approaching Taxiway Alfa-Alfa (AA).

Taxiway Alfa-Alfa (AA) is not visible from the ATCT

Bridge Route

Taxi towards taxiway Alfa-Alfa (AA) taxi southbound on taxiway Alfa-Alfa (AA), and at Check-point-3 contact Ground Control on frequency 121.4, hold short of taxiway Charlie (C).

Taxiway Alfa-Alfa (AA) is not visible from the ATCT

Romeo Route

Taxi westbound on Taxiway Charlie (C) towards Taxiway Romeo (R), hold short of Taxiway Romeo (R), contact Ground Control on frequency 121.65 when number one approaching Taxiway Romeo (R).

Taxiway Romeo (R) is not visible from the ATCT.

Van Nuys Airport (VNY)

Van Nuys, California

Simultaneous Same Direction Operations

Van Nuys Air Traffic Control Tower has been granted a waiver that authorizes air traffic personnel to conduct simultaneous, same direction operations on parallel runways separated by less than 500 feet between centerlines for lightweight single-engine propeller driven aircraft and Category II and III twin engine propeller driven aircraft.

SAN FRANCISCO INTERNATIONAL AIRPORT EXPANDED CHARTED VISUAL FLIGHT PROCEDURES

(Until Further Notice)

*****GENERAL*****

San Francisco International Airport (SFO) is subject to stratus moving slowly from West to East, creating a reportable weather ceiling over the airport, while the final approach area for Runways 28R and 28L have no significant ceiling or visibility conditions. And expanded charted visual flight procedure (E/CVFP) has been developed to maximize the level of airport efficiency during the unusual weather conditions described above.

*****MINIMUMS*****

The E/CVFP incorporates the following weather minimums:

SFO ceiling 2100 feet and visibility 5 miles; or,

SFO ceiling 1000 feet and visibility 3 miles, and,

visibility 5 miles in the Eastern quadrant (030–120), and,

ceiling 2400 and visibility 5 miles at the automated weather observing system (AWOS) located at N37° 34.338 W122° 15.598 LOM.

In the event the AWOS is inoperative, weather at San Carlos (SQL) is required to be at least ceiling 2400 feet and visibility 5 miles.

Although the listed weather minima are in effect aircraft should not expect simultaneous E/CVFP approaches unless N37° 34.338 W122° 15.598 AWOS ceiling is at least 3500 feet and visibility is at least 5 miles.

*****SPACING AND SEQUENCING*****

Controllers will clear aircraft for the E/CVFP in accordance with the provisions of Order 7110.65, Air Traffic Control. They will not utilize phrases requesting or requiring aircraft to "fly right alongside", "wingtip to wingtip", or "directly abeam" other aircraft. Additionally, controllers will not assign instructions or require aircraft to pass and/or overtake other aircraft on the adjacent final approach course. Preferably, aircraft will be vectored to achieve a slightly staggered position of approximately 1/8 to 1/4 mile behind the aircraft on the adjacent final approach course. Heavy aircraft and B757's will not be authorized to overtake another aircraft on the adjacent final approach course. Wake turbulence cautionary advisories will be issued, as appropriate.

*****GO-AROUND PROCEDURE*****

The Tipp Toe and Quiet Bridge approaches are visual approaches, and as such have no missed approach segment. If a go-around is necessary, aircraft will be issued an appropriate advisory/clearance/instruction by

the tower or TRACON. To ensure standard separation from other traffic, these instructions will include the assignment of a specific heading and altitude, normally, the following procedures will apply:

Tipp Toe Visual Runway 28L

In the event of a go-around turn left heading 265, climb and maintain 3000; or as directed by Air Traffic Control.

Quiet Bridge Visual Runway 28R

In the event of a go-around turn right heading 310, climb and maintain 3000; or as directed by Air Traffic Control

Los Angeles International Airport (LAX)

Noise Abatement Procedures

Successive or simultaneous departures from Runways 24L/R and Runways 25 L/R are authorized, with course divergence beginning within 2 miles from the departure end of parallel runways, due to noise abatement restrictions.

The published departure procedure from Runways 25L/R may include a left turn in addition to the at or below 3000- foot altitude restriction, at the SMO 154^o/SMO 160^o crossing radial or the DOCKR/HIIPR RNAV fixes.

When the published departure procedure includes a left turn, expeditious compliance of this turn is required, when crossing the SMO 154^o/160^o radial or DOCKR/HIIPR RNAV fix, to ensure simultaneous departure separation from the north complex Runways 24L/R.

Failure to initiate the turn in an expeditious manner could result in the filing of a pilot deviation due to the automatic features of the Traffic Analysis and Review Program (TARP).

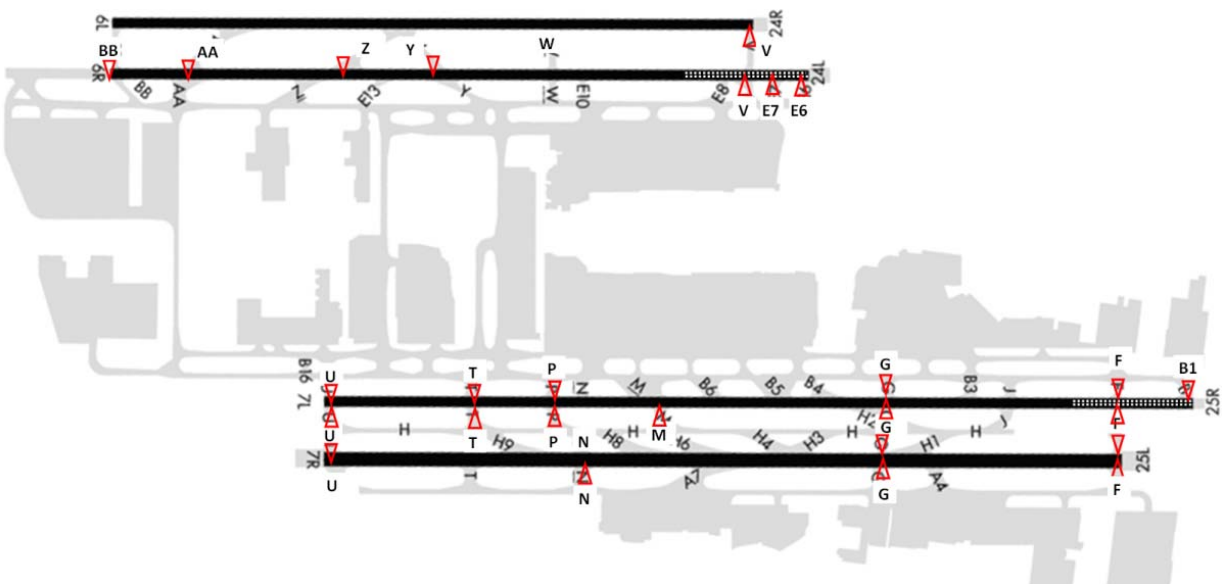


Los Angeles International Airport (LAX) Runway Status Lights (RWSLs)

LAX Runway Status Lights (RWSLs) are operating. RWSLs are red in-pavement lights that serve as warning lights on runways and taxiways indicating that it is unsafe to enter, cross, or begin takeoff on a runway when illuminated.

Note: RWSLs indicate a runway's status only, they do not indicate clearance. Pilots and vehicle operators are required to receive a clearance from air traffic control before proceeding.

Runway Status Lights at Los Angeles (LAX)



Takeoff Hold Lights (THLs)

- Runway 24L (North Complex)
- Runway 25R (South Complex)

Runway Entrance Lights (RELs)

South Complex:

- Taxiway B1 (North of Runway 25R)
- Taxiway F (North and South of Runways 25L/25R)
- Taxiway G (North and South of Runways 25L/25R)
- Taxiway M (South of Runway 25R)
- Taxiway N (South of Runway 25L)
- Taxiway P (North and South of Runway 25R)
- Taxiway T (North and South of Runway 25R)
- Taxiway U (North and South of Runway 25R and North of Runway 25L)

North Complex:

- Taxiway E6 (South of Runway 24L)
- Taxiway E7 (South of Runway 24L)
- Taxiway V (South of Runway 24R)
- Taxiway V (South of Runway 24L)
- Taxiway W (North of Runway 24L)
- Taxiway Y (North of Runway 24L)
- Taxiway Z (North of Runway 24L)
- Taxiway AA (North of Runway 24L)
- Taxiway BB (North of Runway 24L)

For more information, visit the website: http://www.faa.gov/air_traffic/technology/rwsl/



Alaska



Hawaii



MODE C INTRUDER ALERT SERVICES

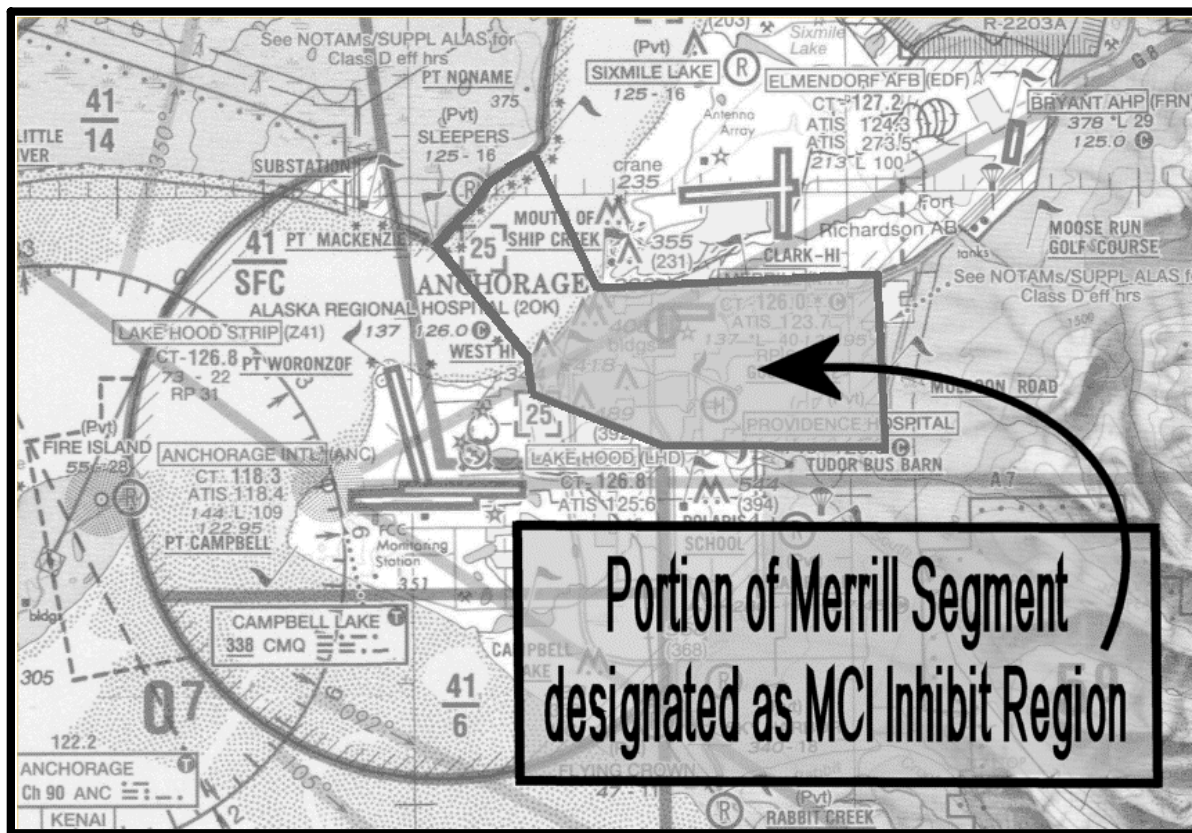
Merrill Field Airport

Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert radar controllers to existing or pending situations between a tracked target (known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks displayed on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks overlap and may make the radar unusable during periods of high air traffic activity. Additionally, the associated aural alarm may distract the controller from performing air traffic control duties.

The Mode C Intruder Alert base altitude has been adjusted from 643 feet above Mean Sea Level to 1,201 feet above Mean Sea Level within that portion of the Merrill Class D Surface Area that overlies land southeast of the south shore of Knik Arm. This action eliminates Mode C Intruder Alerts in the Merrill Field traffic pattern, while continuing to provide alerts in the areas over the Knik Arm, east of Muldoon Road and South of Tudor Road.



(AAL-530 8/7/01)

MODE C INTRUDER ALERT SERVICES

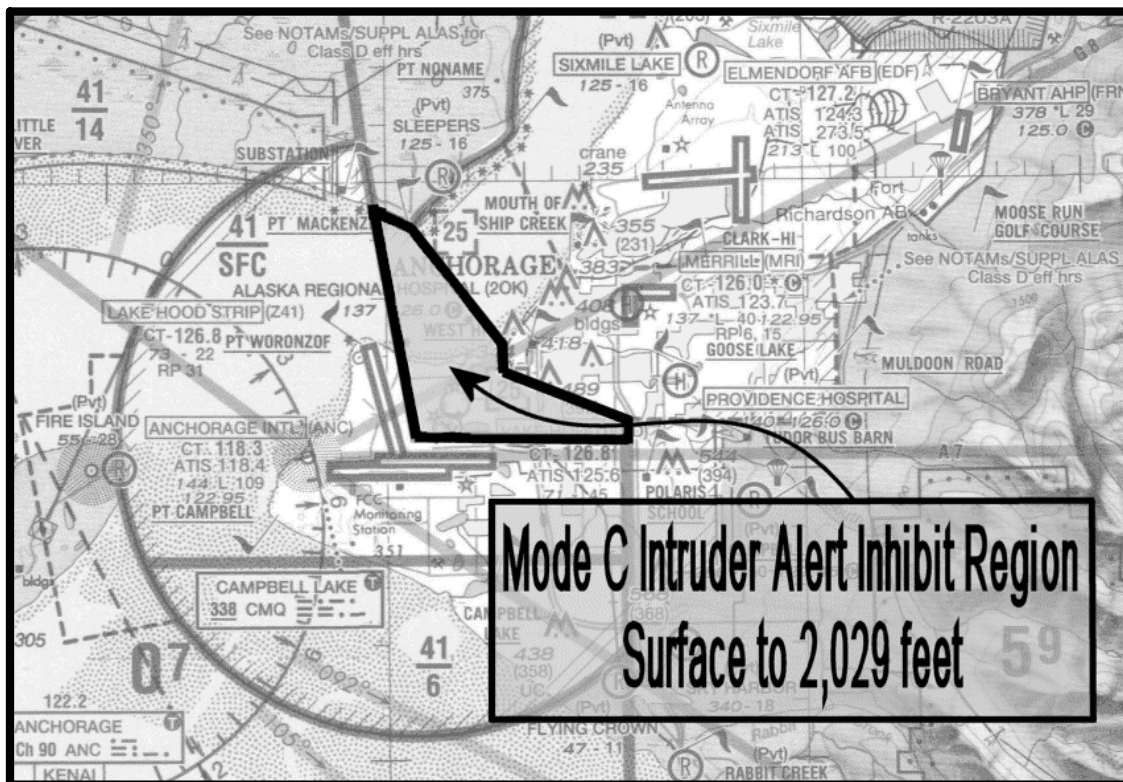
Lake Hood Seaplane Base

Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert controllers to existing or pending situations between a tracked target (a known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks may make the radar unusable and the associated aural alarm may distract the controller from performing air traffic control duties.

During periods of high air traffic activity, Lake Hood Tower may elect to temporarily disable the Mode C Intruder Alert function within the Lake Hood Segment (as described in 14 CFR 93.55) below 2,029 feet AGL. Suspensions of Mode C Intruder Alert service will be broadcast on the Lake Hood ATIS.



(AAL-530 8/7/01)

MODE C INTRUDER ALERT SERVICES

Point Mackenzie Area

Northwest of Anchorage, Alaska

MODE C INTRUDER ALERT is a function of certain air traffic control automated systems designed to alert controllers to existing or pending situations between a tracked target (a known IFR or VFR aircraft) and an untracked target (an unknown IFR or VFR aircraft equipped with an operating Mode C transponder) that requires immediate attention/action.

Mode C Intruder Alert provides an aural and associated visual alert that produces enlarged and blinking alphanumeric data blocks on the controller's radar display. Due to the close proximity of aircraft, the enlarged and blinking data blocks may make the radar unusable and the associated aural alarm distracts the controller from performing air traffic control duties.

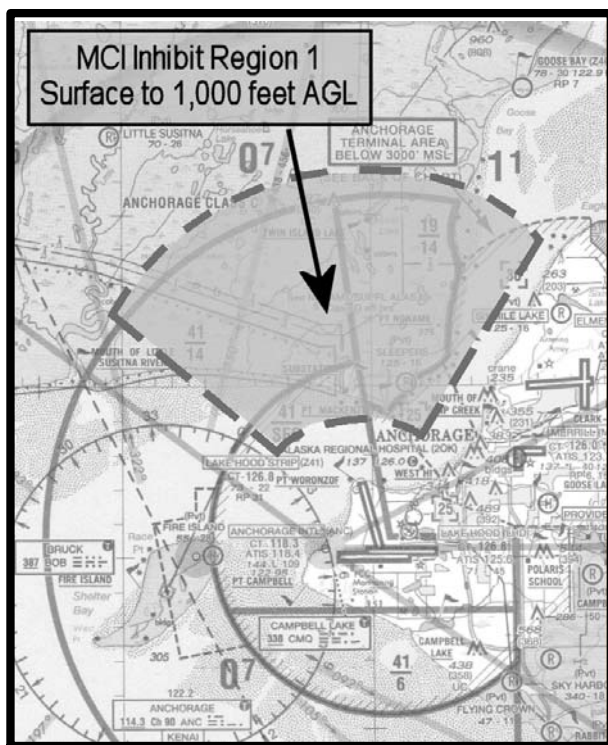
During periods of high air traffic activity in the vicinity of Point Mackenzie, Anchorage Approach Control may temporarily disable the Mode C Intruder Alert function within one or both of the following areas:

Region 1: A dual range, dual azimuth area, based upon the Anchorage Airport Surveillance Radar (ASR) antenna, from 285° magnetic to 007° magnetic, between 3.66 nautical miles and 10 nautical miles, and from the surface up to and including 1,000 feet above ground level (AGL).

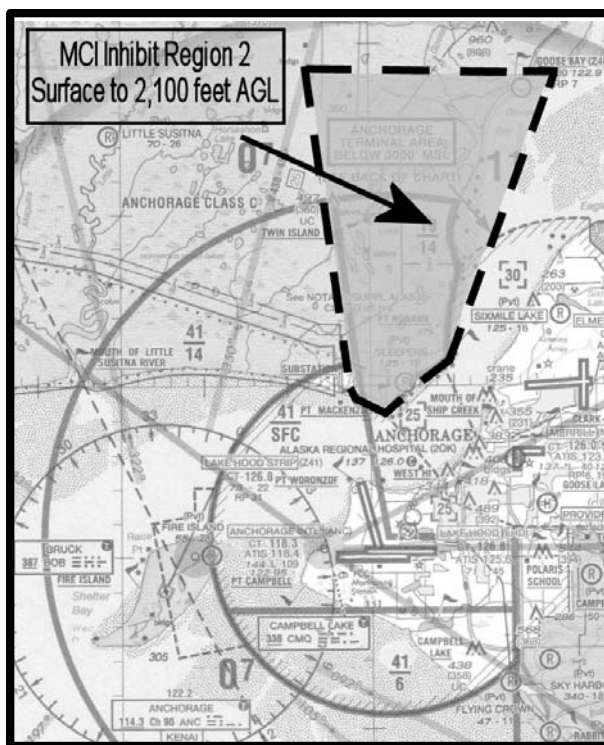
Region 2: From the surface up to and including 2,100 feet AGL within a polygon defined by the following latitude/longitude points:

61:24:00.0N	149:50:00.0W	(1ST & LAST POINT)
61:15:36.0N	149:55:00.0W	(NEXT POINT)
61:14:10.0N	149:59:00.0W	(NEXT POINT)
61:14:30.0N	150:00:30.0W	(NEXT POINT)
61:24:00.0N	150:04:00.0W	(NEXT POINT)

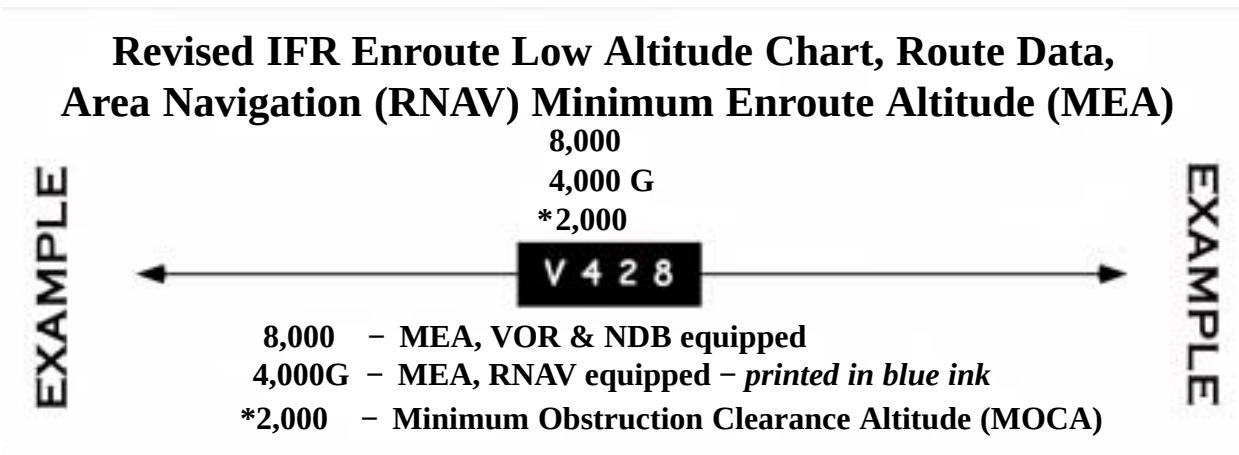
A message will be broadcast on the Anchorage ATIS, Lake Hood ATIS, and MRI ATIS when the Mode C Intruder Alert function is disabled.



Mode C Alert Inhibit Region 1



Mode C Alert Inhibit Region 2



**Implementation of Instrument Flight Rules (IFR)
Area Navigation (RNAV) Operations
Using Global Positioning Systems (GPS) In Alaska**

When. May 15, 2003

Type. Permanent

Purpose.

To enable, in Alaska, the use of Global Positioning System/Wide Area Augmentation Systems (GPS/WAAS) for IFR RNAV in lieu of ground-based navigation aids, including altitudes below current IFR Minimum Enroute Altitudes (MEAs). In general, IFR enroute altitudes are determined by (1) obstacle clearance; (2) the lowest altitude for receiving ground-based radio navigation signals; and (3) the lowest altitude for two-way voice communication with Air Traffic Control (ATC). No accommodation was made for IFR altitudes determined by fixes using other than ground-based navigation aids. Under SFAR No. 97, operators using IFR certified TSO C145a and TSO C146a GPS WAAS RNAV systems are permitted to conduct operations over routes in Alaska at the lowest MEA based only on route obstacle assessments and ATC two-way voice communication capability.

Operations.

SFAR No. 97 allows the use of IFR-certified RNAV GPS/WAAS systems in lieu of ground facilities. This SFAR can be used for U.S. and foreign Part 91 operations, as well as Part 119 operations, Part 125 certificate holders, and Part 129 operations specifications holders, commercial, and certificated air carrier operators, in Alaska. The SFAR establishes training requirements for operators, including service degradation and equipment failure modes. It allows operators subject to this SFAR to operate over Air Traffic Service (ATS) routes where the MEA for a route or route segment is lower for GPS/WAAS IFR RNAV-equipped aircraft than the MEA for operators equipped only with ground-based navigation systems. This flexibility allows those GPS/WAAS IFR RNAV-equipped operators to conduct operations at the lowest permissible altitude in an attempt to avoid in-flight icing or other adverse weather conditions.

Required equipment.

TSO C145a and TSO C146a GPS WAAS navigation systems are authorized to be used as the only means of navigation on Federal airways and other published ATS routes in lieu of ground-based navigation aids in Alaska. In the absence of a WAAS signal, these systems continue to provide navigation guidance using fault detection and exclusion (FDE) or receiver autonomous integrity monitoring (RAIM) techniques. Commercial operators are required to have dual TSO C145a or TSO C146a GPS WAAS navigation equipment, while Part 91 operations require at least one.

New chart features/symbology.

The new RNAV MEAs will be depicted on the Low Altitude Enroute Charts as in the example at the top of this notice. Without a Special (RNAV) MEA depicted, the Standard MEA will be used.

Chart terminology.

“Special MEA” refers to the minimum enroute IFR altitude using GPS/WAAS systems on an ATS route, ATS route segment, or other direct route outside the operational service volume of ground-based navigation aids. “Standard MEA” refers to the minimum enroute IFR altitude on an ATS route, ATS route segment, or other direct route that uses very high frequency/ultra high frequency (VHF/UHF) ground-based navigation aids.

ATS route.

The term ATS route includes Jet Routes, Colored Federal Airways, VOR Federal Airways, and RNAV Routes.

(AAL-535 3/20/03)

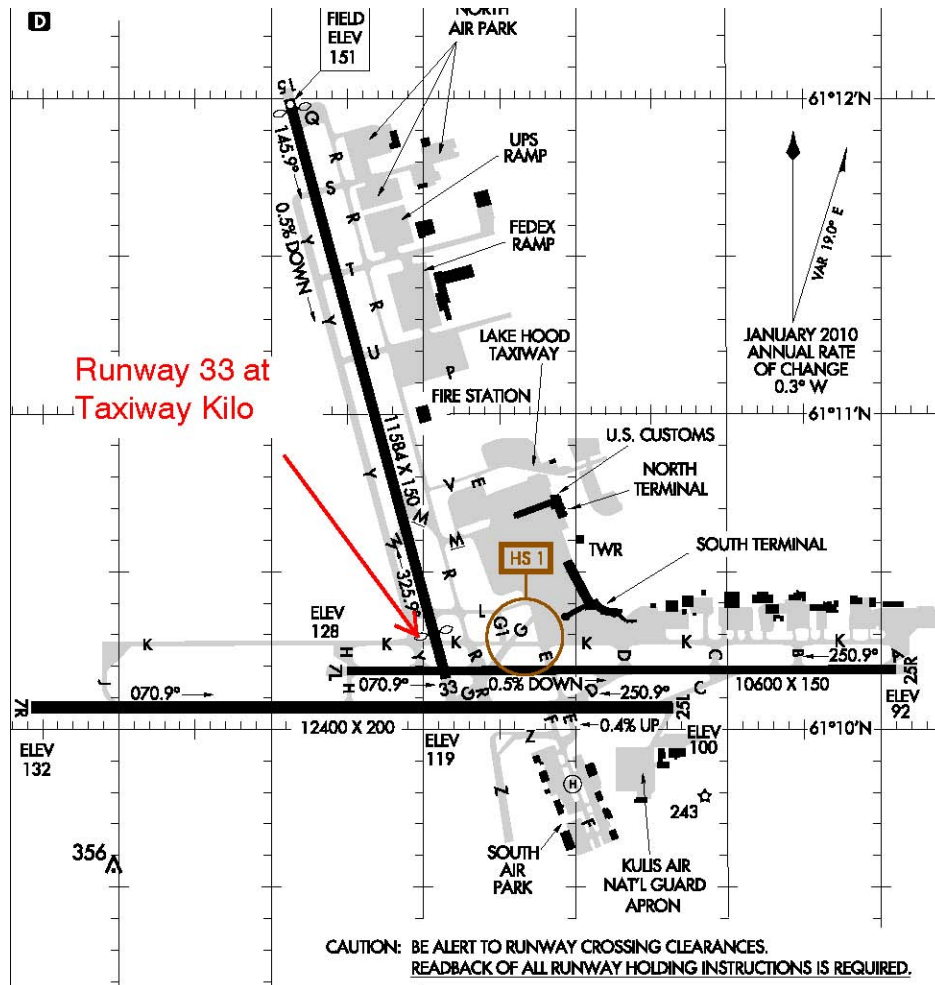
LINE UP AND WAIT OPERATIONS

Ted Stevens Anchorage International Airport

Anchorage, Alaska

LINE UP AND WAIT (LUAW) procedures are a tool used by air traffic control to expedite the movement of aircraft on an airport. Normally, LUAW is not authorized for intersection departures between the hours of sunset and sunrise. Anchorage Tower operates under a waiver that permits these operations on Runway 33 at Taxiway Kilo between the hours of sunset and sunrise under the following conditions:

1. The intersection must be visible from the tower.
2. Runway 33 is restricted to departures only.
3. Aircraft shall not simultaneously line up and wait from any other point on Runway 33.



SPECIAL USE AIRSPACE

W-220

Oliktok, Alaska

Warning Area W-220 is being established to support research conducted by the Department of Energy as part of the North Slope of Alaska Atmospheric Radiation Measurement Climate Research Facility.

Due to the yearly print cycle of the Point Barrow Sectional, W-220 will be effective before the charting in 2016. This graphic notice is provided until the Point Barrow Sectional chart is updated to reflect the W-220 airspace. W-220 is divided in 16 sub-areas, W-220A through H, each with a high and low division. Only W-220A and W-220B will appear on the Sectional chart, the remaining areas fall outside the lateral boundaries of the U.S. Sectional publications, extending north to 82°00'00"N. In all subdivisions, the Times of Use are by NOTAM, the Controlling Agency is Anchorage ARTCC and the Using Agency is U.S. Department of Energy, Office of Science, Biological and Environmental Research. The descriptions of W-220A and W-220B are as follows:

W-220A Low Oliktok, AK

Boundaries: Beginning at lat. 70°47'00"N., long. 150°58'15"W.;
To lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To lat. 70°47'00"N., long. 148°44'52"W.;
To the point of beginning.

Altitudes: Surface up to but not including 2,000 feet MSL.

W-220A High Oliktok, AK

Boundaries: Beginning at lat. 70°47'00"N., long. 150°58'15"W.;
To lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To lat. 70°47'00"N., long. 148°44'52"W.;
To the point of beginning.

Altitudes: 2,000 feet MSL up to but not including 2,000 feet MSL.

W- 220B Low Oliktok, AK

Boundaries: Beginning at lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 72°27'00"N., long. 151°04'09"W.;
To lat. 72°27'00"N., long. 148°39'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;
To the point of beginning.

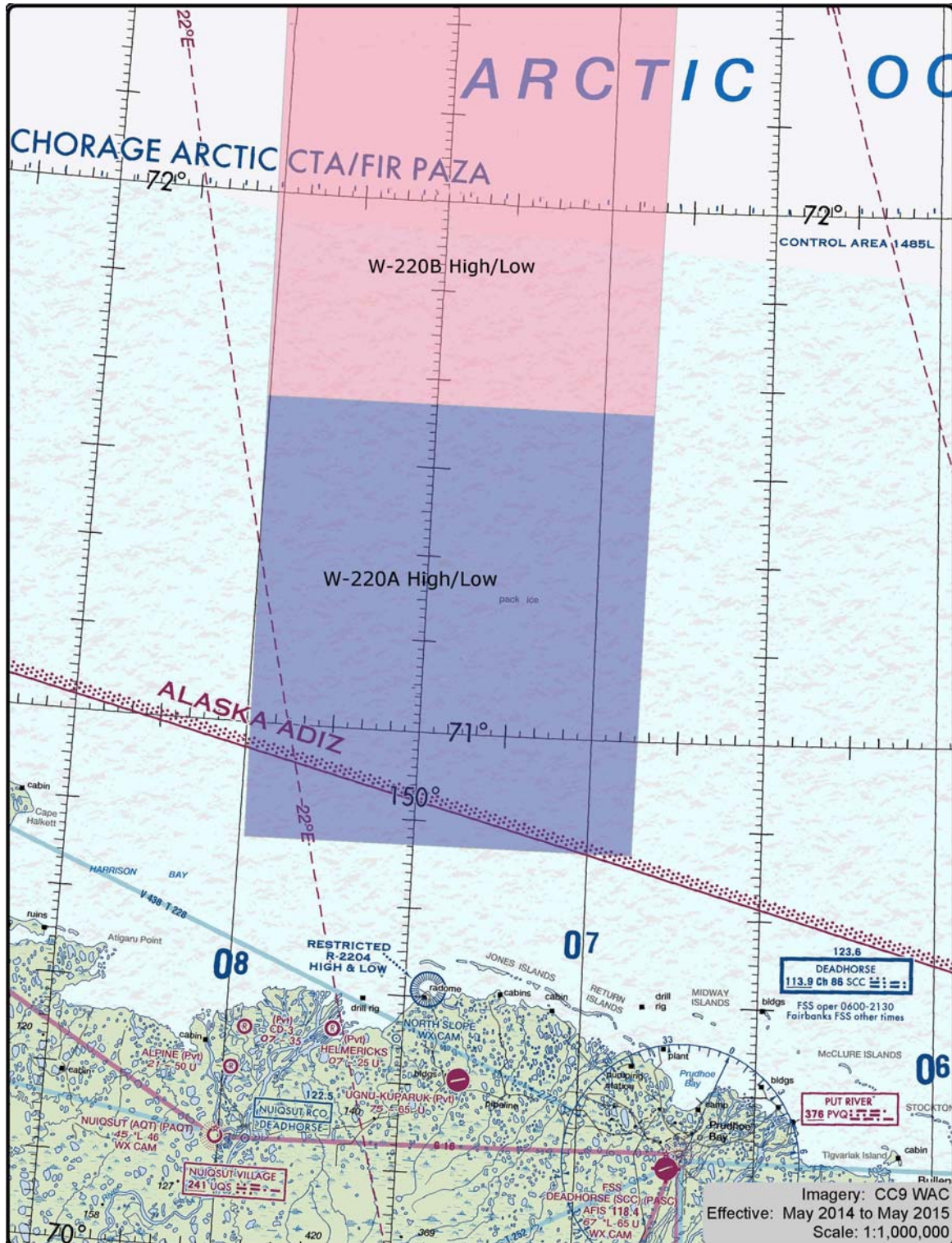
Altitudes: Surface up to but not including 2,000 feet MSL.

W- 220B High Oliktok, AK

Boundaries: Beginning at lat. 71°37'00"N., long. 151°01'03"W.;
To lat. 72°27'00"N., long. 151°04'09"W.;
To lat. 72°27'00"N., long. 148°39'03"W.;
To lat. 71°37'00"N., long. 148°42'04"W.;

To the point of beginning.

Altitudes: 2,000 feet MSL up to but not including 10,000 feet MSL.



Section 4. Major Sporting and Entertainment Events

NCAA FINAL FOUR ARRIVAL AND DEPARTURE RESERVATIONS

**PHOENIX SKY HARBOR INTERNATIONAL AIRPORT (PHX)
PHOENIX, ARIZONA**

EFFECTIVE 1703311300 UTC UNTIL 1704042359 UTC

DUE TO THE HIGH VOLUME OF AIR TRAFFIC TO AND FROM THE PHOENIX METROPOLITAN AREA, A RESERVATION WILL BE REQUIRED FOR, NON SCHEDULED AIR CARRIER, IFR AND VFR, ARRIVALS AND DEPARTURES, TO AND FROM PHX BEGINNING ON 1703311300 UTC UNTIL 1704042359 UTC.

FOR ARRIVAL AND DEPARTURE RESERVATIONS AT PHX CONTACT YOUR PREFERRED FBO.

WHEN YOU MAKE YOUR RESERVATION YOU WILL RECEIVE A RESERVATION NUMBER. ENTER THIS NUMBER IN THE REMARKS SECTION OF YOUR FLIGHT PLAN AND USE THE **DEPARTURE** RESERVATION TIME AS YOUR PROPOSED TIME WHEN YOU FILE YOUR IFR FLIGHT PLAN.

CUTTER AVIATION
602.273.1237
WWW.CUTTERAVIATION.COM

SWIFT AVIATION
602.273.3770
WWW.SWIFTAVIATION.COM

NCAA FINAL FOUR ARRIVAL AND DEPARTURE RESERVATIONS

**SCOTTSDALE AIRPORT (SDL)
SCOTTSDALE, ARIZONA**

EFFECTIVE 17-03-30-1300 UTC UNTIL 17-04-04-2359 UTC

DUE TO THE HIGH VOLUME OF AIR TRAFFIC TO AND FROM THE PHOENIX METROPOLITAN AREA, A RESERVATION SYSTEM WILL BE IN PLACE FOR IFR/VFR, ARRIVALS AND DEPARTURES, TO AND FROM SDL FOR THE DATES AND TIMES LISTED BELOW.

17-03-30-1300 UTC UNTIL 17-03-31-0400 UTC
17-03-31-1300 UTC UNTIL 17-04-01-0400 UTC
17-04-01-1300 UTC UNTIL 17-04-02-0400 UTC
17-04-02-1300 UTC UNTIL 17-04-03-0400 UTC
17-04-03-1300 UTC UNTIL 17-04-04-0700 UTC
17-04-04-1300 UTC UNTIL 17-04-04-2359 UTC

FOR ARRIVAL AND DEPARTURE RESERVATIONS AT SDL CONTACT YOUR PREFERRED FBO.

WHEN YOU MAKE YOUR RESERVATION YOU WILL RECEIVE A RESERVATION TIME, USE THE **DEPARTURE** RESERVATION TIME AS YOUR PROPOSED TIME WHEN YOU FILE YOUR IFR FLIGHT PLAN.

SIGNATURE FLIGHT SUPPORT
480.951.2525
WWW.SIGNATUREFLIGHT.COM/location?iata=SDL

ROSS AVIATION
800.995.5387
www.rossaviation.com/fbos#sdl

NCAA FINAL FOUR ARRIVAL AND DEPARTURE RESERVATIONS

**PHOENIX GOODYEAR AIRPORT (GYR)
GOODYEAR, ARIZONA**

EFFECTIVE 1703311300 UTC UNTIL 1704042359 UTC

DUE TO THE HIGH VOLUME OF AIR TRAFFIC TO AND FROM THE PHOENIX METROPOLITAN AREA A RESERVATION WILL BE REQUIRED FOR IFR ARRIVALS AND DEPARTURES TO AND FROM GYR FOR THE DATES AND TIMES LISTED BELOW.

1703311300 UTC UNTIL 1704010400 UTC
1704011300 UTC UNTIL 1704020700 UTC
1704021300 UTC UNTIL 1704030400 UTC
1704031300 UTC UNTIL 1704040800 UTC
1704041300 UTC UNTIL 1704042359 UTC

FOR ARRIVAL AND DEPARTURE RESERVATIONS AT GYR CONTACT LUX AIR JET CENTER AT 623.932.1200 OR WWW.LUXAIRJETCENTERS.COM.

WHEN YOU MAKE YOUR RESERVATION YOU WILL RECEIVE A RESERVATION NUMBER. ENTER THIS NUMBER IN THE REMARKS SECTION OF YOUR FLIGHT PLAN AND USE THE **DEPARTURE** RESERVATION TIME AS YOUR PROPOSED TIME WHEN YOU FILE YOUR IFR FLIGHT PLAN. ■

IF DEPARTING IFR AFTER GYR TOWER CLOSES CONTACT LUKE RAPCON AT 623.856.7361

NCAA FINAL FOUR ARRIVAL AND DEPARTURE RESERVATIONS

**GLENDALE MUNICIPAL AIRPORT (GEU)
GLENDALE, ARIZONA**

EFFECTIVE 1703311300 UTC UNTIL 1704042359 UTC

DUE TO THE HIGH VOLUME OF AIR TRAFFIC TO AND FROM THE PHOENIX METROPOLITAN AREA A RESERVATION WILL BE REQUIRED FOR IFR ARRIVALS AND DEPARTURES TO AND FROM GEU FOR THE DATES AND TIMES LISTED BELOW.

1703311300 UTC UNTIL 1704010330 UTC
1704011300 UTC UNTIL 1704020800 UTC
1704021300 UTC UNTIL 1704030200 UTC
1704031300 UTC UNTIL 1704040900 UTC
1704041300 UTC UNTIL 1704042359 UTC

FOR ARRIVAL AND DEPARTURE RESERVATIONS AT GEU CONTACT GLENDALE AERO SERVICES AT 623.877.3333.

WHEN YOU MAKE YOUR RESERVATION YOU WILL RECEIVE A RESERVATION NUMBER. ENTER THIS NUMBER IN THE REMARKS SECTION OF YOUR FLIGHT PLAN AND USE THE **DEPARTURE** RESERVATION TIME AS YOUR PROPOSED TIME WHEN YOU FILE YOUR IFR FLIGHT PLAN.

NCAA FINAL FOUR, ARRIVAL AND DEPARTURE RESERVATIONS

**PHOENIX DEER VALLEY AIRPORT (DVT)
PHOENIX, ARIZONA**

EFFECTIVE 1703311300 UTC UNTIL 1704042359 UTC

DUE TO THE HIGH VOLUME OF AIR TRAFFIC TO AND FROM THE PHOENIX METROPOLITAN AREA A RESERVATION WILL BE REQUIRED FOR IFR ARRIVALS AND DEPARTURES TO AND FROM DVT FOR THE DATES AND TIMES LISTED BELOW.

1703311300 UTC UNTIL 1704010700 UTC
1704011300 UTC UNTIL 1704020700 UTC
1704021300 UTC UNTIL 1704030700 UTC
1704031300 UTC UNTIL 1704040700 UTC
1704041300 UTC UNTIL 1704042359 UTC

FOR ARRIVAL AND DEPARTURE RESERVATIONS AT DVT, CONTACT CUTTER AVIATION 800.792.0952 OR [HTTP://WWW.CUTTERAVIATION.COM/AIRPORT-FACILITY-LOCATIONS/DVT-PHOENIX-DEER-VALLEY-AZ](http://WWW.CUTTERAVIATION.COM/AIRPORT-FACILITY-LOCATIONS/DVT-PHOENIX-DEER-VALLEY-AZ)

WHEN YOU MAKE YOUR RESERVATION YOU WILL RECEIVE A RESERVATION NUMBER. ENTER THIS NUMBER IN THE REMARKS SECTION OF YOUR FLIGHT PLAN AND USE THE **DEPARTURE** RESERVATION TIME AS YOUR PROPOSED TIME WHEN YOU FILE YOUR IFR FLIGHT PLAN. ■

FOLDS OF HONOR QUIKTRIP 500

NASCAR SPRINT CUP SERIES EVENT SPECIAL AIR TRAFFIC PROCEDURES

HAMPTON, GEORGIA
March 2, 2017 – March 5, 2017

In anticipation of a large number of aircraft operating to and from the Hampton, Georgia area in conjunction with this event, the following procedures will be used to enhance safety and minimize air traffic delays.

TEMPORARY CONTROL TOWER

The Federal Aviation Administration will NOT operate a temporary control tower at the Henry County Airport (KHMP).

FREQUENCIES

ATLANTA APPROACH CONTROL	
EAST of V97 and SOUTH of V18	128.57
WEST of V97 and SOUTH of V18	119.8
EAST of V97 and NORTH of V18	126.97
WEST of V97 and NORTH of V18	121.0

VFR ARRIVAL PROCEDURES

It is suggested that aircraft utilize a left traffic pattern for Runway 6 and a right traffic pattern for Runway 24.

The suggested traffic pattern altitude for turbojet aircraft is 2200 feet MSL. The suggested traffic pattern altitude for all other aircraft except helicopters is 1700 feet MSL. Suggested pattern altitude for helicopters is 1400 feet MSL.

IFR ARRIVAL PROCEDURES

All IFR ARRIVALS should be prepared to enter the VFR traffic pattern. IFR arrivals should be familiar with the VFR arrival procedure. Please be **PROMPT** with your IFR cancellation on frequency **128.57**.

PREFERRED IFR ARRIVAL ROUTES / ALTITUDES

DEPARTURE AIRPORT	ROUTE
CLT (Jets)	BEAVY SID GANDT IRQ BEYLO CANUK KHMP
JQF, RUQ (Jets)	PAN SID CAE IRQ BEYLO CANUK KHMP

CLT, JQF, RUQ (Props)	HUG SID CHOPN CAE IRQ BEYLO CANUK KHMP
GSO, INT, EXX, MTV, SVH	BZM SUG V20 MADDI KHMP
HKY, AVL, VJI, TRI	SUG V20 MADDI KHMP

Due to the high volume of traffic in the vicinity of Atlanta, aircraft may expect a final altitude no higher than FL220.

IFR DEPARTURE PROCEDURES

All IFR aircraft departing **after** the race on March 5, 2017 are encouraged to file flight plans with a 1615 LCL (2115 UTC) proposed departure time. Atlanta Center will ensure these flight plans will not expire prior to 0100 UTC on March 6, 2017.

Aircraft departing KHMP should request a clearance through Atlanta TRACON (A80). In order to reduce frequency congestion during high volume traffic periods, requests for clearances should be made via telephone at **678-364-6131 or 770-487-3893**. All clearances issued via telephone will be **HOLD FOR RELEASE**. Request for release should not be made until you are in the number one position and ready for immediate departure.

PREFERRED IFR DEPARTURE ROUTES / ALTITUDES

***Note:** Due to the complexity and volume associated with this event, users should anticipate dynamic reroutes and altitude assignments to expedite departure. This may be especially relevant for aircraft landing HKY, SVH, MTV, EXX, and AVL. Pilots are advised not to circumvent these preferred routes as they are intended to balance the departure operation and minimize delays.*

DESTINATION	ROUTE
CLT	KHMP..EATWO..CNTLR.JONZE1.KCLT
JQF, RUQ	KHMP..EATWO..GRD.UNARM3.destination
HKY, SVH	KHMP..NOTWO..HRS..SUG..BZM..destination
GSO, INT	KHMP..EATWO..SPA.BROOK3.destination
MTV, EXX	KHMP.. NOTWO..HRS..SUG..BZM..destination
AVL	KHMP..NOTWO..HRS..SUG..AVL
TRI, VJI	KHMP..NOTWO..HRS..SOT..HNV..destination

Weather and traffic conditions may require the use of alternate routes.

Due to the volume of traffic in the vicinity of Atlanta and Charlotte, aircraft can expect a final altitude no higher than FL230.

VFR DEPARTURE /IFR PICKUP PROCEDURES

(For aircraft departing KHMP)

Due to the extremely high volume of traffic in the Atlanta area, follow these procedures unless an emergency situation exists:

- Squawk 1200 on departure.

- Aircraft are cautioned to **remain clear of the Atlanta Class B airspace**.
- If planning an IFR pick-up, ensure that an IFR flight plan is on file with Flight Service. Due to complexity associated with the departure event, the ability to provide IFR pick-up service may be limited within 100NM of KHMP. Except in emergency situations, IFR airfile clearances will not be issued within 100 miles of KHMP.

TEMPORARY FLIGHT RESTRICTION

A Temporary Flight Restrictions (TFR) will be in effect for this event, see **FDC NOTAM 9/3621** for details.

GENERAL INFORMATION

All types of aircraft, including helicopters, blimps, and banner-tow aircraft, will be operating in the area. Pilots are advised to use extreme caution while operating in the vicinity of KHMP. Pilots are reminded to **obtain current FDC and Local NOTAM information prior to operating in the area**.

LEIDOS FLIGHT SERVICES

Pilot briefing and flight planning services are available online through Leidos Pilot Portal at <https://www.1800wxbrief.com/Website/> or by telephone at 1-800-WX-BRIEF (**1-800-992-7433**). Press 1 for a briefer, then press 4-2-1 for Georgia.

Contact Macon Radio on 122.6 or 122.2 for VFR flight plan activation and closure.

REMEMBER TO CLOSE YOUR FLIGHT PLAN

MASTERS GOLF TOURNAMENT

SPECIAL AIR TRAFFIC PROCEDURES

AUGUSTA, GEORGIA AREA

APRIL 2 – 10, 2017

THESE PROCEDURES MAY BE REVISED OR UNAVAILABLE AT THE TIME OF THE EVENT. PILOTS SHOULD CHECK NOTAMS AND TRAFFIC ADVISORIES PRIOR TO DEPARTURE TO ENSURE THE MOST CURRENT INFORMATION. THIS NOTAM DOES NOT SUPERCEDE RESTRICTIONS PERTAINING TO THE USE OF AIRSPACE CONTAINED IN FDC NOTAMS.

Due to the large number of aircraft operating in the Augusta, Georgia area during the Masters Golf Tournament, the following special air traffic procedures will be used to minimize air traffic delays and enhance safety:

TRAFFIC MANAGEMENT INITIATIVES

A variety of Traffic Management initiatives may be utilized during the 2017 event. They include, but are not limited to, reroutes, miles-in-trail, altitude restrictions, ground stops, and ground delay programs. Additional initiatives may be required to/from the following airports:

AIRPORT	LOCATION	IDENTIFIER
Augusta Regional Airport at Bush Field	Augusta, GA	AGS
Aiken Municipal Airport	Aiken, SC	AIK
Daniel Field Airport	Augusta, GA	DNL
Thomson–McDuffie County Airport	Thomson, GA	HQU

FLIGHT PLAN FILING

In order to receive advanced navigation (RNAV) procedures / routings, please ensure that the correct PBN capability qualifier, in the ICAO format, is utilized when filing your flight plan. Flight plans without the correct ICAO RNAV designators will be assigned conventional procedures.

PREFERRED IFR ARRIVAL ROUTINGS

Jet and turboprop aircraft to AGS, DNL, HQU, or AIK should file one of the following preferred routes.

*At or Above (AOA) At or Below (AOB) Atlanta ARTCC (ZTL) Jacksonville ARTCC (ZJX)

AGS

*RESTRICTION	ROUTE
AOA 150 ZTL internal departures	ATL AHN V417 MSTRS AGS
AOA 150	MEM VUZ ATL AHN V417 MSTRS AGS expect to cross ATL at FL240
AOA 150	IGB VUZ ATL AHN V417 MSTRS AGS expect to cross ATL at FL240
AOA 150	BNA ATL AHN V417 MSTRS AGS expect to cross ATL at FL240

AOA 150	ADTOP MGM ATL AHN V417 MSTRS AGS expect to cross ATL at FL240
AOA 150	GCV MVC MGM ATL AHN V417 MSTRS AGS expect to cross ATL at FL240
ZTL internal departures	ODF AHN V417 MSTRS AGS
None	VXV SOT SUG GRD IRQ AGS expect to cross 40NM North of VXV AOB FL310
None	GSO STWRT2 AGS expect to cross GSO AOB FL300
Assigned by ZJX	CAE STWRT2 AGS
None	SAV STUGE3 AGS
None	PERIE AR7 CHS STUGE3 AGS
None	PSK SPA GRD IRQ AGS expect to cross PSK AOB FL300
AOB 100	HEPUT AGS
AOB 100	GRD IRQ AGS
AOB 100	CAE CAE235 CAE235040 AGS

HQU

RESTRICTION	ROUTE
AOA 150 ZTL internal departures	ATL AHN HQU
AOA 150	MEM VUZ ATL AHN HQU expect to cross ATL AOB FL210
AOA 150	IGB VUZ ATL AHN HQU expect to cross ATL AOB FL210
AOA 150	BNA ATL AHN HQU expect to cross ATL AOB FL210
AOA 150	ADTOP MGM MCN V56 HARLE HQU expect to cross MCN AOB 11,000 feet
AOA 150	GCV MVC MGM MCN V56 HARLE HQU expect to cross MCN AOB 11,000 feet
ZTL internal departures west of line from GRD to VXV	ODF AHN HQU
CLT Terminal Area Departures	BLDWN BLANE IRQ HQU

South of J52 to AMG	MCN V56 HARLE HQU expect to cross MCN AOB 11,000 feet
None	VXV SOT SUG GRD IRQ HQU expect to cross 40NM North of VXV AOB FL310
None	GSO CAE V325 BLANE IRQ HQU expect to cross GSO AOB FL300
Assigned by ZJX	ALD NORMS CAE V325 BLANE IRQ HQU
None	PSK SPA GRD IRQ HQU expect to cross PSK AOB FL300
AOB 100	GRD IRQ HQU
AOB 100	DBN V267 HADOC V56 HARLE HQU

DNL

RESTRICTION	ROUTE
AOA 150 ZTL internal departures	ATL AHN V325 BLANE IRQ DNL
AOA 150	MEM VUZ ATL AHN V325 BLANE IRQ DNL expect to cross ATL at FL240
AOA 150	IGB VUZ ATL AHN V325 BLANE IRQ DNL expect to cross ATL at FL240
AOA 150	BNA ATL AHN V325 BLANE IRQ DNL expect to cross ATL at FL240
AOA 150	ADTOP MGM MCN V56 IRQ DNL expect to cross MCN AOB FL110.DNL
AOA 150	GCV MVC MGM MCN V56 IRQ DNL expect to cross 50W OF MCN at FL240
None	VXV SOT SUG GRD IRQ DNL expect to cross 40NM North of VXV AOB FL310
ZTL internal departures – west and north of line from GRD to VXV to RMG	ODF ELW GRD IRQ DNL
CLT Terminal Area Departures	BLDWN BLANE IRQ HQU
South of J52 to AMG	MCN V56 IRQ DNL expect to cross MCN AOB 11,000 feet
None	GSO CAE V325 BLANE IRQ DNL expect to cross GSO AOB FL300
Assigned by ZJX	ALD NORMS CAE V325 BLANE IRQ DNL
None	PSK SPA GRD IRQ DNL expect to cross PSK AOB FL300

AOB 100	GRD IRQ DNL
AOB 100	DBN V267 HADOC V56 IRQ DNL

AIK

RESTRICTION	ROUTE
AOA 150 ZTL internal departures	ATL AHN V325 BLANE AIK
AOA 150	MEM VUZ ATL AHN V325 BLANE AIK expect to cross ATL at FL240
AOA 150	IGB VUZ ATL AHN V325 BLANE AIK expect to cross ATL at FL240
AOA 150	BNA ATL AHN V325 BLANE AIK expect to cross ATL at FL240
AOA 150	ADTOP MGM ATL AHN V325 BLANE AIK expect to cross ATL at FL240
AOA 150	GCV MVC MGM ATL AHN V325 BLANE AIK expect to cross ATL at FL240
ZTL internal departures	ELW GRD CAE AIK
ZTL internal departures	MCN V56 IRQ AIK
None	VXV SOT SUG CAE AIK expect to cross 40NM North of VXV AOB FL310
None	GSO CAE AIK expect to cross GSO AOB FL300
None	PSK SPA CAE AIK expect to cross PSK AOB FL300
Assigned by ZJX	ALD NORMS CAE AIK
AOB 100	DBN V267 HADOC V56 IRQ AIK

POTENTIAL HOLDING

Aircraft may be required to hold inbound due to weather or other constraints. As a general rule, pilots may expect to hold south of the IRQ VORTAC.

VFR ARRIVALS

VFR arrivals may expect lengthy delays outside Augusta Class D airspace during peak traffic periods. VFR advisory service within the Augusta terminal area will be on a workload-permitting basis.

IFR ARRIVALS TO DNL:

IFR aircraft are requested to cancel IFR with AGS approach as soon as they get DNL in sight. The pilot is not required to cancel his/her IFR flight plan while airborne.

DEPARTURE PROCEDURES

AUGUSTA REGIONAL AIRPORT (AGS) – All departing aircraft contact clearance delivery on 118.2. Advise if IFR or VFR.

DO NOT CALL GROUND CONTROL TO TAXI until you are the number one aircraft that can enter a taxiway from the ramp or parking area.

DO NOT LEAVE RAMP / PARKING AREA until you have received taxi instructions and, if IFR, have received a clearance.

DO NOT CALL THE TOWER FOR DEPARTURE until you are in the number one position for the runway.

RAMP / PARKING areas are considered uncontrolled.

DANIEL FIELD (DNL): All departing aircraft should contact Clearance Delivery on 133.125 prior to contacting Ground Control (121.175) for taxi. Advise if IFR or VFR. During periods when DNL ATCT is not operational, IFR aircraft should attempt to use HQU GCO (706-771-1777) for IFR clearance.

AIKEN MUNICIPAL (AIK): All departing IFR aircraft contact Augusta Approach Control on 126.075 for IFR clearance prior to departure.

THOMSON-MCDUFFIE (HQU): IFR aircraft should attempt to call HQU GCO (706-771-1777) for IFR clearance.

PREFERRED IFR DEPARTURE ROUTINGS

Jet and turboprop aircraft filed out of AGS, DNL, HQU, or AIK should file one of the following preferred routes:

Note: Aircraft unable to navigate via RNAV procedures must notify Augusta Tower, Daniel Tower, or Augusta TRACON and should expect radar vectors.

Note: Aircraft cleared via the SAMMI, DOVER, KAOLN, MISTY, NDINA, AZALA, or RDBUD SID's must remain on the published heading until advised by ATC. Aircraft cleared via the JUNPR or CHATT SID's may proceed on course after the last waypoint.

AGS and AIK

TYPE RESTRICTION	ROUTE
None	JUNPR3 MCN or JUNPR3 AMG then on course
Turbojets only	KAOLN4 expect on course with ZTL
Turbojets only	CHATT5 HOGAP or CHATT5 GSO then on course
None	SAMMI3 SAMMI expect on course with ZJX via CAE, ISO, or RDU

Turbojets only	DOVER3 DOVER expect on course with ZJX
Non-turbojets only	RDBUD2 RDBUD expect on course with GSP TRACON

DNL and HQU

TYPE RESTRICTION	ROUTE
Turbojets only	MISTY5 HADOC expect on course with ZTL
Turbojets only	CHATT5 HOGAP or CHATT5 GSO then on course
None	SAMMI3 SAMMI expect on course with ZJX
Non-turbojets only	AZALA3 AZALA expect on course with GSP TRACON
Non-turbojets only	NDINA4 NDINA expect on course with ATL TRACON

VFR DEPARTURES / IFR PICKUP

VFR departures should not expect to obtain an IFR clearance within 100 miles of AGS.

IFR OVERFLIGHTS

IFR overflights below 16,000 feet MSL expect a routing to avoid the Augusta area.

VFR ARRIVALS AND DEPARTURES TO/FROM DNL:

VFR arrivals and departures operating to/from DNL are advised to navigate between the IRQ250Radial and the IRQ010Radial due to high traffic volume south and east of DNL.

AIR TRAFFIC CONTROL TOWER INFORMATION

The FAA Air Traffic Control Tower at **Augusta Regional (AGS)** will be operational during the following time periods:

DATE	TIME (EDT)	TIME (UTC)
April 3 – 4	0600 – 2300	1000 – 0300
April 5 – 9	0600 – 0000	1000 – 0400
April 10	0530 – 2300	0930 – 0300

The Daniel Field Airport General Aviation Commission will operate a Temporary Air Traffic Control Tower at **Daniel Field (DNL)** during the following time periods:

DATE	TIME (EDT)	TIME (UTC)
April 5 – 8	0700 – 2000	1100 – 0000
April 9	0700 – 2100	1100 – 0100

FREQUENCIES	
DNL ATCT ("DANIEL TOWER")	124.85 MHz
DNL Ground Control	121.175 MHz
DNL Clearance Delivery	133.125 MHz
Macon AFSS	122.3 MHz
DNL ASOS Weather	135.275 MHz
Aiken (AIK) Clearance Delivery	126.075 MHz

RESTRICTED OPERATIONS

Airport Operations will issue a NOTAM prohibiting formation flights, cargo flights, training flights, practice approaches, and touch-and-go operations from April 3 – 10, 2017.

COLUMBIA METROPOLITAN AIRPORT (CAE)

Arrivals to CAE transitioning from the west can expect to cross MONET at 13,000 feet and 250 knots with the following route:

IRQ V155 WIDER CAE

LEIDOS FLIGHT SERVICES

Pilot briefing and flight planning services are available online through the LEIDOS Pilot Portal at <https://www.1800wxbrief.com/Website/> or by telephoning LEIDOS Flight Service at 1-800-WX-BRIEF (1-800-992-7433). Press 1 for a briefer, then press 4-2-1 for Georgia.

Contact Macon Radio on 122.3 in the Augusta, Georgia area for VFR flight plan activation and closure. Contact Flight Service on the following frequencies for in-flight briefing services:

DIRECTION FROM AUGUSTA, GA	FREQUENCY
North	122.625 MHz
East	122.45 MHz
South	122.6 MHz
West	122.4 MHz
Northwest	122.55 MHz

In-flight pilot reports are encouraged on these frequencies.

****Remember to close your flight plan****

TOYOTA OWNERS 400 NASCAR SPRINT CUP SERIES EVENT

RICHMOND INTERNATIONAL RACEWAY RICHMOND, VIRGINIA

April 27– May 01, 2017

In anticipation of a large number of aircraft traveling to and from the Richmond, Virginia area in conjunction with this event, the following procedures will be used to enhance safety and minimize air traffic delays. These procedures will be in effect from 1000z April 27, 2017 until 1700z May 01, 2017.

SPECIAL AIR TRAFFIC PROCEDURES

Special procedures will be in effect for the following airports:

AIRPORT	IDENTIFIER
Richmond International Airport	RIC
Richmond Executive Airport	FCI
Hanover County Airport	OFP

ATIS

Monitor Richmond International Airport ATIS on frequency 119.15 MHz prior to initial contact inbound and engine startup outbound.

PREFERRED IFR ARRIVAL ROUTINGS

Jets to RIC: should file one of the following preferred routes:

From Northeast: SBY V1 JAMIE RIC
 SWL V139 CCV RIC
 PXT V213 HPW RIC
From CLT Area: RDU NEAVL DUCXS3
From ATL Area: SPA Q60 JAXSN KELCE DUCXS3
 PSK LYH POWTN2
From Northwest: BKW/EKN MOL SPIDR2
From South: FLO RDU NEAVL DUCXS3

Jets to FCI/OFP: should file one of the following preferred routes:

From Northeast: BY V1 JAMIE
 SWL V139 CCV
 PXT V213 HPW
From CLT Area: RDU LVL
From ATL Area: SPA Q60 JAXSN KELCE
 PSK LYH FAK

From Northwest: BKW/EKN MOL FAK
From South: FLO RDU LVL

VFR ARRIVALS

Richmond Class C Airspace

Pilot participation in the Class C Airspace is required and will be provided to aircraft landing at airports within the lateral limits of the Richmond Class C airspace. All aircraft are requested to contact Potomac Approach Control at least 20 miles from the Richmond International Airport. Pilots are requested to remain clear of Class C airspace until a clearance is received to proceed inbound.

VFR arriving aircraft are requested to cancel their flight plans with Flight Service prior to landing or as soon as possible thereafter.

FREQUENCIES	
122.2 MHz	Transmit/Receive
122.1 MHz	Transmit
RIC VOR 114.1 MHz	Receive

RICHMOND INTERNATIONAL RACEWAY ADVISORY

There will be restricted aircraft operations and aerial demonstrations over the Richmond International Raceway. Aerial operations may include military fly-bys and lifeguard helicopter operations.

Racetrack Advisory Frequency 130.87

ALL AIRCRAFT must depart RIC with Class C service. Monitor ATIS on frequency 119.15 MHz. prior to taxi.

HELICOPTER OPERATIONS BETWEEN RICHMOND INTERNATIONAL RACEWAY AND RICHMOND INTERNATIONAL AIRPORT

All helicopters flying between the raceway and the Richmond Airport shall have an approved waiver on file with Richmond Tower. Helicopter flights should request to use the RACEWAY Corridor (see graphic). Prior to requesting the use of the corridor, the pilot shall:

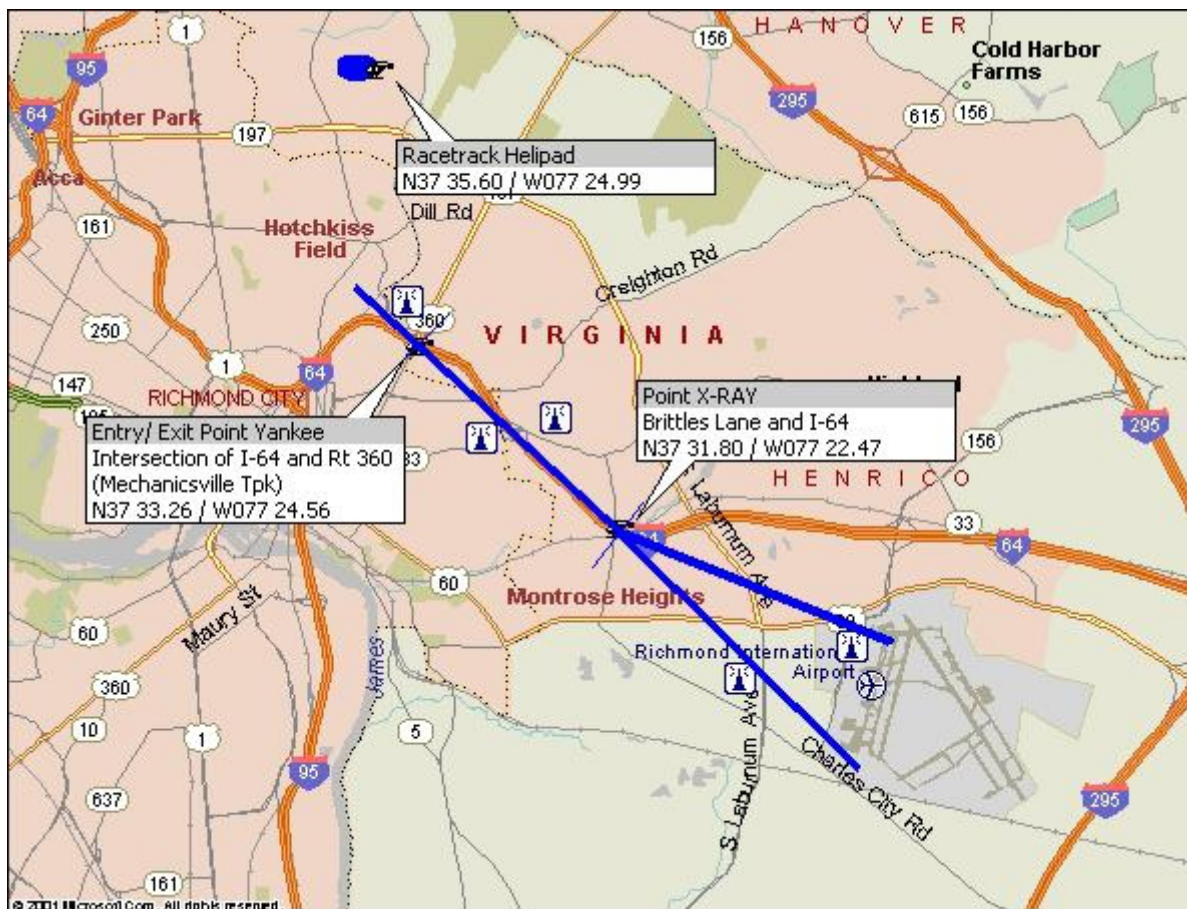
- Monitor the Richmond airport ATIS on frequency 119.15 MHz.
- Contact Richmond Tower on Frequency 121.1 MHz. Advise the tower of your aircraft identification number and location. Request entrance to the RACEWAY Corridor.
- RACEWAY Corridor is available for use only in VFR conditions.
- Use caution for numerous towers and antennas along the route at and below 450 feet MSL. There are five antennas, one NM north of Entry/Exit Point Yankee, at and below 450 feet MSL.

RACEWAY Helicopter Corridor Inbound: Proceed VFR to Entry Point Yankee (Intersection of I-64 and Rt. 360, Mechanicsville Tpk. N37° 33.26' / W077° 24.56'). Request clearance to enter Class C airspace via the

RACEWAY corridor from RIC Tower on frequency 121.1. Follow I-64 to point X-RAY (Intersection of I-64 and Brittles Lane, N37° 31.80' / W077° 22.47') at or below 600' MSL. Proceed direct to HeloAir, Richmond Jet or MillionAir. Squawk beacon code 0350. (Monitor RIC Tower on frequency 121.1 at all times.)

RACEWAY Helicopter Corridor Outbound: Contact RIC Tower on frequency 121.1. Request clearance to depart the Class C airspace via the RACEWAY Corridor. Upon receiving clearance, proceed from HeloAir, Richmond Jet, or MillionAir direct to point X-RAY (Intersection of I-64 and Brittles Lane, N37° 31.80' / W077° 22.47') at 900' MSL. Follow I-64 to Exit Point Yankee (Intersection of I-64 and Rt. 360, Mechanicsville Tpk. N37° 33.26' / W077° 24.56'). Report clear of RACEWAY Corridor. Squawk beacon code 0350. (Monitor RIC Tower on frequency 121.1 at all times.)

Racetrack Helipad: N37° 35.60' / W077° 24.99'



IFR DEPARTURE ROUTES

To help minimize delays, it is important that pilots file IFR flight plans to their destinations via the following routes. In order to receive advanced navigation (RNAV) procedures / routings, please ensure that the correct PBN capability qualifier, in ICAO format, is used when filing your flight plan. Flight plans without the correct ICAO RNAV designators will be assigned conventional procedures. Please be aware the delay mitigation routes are for the sole purpose of alleviating departure constraints only.

CLT:

Jets (Primary): RIC KALLI3 LYH IVANE5

Jets (delay mitigation): RIC HPW CVI ISO J121 BARTL OKNEE MLLET1
Props: RIC LYH V143 GIZMO

EQY:

Jets: RIC KALLI3 LYH MAJIC1

Jets (delay mitigation): RIC HPW CVI ISO J121 BARTL J4 FLO RASLN2

IQF/RUQ/VUI:

Jets (Primary): RIC KALLI3 LYH NASCR1

Jets (delay mitigation): RIC HPW CVI ISO J121 BARTL J4 FLO NASCR1

GSO/INT:

Jets (Primary): RIC KALLI3 LYH HENBY2

Jets (delay mitigation): RIC HPW MAZON ARGAL RDU

Props: RIC V157 LVL SBV

EXX/MTV/HKY/SVH:

Jets: RIC KALLI3 LYH V222 HENBY

VJI:

Jets: RIC KALLI3 LYH V222 HENBY VJI

OTHER destinations:

Jets: RIC KALLI3 (preferred arrival route for destination)

To the northwest (West Virginia, Ohio, and Western Pennsylvania):

Jets: RIC KALLI3 (preferred arrival route for destination)

Props: RIC V38 GVE (preferred arrival route for destination airport)

To the northeast: (New York, Eastern Pennsylvania, New England)

Jets: RIC LUCYL3 (preferred arrival route for destination)

Props: COLIN6 (preferred arrival route for destination)

AIR FILED FLIGHT PLANS

Due to frequency congestion, Washington Center, Potomac TRACON, and Richmond ATCT will not accept air filed flight plans to or from the Richmond area during this time period except for emergency situations.

NOTE: Flight plan drop times will be extended. DO NOT file duplicate flight plans.

IFR/VFR DEPARTURE PROCEDURES

Monitor ATIS on frequency 119.15 MHz. for the current airport information and special instructions, prior to engine start-up.

Contact Clearance Delivery on frequency 127.55 MHz for IFR flight plan or to advise that you are requesting VFR services in the Class C area. Give the following:

- Aircraft identification number

- Type aircraft
- Destination
- Requested altitude

Taxi to nearest exit spot (see airport diagram) and monitor ground control on frequency 121.9 MHz. Remain clear of all active taxiways at all times.

NOTE: Taxiway Golf west of taxiway Alpha, taxiway Tango south of taxiway Golf, and the east/west section of taxiway Kilo will be designated as non-movement areas via NOTAM/FCR during this time to allow aircraft on the Million Air ramp access to exit spots 2 and 3. Use caution on these taxiways and do not block access to the cargo ramp. Do not block the North/South portion of Kilo.

NOTE: Exit spot three is for non-turbo propeller driven aircraft. Exit spot two is for turboprop and jet aircraft.

When number 1 at the exit spot contact ground control, advise ground control of your position, aircraft call sign, and current ATIS code.

Taxi as instructed. Expect to depart from the runway end unless otherwise advised.

Monitor tower on frequency 121.1 MHz when instructed by ground control.

Tower will consider aircraft ready for departure when number one (1) for assigned runway.

NOTE: Aircraft equipped with anti-collision lights should exercise courtesy while taxiing.

HELICOPTER DEPARTURES

When not using the RACEWAY corridor:

Contact clearance delivery on 127.55 MHz. Advise clearance delivery of your aircraft call sign, type aircraft, destination, if IFR or VFR and current ATIS code.

Contact Tower on 121.1 MHz and advise of your location on the airport.

DEVIATION FROM THE ABOVE PROCEDURES MAY RESULT IN INCREASED DEPARTURE DELAYS.

FUEL ADVISORY

Due to special ATC departure procedures following this event, departures can expect to be held to altitudes lower than requested. Higher altitudes will be available as traffic permits.

Section 5. Airshows

2017 U.S. & Canadian Military Aerial Aircraft/Parachute Demonstration

During CY 2017, the U.S. and Canadian Military Aerial Demonstration Teams (Thunderbirds, Blue Angels, Snowbirds, and Golden Knights) will be performing on the dates and locations listed below.

Pilots should expect Temporary Flight Restrictions (TFR) in accordance with 14 CFR Section 91.145, Management of aircraft operations in the vicinity of aerial demonstrations and major sporting events. The dimensions and effective times of the TFRs may vary based upon the specific aerial demonstration event and will be issued via the U.S. NOTAM system. Pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding these airspace restrictions.

The currently scheduled 2017 aerial demonstration locations, subject to change without notice, are:

DATE		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
February	26	Daytona Beach, FL			
March	5	Las Vegas, Nevada			
	11		NAF El Centro, CA		
	11-12	Titusville, FL			
	18-19	Waco, TX	NAWS China Lake, CA		
	25-26	Lancaster, CA	Brunswick, GA		
April	1-2	Melbourne, FL	NAS Corpus Christi, TX		
	8	Maxwell AFB, AL			
	8-9		Lakeland, FL		
	22-23	Tyndall AFB, FL	NAS New Orleans, LA		
	29-30	Lake Charles, LA	MCAS Beaufort, SC		
May	6-7	Travis AFB, CA	Barksdale, LA		Fort Lauderdale, FL
	13-14	Pittsburgh, PA	Millington, TN		
	20-21	Tinker AFB, OK	Seymour Johnson AFB, NC		North Kingstown, RI
	24		US Naval Academy, MD		
	26		US Naval Academy, MD		
	27-28	Wantagh (Jones Beach), NY	Millville, NJ		

DATE		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
June	1	USAF Academy, CO			
	3-4	Grand Junction, CO	Duluth, MN		Duluth, MN
	10-11	Rockford, IL			
	17-18	Youngstown ARB, OH	Ocean City, MD		
	24-25	Dayton, OH	Latrobe, PA		
July	1-2	Traverse City, MI	Open Date		
	8		Pensacola Beach, FL		
	8-9	Gary, IN			
	15-16	Open Date	Milwaukee, WI		
	23				
	22-23	Great Falls, MT	Idaho Falls, ID		
	26	Cheyenne, WY			
	29-30	Fairchild AFB, WA	Oshkosh, WI		
August	5-6		Seattle, WA		
	12-13	Westfield, MA			
	17				
	19-20	Selfridge ANG, MI	Chicago, IL		
	23	Atlantic City, NJ			
	26-27	Dover AFB, DE	Brunswick, ME		
September	2-4	Cleveland, OH	Ypsilanti, MI		
	5				
	3-5				
	9-10	Altus AFB, OK	Lincoln, AL		
	16-17	JB Andrews, MD	NAS Oceana, VA		
	23-24	Colorado Springs, CO	MCAS Miramar, CA		
	30	Open Date	Huntington Beach, CA		Huntington Beach, CA
October	1	Open Date	Huntington Beach, CA		Huntington Beach, CA
	1-2			Lincoln, AL	
	7-8	Minden, NV	San Francisco, CA		San Francisco, CA

DATE		USAF Thunderbirds	USN Blue Angels	USA Golden Knights	Canadian Snowbirds
	14-15	Phoenix (Speedway), AZ			
	21-22	Houston, TX	Rome, GA		
	28-29	Moody AFB, GA	Fort Worth, TX		
November	4-5	JB San Antonio Lackland Kelly, TX	NAS Jacksonville, FL		
	10-11		NAS Pensacola, FL		
	11-12	Nellis AFB, NV			

Note: Dates and locations are scheduled “show dates” only and do not reflect arrival or practice date TFR periods that may precede the specific aerial demonstration events listed above. Again, pilots are strongly encouraged to check FDC NOTAMs to verify they have the most current information regarding any airspace restrictions.



43rd Annual

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SUN n FUN

INTERNATIONAL FLY-IN & EXPO

APRIL 4-9, 2017

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2017 SUN ‘N FUN FLY-IN

Lakeland, Florida

April 03 – April 09, 2017

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PREFLIGHT PLANNING & SAFETY INFORMATION

Pilots must adhere to all published LAL arrival and departure procedures and ATC instructions. Failure to do so may jeopardize your safety and the safety of others.

No Radio (NORDO) aircraft must land at an airport within approximately thirty (30) minutes of LAL, call Lakeland Tower at 863-834-3335, and receive ATC approval for arrival. Specific routes and runway assignment will be issued based on traffic and weather conditions.

To ensure clear and concise communications with ATC, pilots are asked to carry a copy of the Sun 'n Fun NOTAM aboard their aircraft.

ALL VFR departures requesting AIRBORNE activation of IFR FLIGHT PLANS or VFR FLIGHT FOLLOWING in the central Florida area should use published procedures. *(See: IFR Pick Up/VFR Flight Following)*

When weather at Lakeland or along your route of flight is MARGINAL VFR, it is STRONGLY suggested that you file IFR from your departure airport and receive your IFR clearance and departure release on the ground. Tampa, Orlando, and Jacksonville Approaches may be unable to issue IFR pick-up clearances due to traffic volume and complexity.

When traffic volume is low, Air Traffic frequencies and positions may be combined. Ground Air Traffic Operational Remote (GATOR) and flagmen positions may not be staffed. Continue to follow ATC instructions.

Pilots should check LOCAL and FDC NOTAMs frequently for current information that may affect your flight.

Pilots must obtain ATC clearance prior to entering class b airspace around Tampa and Orlando.

Due to the large number of departures after the daily airshow, arrival traffic is normally not accepted until at least one (1) hour after the airshow ends. Check arrival ATIS to determine when the airport is reopened.

Do NOT plan to arrive or depart after the night airshow. The airport is closed.

DO rock your wings with GUSTO for airborne acknowledgements.

DO NOT make unnecessary radio transmissions where procedures clearly state “monitor the frequency only”.

AIRCRAFT WINDSHIELD SIGNS

Pilots landing or departing LAL are requested to DISPLAY A SIGN IN THE LEFT SIDE OF THEIR WINDSHIELD to designate their intended parking/camping area or type departure. The sign should have LARGE dark letters that can be read from at least 50 feet. Computer or tablet signs are not acceptable.

ABBREVIATIONS

Abbreviation	Meaning
GAP	General Aviation Parking Area
GAC	General Aviation Camping Area
HB	Homebuilt Parking Area
HBC	Homebuilt Camping Area
HC	Handicapped Parking
SP	Seaplane Parking Area
VAC	Vintage Aircraft Camping/Parking
YC	Youth Camping
ONC	One Night Camping (NO FACILITIES)
FBO	Fixed Base Operator
E1	E1 Ramp Tenants
E2	E2 Ramp Tenants
VENDOR	Vendor
WB	Warbirds
P	Paradise City
VFR	VFR Departure
IFR	IFR Departure

Parking sign example:



LAKELAND LINDER REGIONAL AIRPORT (LAL) NOTICE

The control tower will be open and the Class D airspace will be in effect from 0600-2200 EDT (1000-0200 UTC).

DO NOT operate in the Class D airspace SOUTH of RWY 09R/27L. This area is reserved for aircraft using other procedures.

DO NOT STOP on the runway after landing. Exit the runway as soon as possible on a hard surface.

DO NOT stand on/near or walk/drive across the runways.

Use caution when operating in non-movement areas. All movement on other than paved runways is at PILOTS OWN RISK.

All aircraft must be TIED DOWN. Tie downs may not be available for purchase.

Aircraft parking and camping is allowed in designated areas only. CAMPING NORTH OF RWY 09L/27R IS PROHIBITED.

Contact the FBO for hard surface reserved parking and fueling information.

Student training flights and solos are NOT permitted at LAL during this event.

Observe all fire prevention rules. NO campfires or stoves are permitted near aircraft.

RWY 05/23 will be CLOSED from 1400 EDT (1800 UTC) March 24 through 1600 EDT (2000 UTC) April 13.

RWY 08/26 will be CLOSED from 1400 EDT (1800 UTC) March 24 through 1600 EDT (2000 UTC) April 13. There will be a 1400 FT turf strip in this area. (*See: Paradise City*)

Several taxiways will be closed as indicated by orange cones.

ENGINE OPERATION and TAXI are PROHIBITED SOUTH OF RWY 09R/27L from 2000-0700 EDT (0000-1100 UTC).

AIRPORT CLOSURES

The airport is CLOSED during aerobatic demonstrations and nightly from 1930-0600 EDT (2330-1000 UTC) April 3 through April 10

AIRSHOW OPERATIONS

The Air Show Operations Area is from the surface to 15,000 FT MSL, within a five (5) nautical mile radius of Lakeland Linder Regional Airport.

AIR SHOW SCHEDULE			
DAY	DATE	TIME (EDT)	TIME (UTC)
Tuesday	April 04	1430-1730	1830-2130
Wednesday	April 05	1430-1730	1830-2130
Wednesday Night	April 05	1930-2200	2330-0200
Thursday	April 06	1200-1700	1600-2100
Friday	April 07	1330-1730	1730-2130
Saturday	April 08	1330-1730	1730-2130
Saturday Night	April 08	1930-2200	2330-0200
Sunday	April 09	1330-1730	1730-2200

NOTE-

Air show and flight restriction schedules are subject to change. Pilots should check NOTAMs (both D and FDC) frequently to ensure the most current information.

TEMPORARY FLIGHT RESTRICTIONS

Temporary flight restrictions (TFR) will be in effect during periods of high performance aerial demonstrations. TFR information is disseminated via FDC NOTAM prior to the event. Once published, text and graphic depictions of restrictions may be found at:

www.tfr.faa.gov

BALLOON LAUNCH ADVISORY

Saturday, April 8, 0700-0800 EDT (1100-1200 UTC)

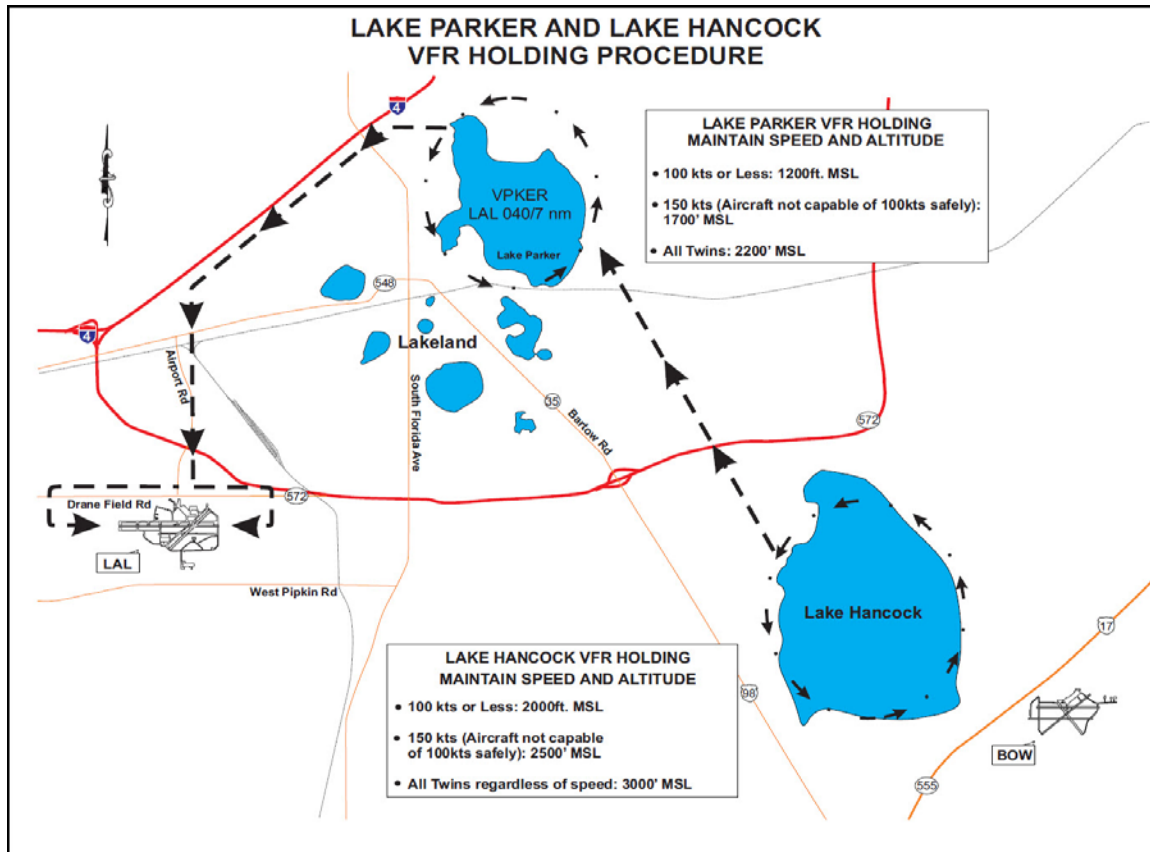
Use caution for balloon activity in the vicinity of LAL. Arriving aircraft may expect delays during this event.

SKYDIVING ACTIVITY ADVISORY

Remain vigilant for skydiving activity in the vicinity of Zephyrhills Airport (ZPH) located 16.4 nm NW of Lakeland on the LAL332 radial. Be alert for skydivers descending from 13,500 feet over ZPH sunrise to sunset.

Remain vigilant for skydiving activity in the vicinity of Blackwater Creek Ultralight Airport (9FD2) located 11.2 nm NW of Lakeland on the LAL326 radial. Be alert for skydivers descending from 17,999 feet over 9FD2 sunrise to sunset.

LAKE PARKER AND LAKE HANCOCK VFR HOLDING PROCEDURES



VFR HOLDING AT LAKE PARKER

If VFR holding is necessary, ATC will instruct a lead aircraft to turn left and proceed southbound over the west shore of Lake Parker.

Hold counter-clockwise around the lakeshore.

All other aircraft will be instructed to follow the leader in single file.

Controllers located on the west side the lake will monitor traffic in the holding pattern.

DO NOT PROCEED past Lake Parker without ATC clearance.

Maintain 1,200 FT MSL/100 knots or less, 1,700 FT MSL/150 knots, or 2,200 FT MSL (twin engine aircraft) regardless of airspeed.

VFR HOLDING AT LAKE HANCOCK

If VFR holding prior to Lake Parker is necessary, ATC will instruct aircraft to proceed to Lake Hancock.

Remain clear of Lake Parker and east of the Lakeland Airport.

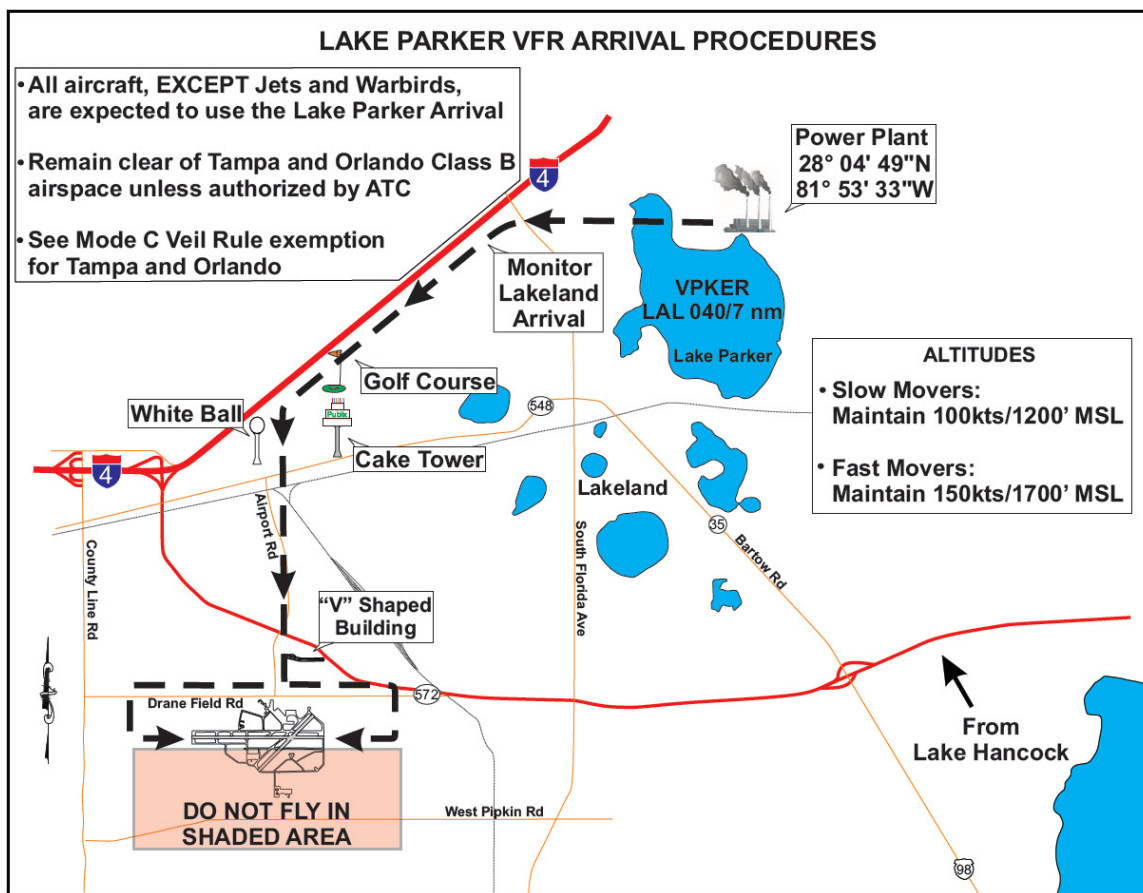
VFR HOLDING AT LAKE HANCOCK (Continued)

Hold counter clockwise around the lakeshore.

Maintain 2000 feet MSL/ 100 knots or less, 2500 feet MSL/150 knots or 3,000 feet MSL (twin-engine aircraft) regardless of speed.

LAKE PARKER VFR ARRIVAL PROCEDURES

All aircraft (except jets/warbirds) are expected to use the Lake Parker arrival procedures.



30 miles out: TURN LANDING LIGHTS ON

Fly toward Lake Parker to approach from the North, Northeast, East or Southeast.

20 miles out: Listen to ARRIVAL ATIS 128.575 for landing and special information.

3 miles east of Lake Parker: Turn TRANSPONDER OFF and follow another aircraft to the power plant.

MONITOR Lake Parker Arrival on 124.5.

LAKE PARKER VFR ARRIVAL PROCEDURES (Continued)

Fly westbound over the north shore of Lake Parker. The power plant smokestacks with white strobe lights are located at the north side of Lake Parker. Expect heavy air traffic in this area.

All aircraft maintain 100 knots, at 1,200 feet MSL, approaching Lake Parker. Aircraft unable to safely slow to this speed should maintain 150 knots at 1,700 feet.

Controllers located at Lake Parker will contact you in the vicinity of Lake Parker's north shore, using your aircraft "color" and "type" to provide sequencing and other arrival information.

Controllers may ask you to "ROCK YOUR WINGS" as an acknowledgement for instructions.

DO NOT transmit unless requested by ATC or if you have an EMERGENCY.

REMAIN IN TRAIL to the airport. NO side-by-side.

From the north shore depart the power plant flying westbound. You will see baseball fields to your south. Follow the road north of the baseball fields. Continue westbound.

Continue westbound approximately one-half nautical mile toward the intersection of Interstate I-4 and a four lane road.

At the intersection of Interstate I-4 and the four lane road, turn southwest following Interstate I-4 approximately 3 nautical miles.

Turn southbound, keeping the golf course and cake tower to your east and the white water tower to your west. Lakeland Linder Regional Airport is approximately 3.5 nautical miles south of you.

Fly southbound toward the large V-shaped building. The **BLUE-ROOFED** airport terminal building at the Lakeland Linder Regional Airport is directly south of the large V-shaped building.

MONITOR Lakeland frequency 135.225 after making your turn southbound toward the blue roof terminal.

TURN ON YOUR LANDING LIGHTS and ENSURE LANDING GEAR IS DOWN.

LISTEN for ATC instructions.

Over fly the large V-shaped building. Continue toward the **BLUE-ROOFED** airport terminal building. Plan to turn downwind prior to the airport terminal building in the vicinity of Drane Field Road.

TRAFFIC PATTERN

IMPORTANT – RWY 09L/27R is a narrow strip 75 feet wide, which is usually a taxiway.

CAUTION – Be alert for special event and fly-by aircraft using the main runway with opposite-direction base leg entries. Expect numerous aircraft in the fly-by pattern and other operations at/below 2000 FT MSL south of RWY 09R/27L.

Do not deviate south of RWY 09R/27L in the event of a go-around.

Downwind:

Fly directly toward the **BLUE-ROOFED** terminal building. Plan to turn downwind PRIOR to the blue-roofed terminal building in the vicinity of Drane Field Road.

You will fly either left traffic for RWY 09L or right traffic for RWY 27R.

Final: RWY 09L or 09R:

The displaced thresholds are indicated by strobe lights on each side of the runways. If you require the full length (8500 FT), advise the tower.

Short Final:

If landing RWY 09L, you may be instructed by the tower controller to land on either the GREEN or ORANGE spot.

LANDING

RWY 09L or 09R:

DO NOT land on the main (wide) RWY 09R unless specifically instructed by the Control Tower.

Plan to clear the runway as soon as possible on a hard surface.

Aircraft landing RWY 09L, turn off to the left.

RWY 27L:

Exit the runway to the left as directed by air traffic control.

RWY 27R:

Roll to the end of the runway or follow air traffic control instructions.

AFTER TOUCHDOWN

REMAIN ON HARD SURFACE unless directed by the tower or flagman.

DO NOT STOP ON THE RUNWAY, clear the runway expeditiously.

Use caution when taxiing due to the high volume of aircraft, vehicles, and personnel.

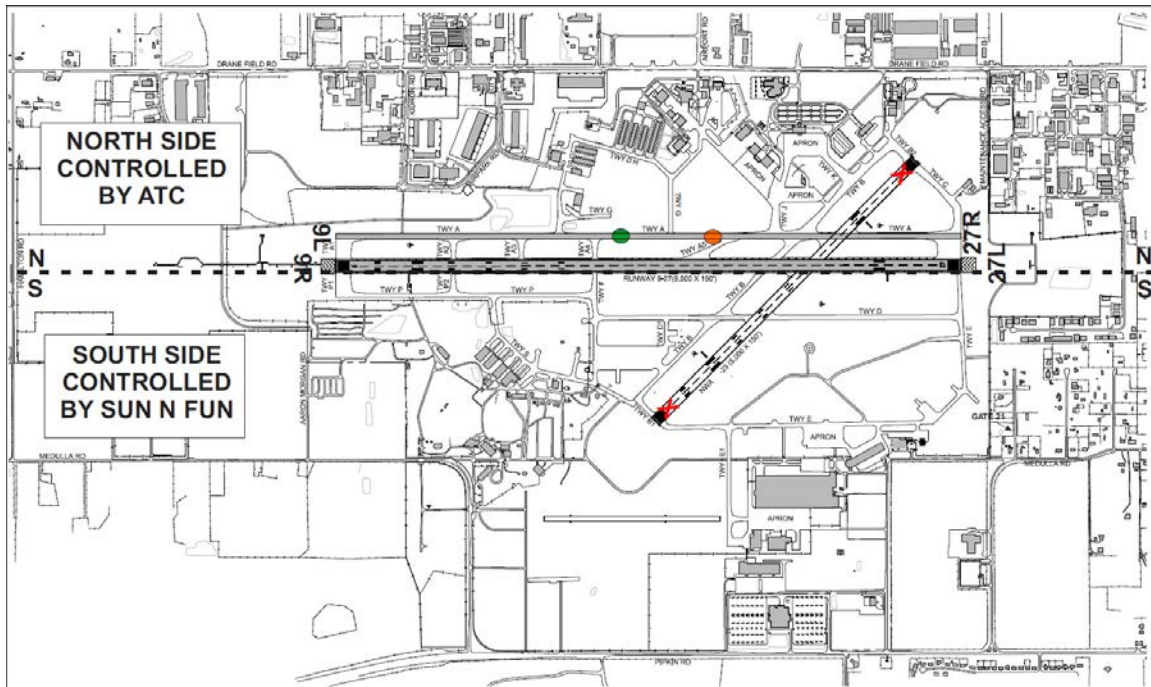
When south of RWY 09R/27L, Sun 'n Fun personnel will direct you to the parking area. Monitor Sun 'n Fun Ground Advisory on 126.075.

Park only where directed. Due to congestion, you may be asked to temporarily stop your aircraft.

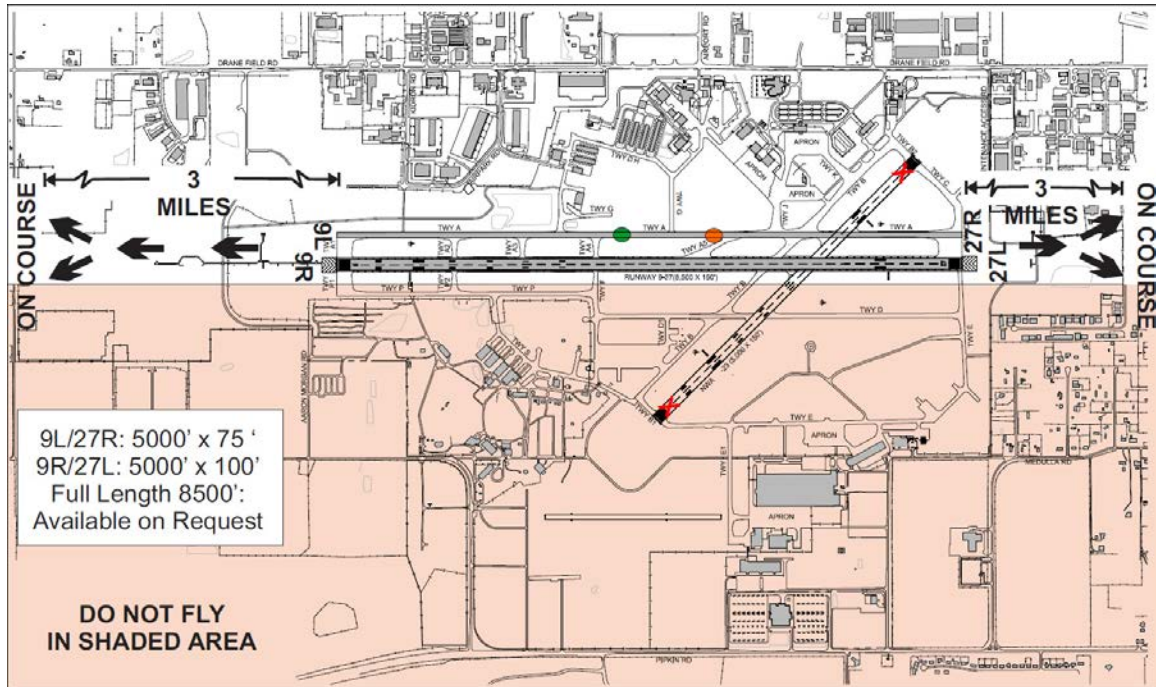
DO NOT leave your aircraft until you have reached your final parking spot and have tied your aircraft down.

Select 121.5 prior to radio shutdown to detect inadvertent activation of ELT.

VENDOR SUPPORT AIRCRAFT may park TEMPORARILY on the north/south taxiway near vendor buildings for unloading vendor support material. Aircraft may NOT stay in this location overnight.



LAKELAND VFR DEPARTURES



If Lakeland Airport is **IFR**, TAXI IS PROHIBITED without an IFR CLEARANCE.

Prior to engine start, place a sign in your windshield with the letters “**VFR**” to indicate to the flagmen you intend to depart VFR.

Before taxiing, monitor Lakeland Departure ATIS on 118.025 for taxi information.

When ready to taxi, DO NOT CONTACT GROUND CONTROL. Follow the flagman's directions and other traffic to the advertised active runway.

Hold short of the runway and monitor the applicable tower frequency.

- ➔ Departing RWY 09L/27R monitor 133.125.
- ➔ Departing RWY 09R/27L monitor 127.850.

FAA air traffic controllers on elevated platforms “GATORS” near runway departure points will clear all aircraft for take off via the applicable departure frequency.

After departure, proceed straight out for three (3) miles before proceeding on course. Avoid Lake Parker and Lake Hancock.

Be alert for numerous aircraft departing, particularly after 1800 EDT, and for arrival traffic from the north.

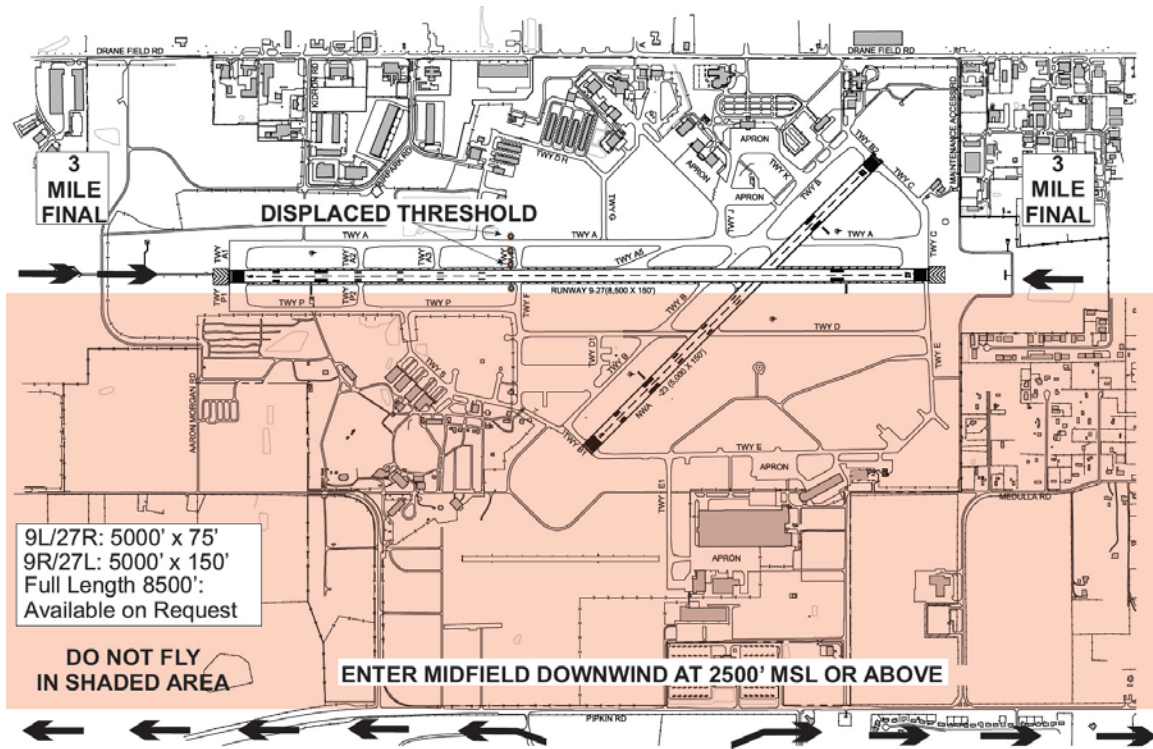
LAKELAND VFR DEPARTURES *(Continued)*

Use caution for special flight activity south of the airport and parachute jumping at the Zephyrhills Airport (ZPH).



GATOR
Ground Air Traffic Operational Remote

WARBIRD SOUTH ARRIVALS



CONTACT Lakeland Tower on 118.65 10 NM South of LAL.

Pilot should state: Warbird south arrival, aircraft color and type, position.

Example: "Lakeland Tower, Warbird south arrival, silver mustang, 10 south"

Approach the airport from the south and enter a MID-FIELD DOWNWIND for RWY 09R or 27L, as instructed. Remain AT OR ABOVE 2,500 FT MSL until turning a wide base leg to at least a 3 MILE FINAL.

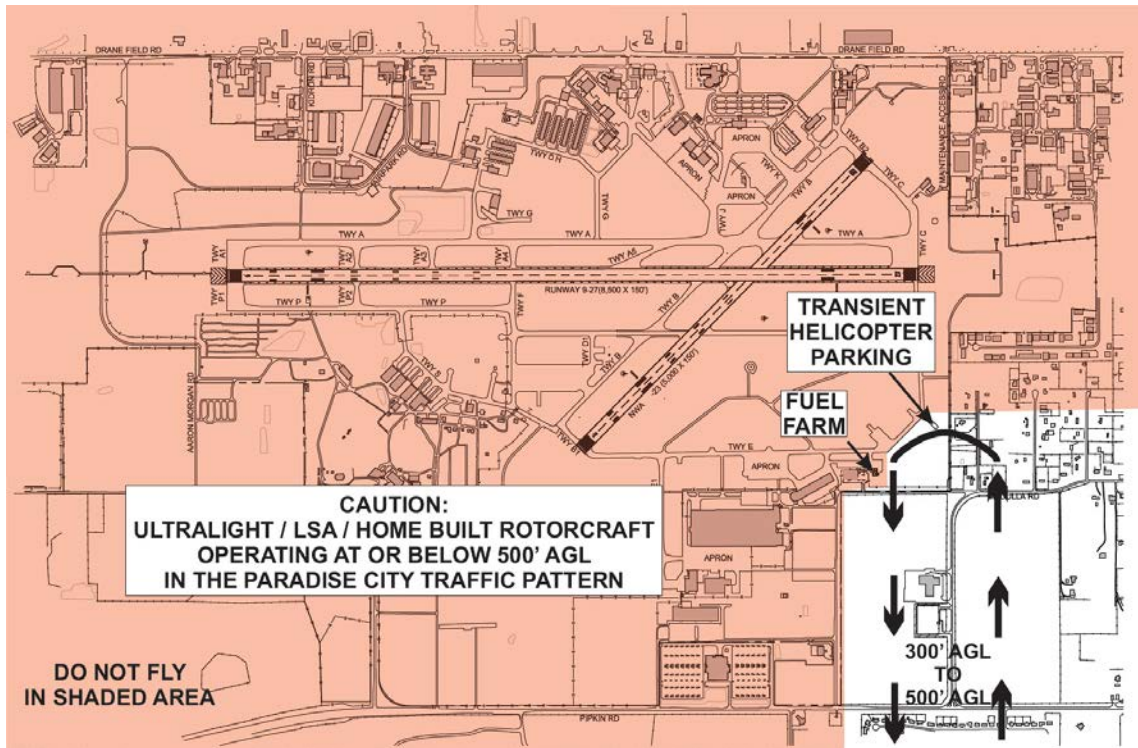
Expect a high volume of traffic for RWY 09L/27R from OPPOSITE-DIRECTION base legs.

After exiting, and south of RWY 09R/27L, contact Sun 'n Fun ground advisory on 126.075 for parking information.

Use caution for numerous aircraft operating South of RWY 09R/27L at and below 2000 FT MSL.

IMPORTANT – RWY 09R has a displaced threshold. If you require the full length (8500ft) advise the tower.

CHOPPERTOWN CERTIFICATED HELICOPTERS VFR ARRIVAL/DEPARTURE



Approach the airport from the Southeast at or below 500 feet MSL.

Announce call sign, location, and intentions on Helicopter Advisory frequency 123.025.

Example: “N1234, 3 South on the Helicopter arrival.”

REMAIN in the helicopter corridor. Remain east of the large hangars to avoid the Paradise City flight pattern.

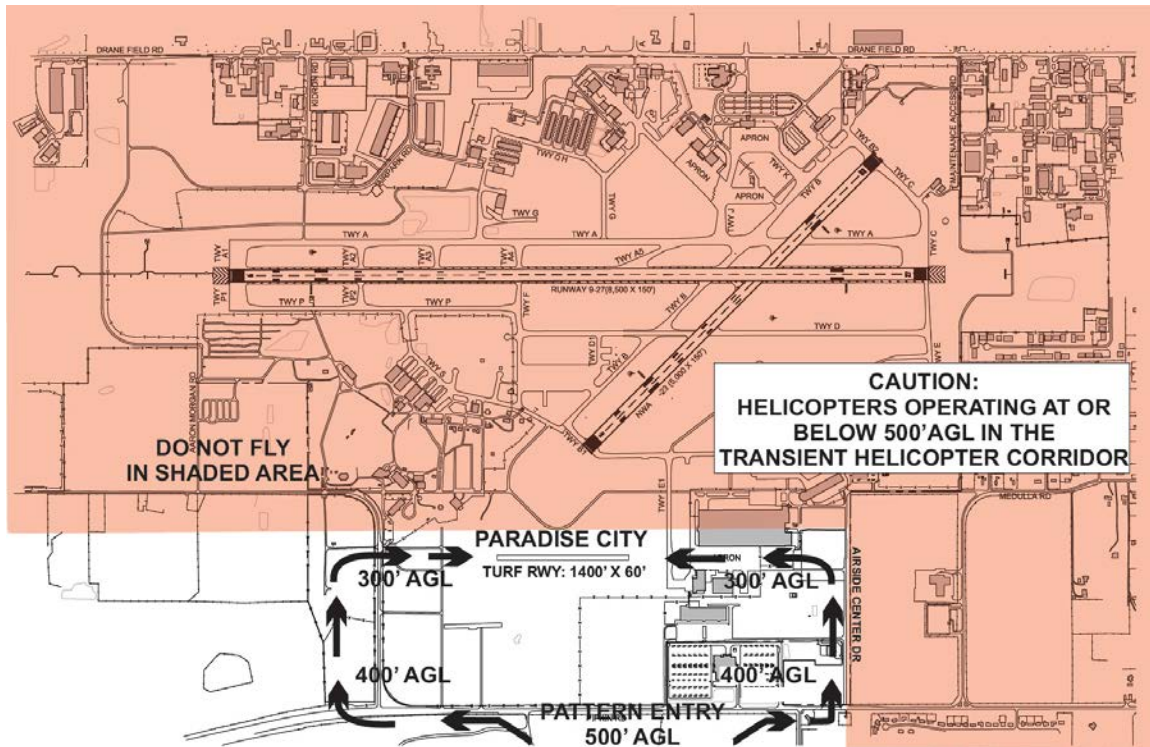
PARK in the grass East of Taxiway E.

REMAIN EAST of TWY E at all times. YIELD TO TAXIING AIRCRAFT.

Gyrocopter and other rotorcraft may be operating in the Choppertown pattern at or below 300 feet with the approval of the Sun 'n Fun Director of Operations.

Helicopters MAY NOT DEPART/ARRIVE DURING AIRFIELD CLOSURES unless authorized by ATC. Contact Lakeland Tower on 118.65 for approval.

PARADISE CITY ULTRALIGHT/LIGHT SPORT AIRCRAFT & HOMEBUILT ROTORCRAFT ARRIVAL/DEPARTURE



RWY 08/26 will be closed from 1400 EDT (1800 UTC) March 24 through 1600 EDT (2000 UTC) April 13. A turf strip will be available, 1400 FT long x 60 FT wide with displaced thresholds on each end. A ditch runs parallel to the south side of the strip.

Only VFR Daytime Operations are authorized.

Inbound traffic approach LAL from the south at 500 FT AGL. Enter the pattern on the downwind leg at a forty-five (45) degree angle.

AVOID South Lakeland Airport (X49) 3.5 NM SW of LAL due to extensive aircraft activity. Be alert for heavy traffic in the airspace surrounding LAL. Use caution for HELICOPTER operations at the same altitudes just east of Paradise City.

DO NOT FLY NORTH of RWY 08/26 or east of Airside Center Drive.

MONITOR 118.65 (DO NOT TRANSMIT) approaching LAL from the south.

Switch to Paradise City ADVISORY FREQUENCY 123.625 with enough time to receive advisories. **Note:** The frequency is used for airport advisories and pilot communications and is NOT intended for the sequencing or separation of aircraft.

All pilots **MUST ATTEND A PILOT BRIEFING PRIOR TO DEPARTURE** from the Paradise City runway. Briefing times are available in the Paradise City main tent.

IFR PROCEDURES

Effective April 04– April 09

In anticipation of a large number of aircraft traveling to and from the Lakeland area for the Sun 'n Fun Fly-In, special air traffic procedures will be used to enhance safety and minimize air traffic delays.

TRAFFIC MANAGEMENT

Traffic management initiatives will be utilized when arrival rates exceed airport capacity. Pilots should be prepared for potential airborne holding, reroutes, or **Expect Departure Clearance Times (EDCT's)** that may be issued for all **domestic IFR arrivals** to the following airports:

AIRPORT	IDENTIFIER
Lakeland Linder Regional Airport	LAL
Plant City Municipal Airport	PCM
Bartow Municipal Airport	BOW
Lake Wales Municipal Airport	X07
Winter Haven Gilbert Airport	GIF

Heavy demand and traffic management initiatives may be expected during the following dates/times:

DAILY	April 04- April 09 0700 - 1959 EDT (1100 - 2359 UTC)
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Traffic management initiatives for this event are designed to provide equitable airspace access. To maintain program integrity and minimize delays, airborne changes of destination to above listed airports will not be accepted within 200nm of destination, except in emergency situations. Duplicate flight plans (same time/call sign) to multiple airport destinations are subject to removal from the system.

IFR TRAFFIC

Due to increased over flight traffic along the southeastern coast and ARTCC radar limitations, southbound traffic filed over CHS via V1 should request 8,000 feet or above. Traffic filed V1 at 6,000 feet and below will be rerouted via V437.

Air files and changes of destination from airborne flights to LAL, PCM, BOW, X07 and GIF will not be accepted except in emergency situations.

NOTE - Please be familiar with the Sun 'n Fun – Lake Parker Arrival and Departure Procedures.

IFR PROCEDURES *(Continued)*

IFR ARRIVALS

Be prepared to cancel IFR and to enter a VFR traffic pattern for landing sequence. When the ceiling and visibility at Lakeland are reported at or above 3,000 feet and five (5) miles, expect a vector to the vicinity of Lake Parker for a VFR approach, following published Sun 'n Fun – Lake Parker Arrival Procedures.

JET AIRCRAFT ARE NOT RECOMMENDED OVER LAKE PARKER. Expect ATC vectors to final RWY 09R/27L. Be extremely alert for a high volume of traffic with a wide variance of performance characteristics operating in the vicinity of Lakeland.

Pilots retaining IFR clearance until landing must contact Tampa Approach on 120.65 after exiting the runway to cancel IFR clearance.

IFR DEPARTURES

File your flight plan at least four (4) hours prior to proposed departure time. IFR flight plans not activated will expire ninety (90) minutes after proposed departure time.

Prior to engine start, place a sign in your windshield with the letters “**IFR**” to indicate to the flagmen you intend to depart IFR.

MONITOR ATIS on 118.025. IFR departures will be instructed via ATIS to contact Ground Control on 124.15 or 121.4.

Contact Ground Control as instructed for clearance. DO NOT TAXI until enroute clearance is received. If you have not received initial departure instructions prior to reaching the runway, attempt to taxi your aircraft to a position that will allow other VFR aircraft to pass for departure.

DO NOT accept FAA flagman's instructions to enter the runway or take off unless you have received departure release from Ground Control.

IFR PICK UP/VFR FLIGHT FOLLOWING

IFR pick-up and VFR flight following procedures are required for the following Lakeland area airports:

AIRPORT	IDENTIFIER
Lakeland Linder Airport	LAL
Plant City Airport	PCM
Gilbert Field Municipal Airport (Winter Haven)	GIF
Tampa Executive Airport	VDF
Peter O. Knight Airport	TPF
Bartow Municipal Airport	BOW
Zephyrhills Municipal Airport	ZPH
South Lakeland Airpark	X49
Lake Wales Airport	X07

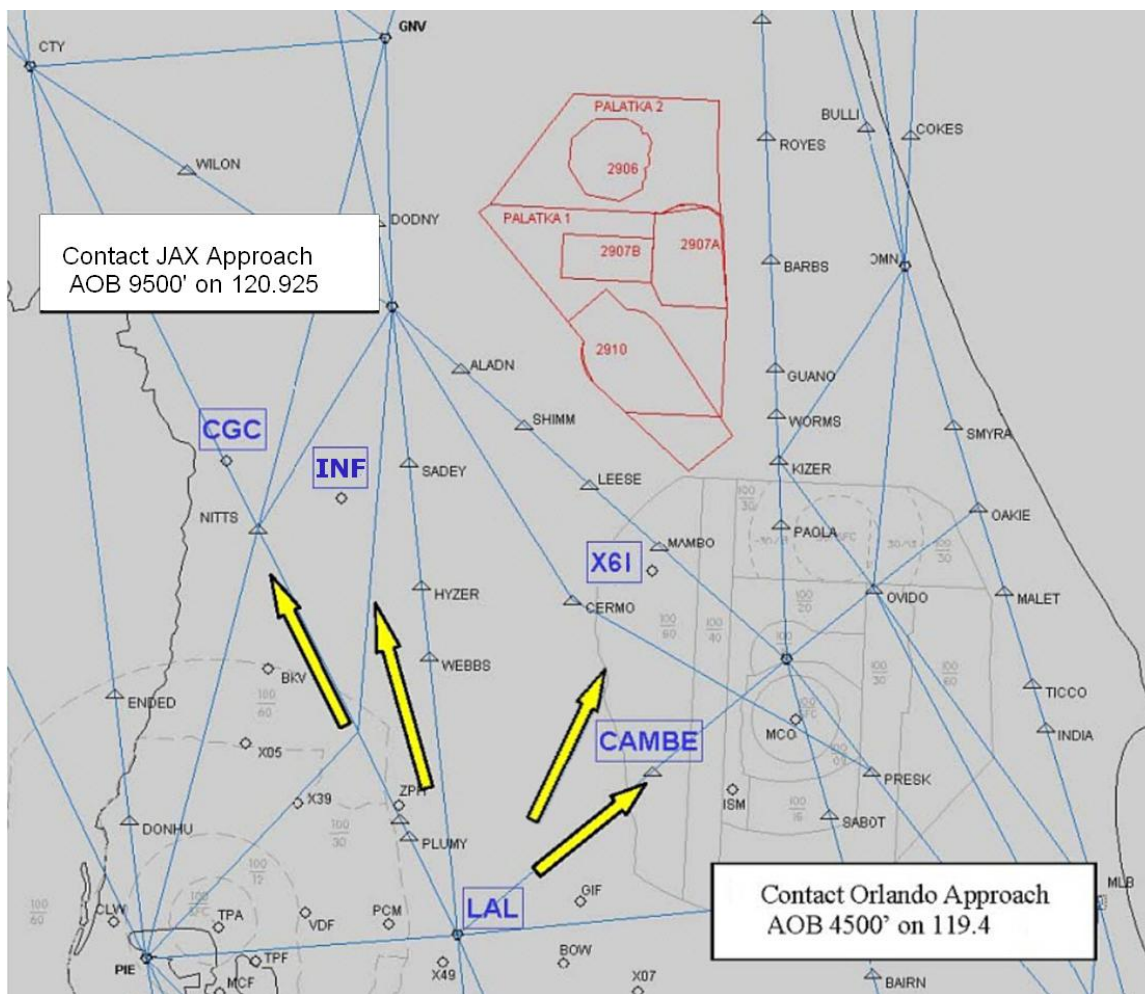
IMPORTANT- When weather at Lakeland or along your route of flight is MARGINAL VFR, it is STRONGLY suggested that you FILE IFR off your departure airport and receive your IFR clearance/departure release ON THE GROUND. Tampa, Orlando, and Jacksonville Approaches may not be able to issue IFR pick-up clearances due to traffic volume and complexity.

Destinations to the Northeast and East coast through Orlando Approach: Orlando Approach is unable to retrieve flight plan information or activate IFR clearances for aircraft requesting an IFR pick up that file off the Lakeland area airports. Aircraft departing VFR from the LAL area destined to the east coast or northeast must file a flight plan showing **CAMBE** intersection or **X61** (Bob White Airport) as their departure point in order to receive airborne IFR clearance. Enter **AIRFILE** or **IFR PICK UP** in the remarks section of the flight plan. MONITOR first then contact Orlando Approach at or below 4,500 feet on 119.4. Remain clear of Orlando Class B airspace.

Destinations to the North or Northwest through Jacksonville Approach: Jacksonville Approach is unable to retrieve flight plan information or activate IFR clearances for aircraft requesting an IFR pick up that file off the Lakeland area airports. Aircraft departing VFR from the LAL area destined to the north or northwest must file a flight plan showing either **CGC** (Crystal River Airport) or **INF** (Inverness Airport) as their departure point in order to receive airborne IFR clearance. Enter **AIRFILE** or **IFR PICK UP** in the remarks section of the flight plan. Approximately ten (10) miles south of CGC/INF, MONITOR first then contact Jacksonville Approach at or below 9,500 feet on 120.925.

Departing from a Lakeland area airport through Tampa Approach: Tampa Approach may be unable to issue an IFR pick up clearance due to heavy traffic volume if you depart VFR from one of the Lakeland area airports. Due to anticipated frequency congestion, aircraft not complying with these procedures should NOT expect to receive airborne IFR pickup clearance or VFR flight following until NORTH OF THE FLORIDA/GEORGIA BORDER.

IFR PICK UP/VFR FLIGHT FOLLOWING (Continued)

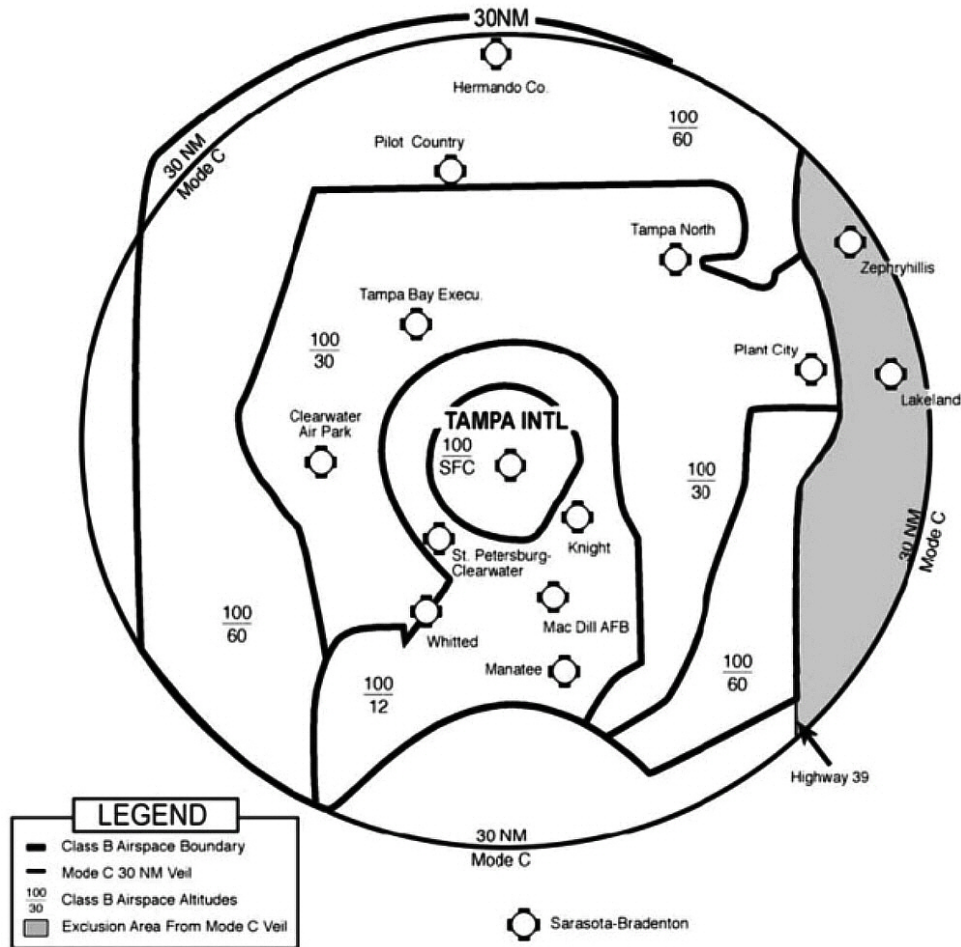


DO NOT USE FOR NAVIGATION: NOT TO SCALE

REQUESTS TO DEVIATE FROM MODE C TRANSPONDER REQUIREMENT

TAMPA AREA

TAMPA CLASS B MODE C VEIL (DO NOT USE FOR NAVIGATION – NOT TO SCALE)



Operators of aircraft not equipped with Mode C transponders may operate within the Tampa Class B Mode C veil to attend the Sun 'n Fun Fly-In at Lakeland Linder Regional Airport along the following ATC-designated route:

At and below 2,500 FT MSL east of Highway 39.

Remain outside of the lateral boundary of the Tampa Class B airspace.

Aircraft must follow the Lakeland Linder Regional Airport arrival and departure procedures.

CAUTION: This notice does not constitute authorization to enter the Tampa Class B airspace.

REQUESTS TO DEVIATE FROM MODE C TRANSPONDER REQUIREMENT

ORLANDO AREA

ORLANDO CLASS B MODE C VEIL (DO NOT USE FOR NAVIGATION – NOT TO SCALE)

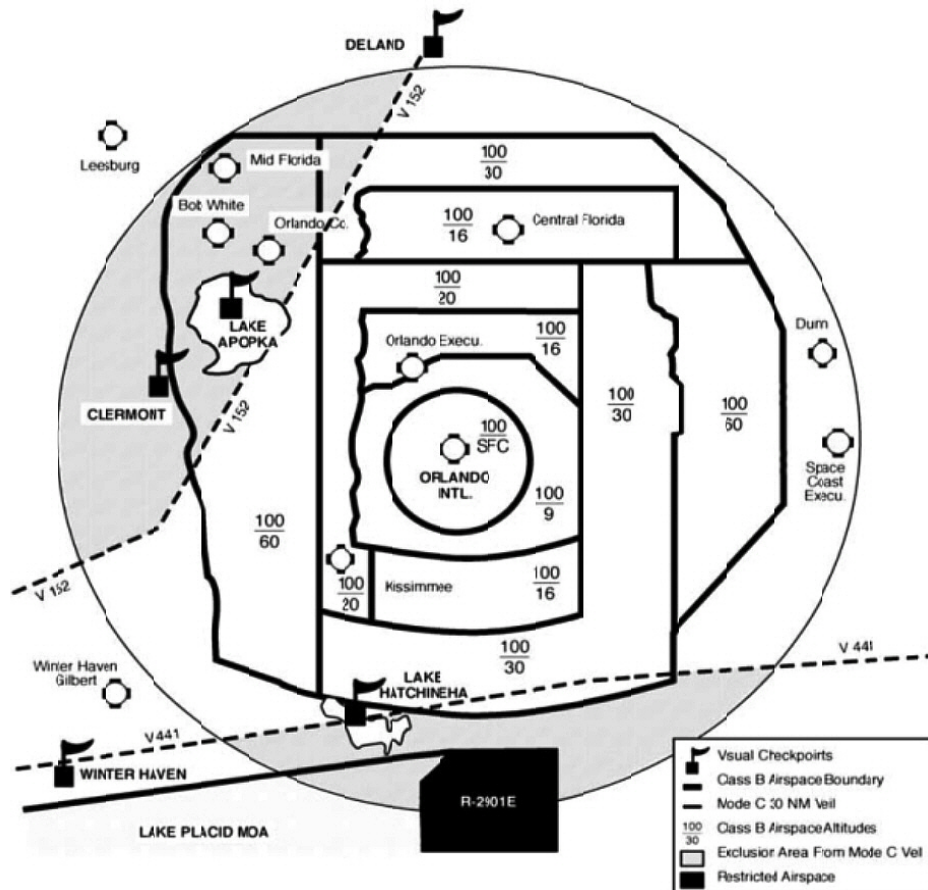
Operators of aircraft not equipped with Mode C transponders may operate within the Orlando Class B Mode C veil to attend the Sun 'n Fun Fly-In at Lakeland Linder Regional Airport along the following ATC-designated routes:

Northwest portion of Orlando Class B:

At or below 2,500 FT MSL along a route that passes over the city of Deland, Lake Apopka, and the City of Clermont. Remain northwest of V152.

Southern portion of Orlando Class B:

At or below 2,500 FT MSL south of V441 along a route over the center of Lake Hatchineha and east of the City of Winter Haven. Remain outside of the lateral boundaries of the Orlando Class B airspace and outside R-2901E.



CAUTION: This notice does not constitute authorization to enter the Tampa Class B airspace.

REQUESTS TO DEVIATE FROM MODE C TRANSPONDER REQUIREMENT *(Continued)*

EXCEPTIONS

Per 14 CFR 91.215, aircraft without electrical systems, balloons, and gliders are exempt from the Mode C transponder requirement when operating within the Orlando and Tampa Mode C veil. ATC authorization to deviate from transponder requirement is not required.

OTHER REQUESTS FOR AUTHORIZATIONS ORLANDO APPROACH

Requests to operate along other than the routes specified above must be submitted to the Orlando TRACON in accordance with 14 CFR 91.215. Such requests will not be considered approved without the express written authorization signed by the Orlando Manager or designee.

Operations conducted in accordance with the procedures outlined in this notice must remain outside the Orlando Class B airspace unless otherwise authorized by Orlando TRACON.

FLIGHT SERVICE STATION INFORMATION

Pilot briefing and flight planning services are available online through the Leidos Pilot Portal at <https://www.1800wxbrief.com/Website/> or by contacting Leidos Flight Service at 1-800-WX-BRIEF (1-800-992-7433).

INBOUND VFR FLIGHT PLANS

Filing flight plans:

Pilots should allow for unexpected delays and add an additional 30 minutes when filing their ETE.

Pilots should ensure the color of their aircraft is included in the remarks section of their VFR flight plan.

Pilots are requested to close their flight plans while airborne. Due to the large number of aircraft, pilots may encounter up to a 30-minute delay in parking their aircraft.

Contacting Flight Service by Radio:

On initial call-up, advise flight service of your full aircraft identification and which frequency you are using.

When transmitting on 122.1 and listening to the VOR, remember to check that volume is up.

Due to frequency congestion, air files and in-flight full route weather briefings are discouraged.

REMEMBER TO CLOSE YOUR VFR FLIGHT PLANS

PLANT CITY (PCM) AIRPORT

In response to increased air traffic at Plant City Airport (PCM) during the Lakeland Sun 'n' Fun Fly-In, the following procedures will be used to enhance safety and minimize air traffic delays.

A Temporary Air Traffic Control Tower will be in operation on the following dates/times:

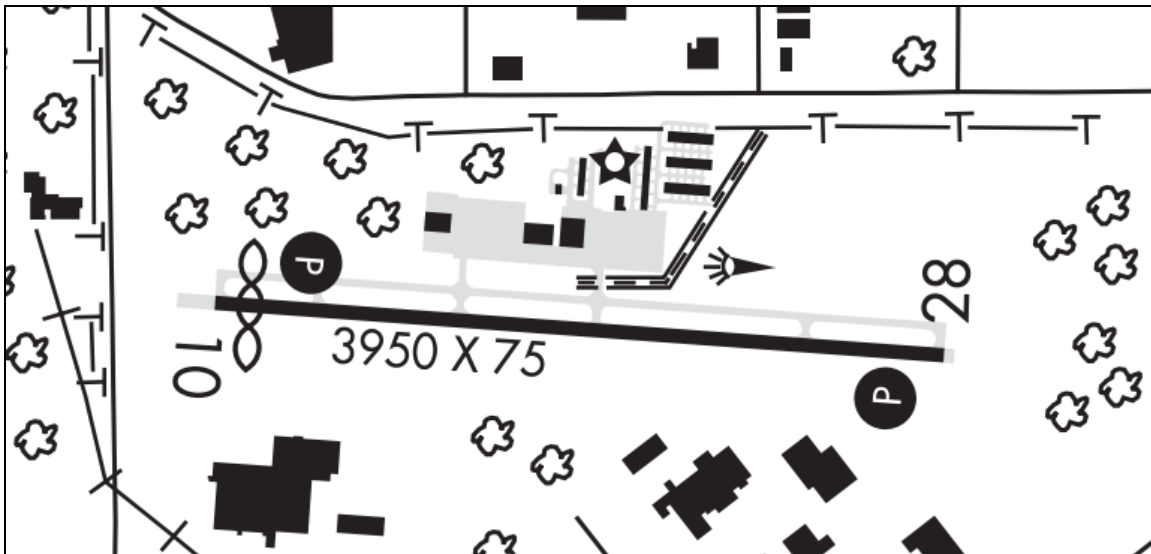
DATES	HOURS EDT	HOURS UTC
Tuesday, April 04	0900-1400	1300-1800
Wednesday, April 05– Saturday, April 08	0900-1800	1300-2200
Sunday, April 09	0900-1200	1300-1600

Plant City Tower airspace will be in effect from the surface to 1,600 FT MSL, within a three (3) nautical mile radius of the Plant City Municipal Airport.

PCM ATCT FREQUENCIES	
Tower	127.6
Unicom	123.05
CTAF (when Tower closed)	123.05

Traffic pattern will be left traffic for RWY 10 or RWY 28 unless otherwise advised by ATC. Plan to approach the airport from the north or south to avoid Tampa Class B airspace and Lakeland high-density traffic.

Unless otherwise advised by ATC, departures turn north or south one (1) mile after takeoff to avoid Tampa Class B airspace and Lakeland high-density traffic



SUN 'N FUN FREQUENCIES

LAKELAND AREA			
Lakeland Arrival ATIS	128.575	Lakeland Departure ATIS	118.025
Lake Parker Arrival	124.5	Sun 'n Fun Ground Advisory	126.075
Lakeland Ground Control	121.4	Lakeland IFR Ground Control	124.15
Lakeland Helicopter	123.025	Lakeland VOR	116.0
Warbird Parking Advisory	125.025	Lakeland UHF	236.775
Lakeland Tower North	135.225	Lakeland Tower South	118.35
RWY 9L/27R Departure Monitor	133.125	RWY 9R/27L Departure Monitor	127.850
Paradise City Advisory	123.625		
TAMPA (TPA) APPROACH		PLANT CITY (PCM) AIRPORT	
E of Tampa SFC-4,000'	119.9	Tower	127.6
E of Tampa 4,500'-12,000'	135.5	Unicom	123.05
W of Tampa SFC-4,000'	125.3	CTAF (When tower closed)	123.05
W of Tampa 4,500'-12,000'	118.8		
SRQ Area SFC-4,000'	119.65		
SRQ Area 4,500'-12,000'	134.25	DAYTONA (DAB) APPROACH	
Tampa Tower	119.5	N of Daytona SFC-3,500'	125.8
LAL IFR Arrivals Cancelling	120.65	N of Daytona 4,000'-11,000'	118.85
		SW of Daytona SFC-3,500'	126.55
ORLANDO (F11) APPROACH		SSE of Daytona SFC-3,500'	125.35
CAMBE int. 4,500' & Below	119.4	S of Daytona 4,000'-11,000'	127.07
N of Orlando	121.1		
SE of Orlando	119.77	JACKSONVILLE (ZJX) ARTCC	
		TAY Surface & Above	125.37
JACKSONVILLE (JAX) APPROACH		CTY Area 10,500' & Above	128.05
Vicinity of GNV – 28J - PGD		OCF Area 10,500' & Above	133.325
SFC to 6,000	118.17		
6,500 to 10,000	121.3	MIAMI (ZMA) ARTCC	
Vicinity of X60 – OCF - LEE		S of Lakeland 9,000' & Below	134.55
SFC to 6,000	118.6	S of Lakeland 10,000' & Above	127.2
6,500 to 10,000	128.67	SRQ Area 13,000' & Above	132.35
VFR Following/IFR Pick-up	120.925	LBV Area	132.45
OTHER FLIGHT SERVICE (AFSS)			
BKV	122.3	ORL	123.65
FT DRUM	122.2	PGD	122.025
LAL (receive)	116.0	PIE	122.45
LAL (transmit)	122.1	PIE	123.6
MLB	122.6	SEF	122.25
OMN	122.4	SRQ (receive)	117.0
OMN (receive)	112.6	SRQ (transmit)	122.1
OMN (transmit)	122.1	TIX	123.6
ORL	122.65	VRB	122.5

JANUARY – 2018							FEBRUARY – 2018							MARCH – 2018						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3					1	2	3
7	8	9	10	11	12	13	4	5	6	7	8	9	10	4	5	6	7	8	9	10
14	15	16	17	18	19	20	11	12	13	14	15	16	17	11	12	13	14	15	16	17
21	22	23	24	25	26	27	18	19	20	21	22	23	24	18	19	20	21	22	23	24
28	29	30	31				25	26	27	28				25	26	27	28	29	30	31
APRIL – 2018							MAY – 2018							JUNE – 2018						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7			1	2	3	4	5						1	2
8	9	10	11	12	13	14	6	7	8	9	10	11	12	3	4	5	6	7	8	9
15	16	17	18	19	20	21	13	14	15	16	17	18	19	10	11	12	13	14	15	16
22	23	24	25	26	27	28	20	21	22	23	24	25	26	17	18	19	20	21	22	23
29	30						27	28	29	30	31			24	25	26	27	28	29	30
JULY – 2018							AUGUST – 2018							SEPTEMBER – 2018						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28	29	30	31		23	24	25	26	27	28	29
														30						
OCTOBER – 2018							NOVEMBER – 2018							DECEMBER – 2018						
SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
														30	31					

 = Cutoff dates for submitting NOTAMs to AJV-21 for next publication. (Twenty-three (23) days before effective date.)

 = Effective dates and cutoff dates for submitting information to the Publications Staff, AJV-8 for next publication. (Twenty-eight (28) days before next effective date.)

**U.S. Department
of Transportation
Federal Aviation
Administration
800 Independence Ave., S.W.
Washington, DC 20591**

**Critical to
Flying
Safety**

**Flight Information Publication
*Notices to Airmen***