U.S. Department
of Transportation

800 Independence Ave., S.W.
Washington, D.C. 20591

**Federal Aviation
Administration**

Transmittal Letter 14-25 **October 24, 2014**

**PREPARED BY THE PRODUCT SUPPORT GROUP, AJV-34
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

The enclosed Standard Instrument Approach Procedures, Departure Procedures/Takeoff Minimums and Fix Actions are effective as indicated.

The following procedures, previously published in TL 14-22, effective November 13, 2014 have been rescinded in their entirety.

South Haven, MI, South Haven Area Rgnl, RNAV (GPS) RWY 5, Amdt 1B
South Haven, MI, South Haven Area Rgnl, RNAV (GPS) RWY 23, Amdt 1B

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30986; Amdt. No. 3615]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This rule establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the

Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination-

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located;

3. The National Flight Procedures Office, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability- All SIAPs and Takeoff Minimums and ODPs are available online free of charge. Visit http://www.nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2. The FAA Regional Office of the region in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, 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 rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or revoking SIAPS, Takeoff Minimums and/or ODPS. The complete regulators description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part 97.20. The applicable FAA Forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The large number of SIAPs, Takeoff Minimums and ODPs, in addition to their complex nature and the need for a special format make publication in the Federal Register expensive and impractical. Furthermore, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead refer to their depiction on charts printed by publishers of aeronautical materials. The advantages of incorporation by reference are realized and publication of the complete description of each SIAP, Takeoff Minimums and ODP listed on FAA forms is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs and the effective dates of the, associated Takeoff Minimums and ODPs. This amendment also identifies the airport and its location, the procedure, and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as contained in the transmittal. Some SIAP and Takeoff Minimums and textual ODP amendments may have been issued previously by the FAA in a Flight Data Center (FDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPS and Takeoff Minimums and ODPS, an effective date at least 30 days after publication is provided.

Further, the SIAPs and Takeoff Minimums and ODPS contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPS and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedures before adopting these SIAPS, Takeoff Minimums and ODPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs 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 97:

Air Traffic Control, Airports, Incorporation by reference, and Navigation (Air).

Issued in Washington, DC on OCTOBER 24, 2014.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and/or Takeoff Minimums and/or Obstacle Departure Procedures effective at 0902 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 11 DECEMBER 2014

Louisville, KY, Louisville Intl-Standiford Field, RNAV (GPS) Y RWY 35R, Amdt 1B
Louisville, KY, Louisville Intl-Standiford Field, RNAV (RNP) Z RWY 35R, Orig-B
Starkville, MS, Oktibbeha, RNAV (GPS)-A, Orig
Starkville, MS, Oktibbeha, VOR OR GPS-B, Amdt 6A, CANCELED
Le Roy, NY, Le Roy, RNAV (GPS) RWY 28, Orig-A

Effective 8 JANUARY 2015

Anchorage, AK, Ted Stevens Anchorage Intl, ILS OR LOC/DME RWY 7L, ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II), Amdt 4
Anchorage, AK, Ted Stevens Anchorage Intl, ILS OR LOC/DME RWY 7R, ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II), ILS RWY 7R (CAT III), Amdt 4
Hartselle, AL, Hartselle-Morgan County Regional, RNAV (GPS) RWY 18, Amdt 1
Hartselle, AL, Hartselle-Morgan County Regional, RNAV (GPS) RWY 36, Amdt 1
Rialto, CA, Rialto Muni /Miro Fld/, NDB OR GPS-A, Amdt 4, CANCELED
Rialto, CA, Rialto Muni /Miro Fld/, Takeoff Minimums and Obstacle DP, Amdt 3, CANCELED
Truckee, CA, Truckee-Tahoe, GPS RWY 19, Orig, CANCELED
Truckee, CA, Truckee-Tahoe, RNAV (GPS) RWY 11, Orig
Truckee, CA, Truckee-Tahoe, RNAV (GPS) Y RWY 20, Orig
Truckee, CA, Truckee-Tahoe, RNAV (GPS) Z RWY 20, Orig
Truckee, CA, Truckee-Tahoe, Takeoff Minimums and Obstacle DP, Amdt 5
Truckee, CA, Truckee-Tahoe, TRUCK FOUR, Graphic DP
Truckee, CA, Truckee-Tahoe, VOR/DME RNAV OR GPS-A, Amdt 5A, CANCELED
Bonifay, FL, Tri-County, NDB-A, Amdt 2, CANCELED
New Smyrna Beach, FL, New Smyrna Beach Muni, NDB RWY 29, Amdt 2A, CANCELED
St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, VOR/DME-B, Orig-A, CANCELED
Cornelia, GA, Habersham County, NDB RWY 6, Amdt 2, CANCELED
Creston, IA, Creston Muni, NDB RWY 34, Amdt 2A, CANCELED
Le Mars, IA, Le Mars Muni, VOR/DME RWY 36, Amdt 4A, CANCELED
Olathe, KS, Johnson County Executive, NDB-B, Amdt 3A, CANCELED
Lafayette, LA, Lafayette Rgnl, RNAV (GPS) RWY 29, Orig-B
New Roads, LA, False River Rgnl, LOC RWY 36, Amdt 1A
New Roads, LA, False River Rgnl, NDB RWY 36, Amdt 2A
New Roads, LA, False River Rgnl, RNAV (GPS) RWY 18, Orig-A
New Roads, LA, False River Rgnl, RNAV (GPS) RWY 36, Orig-A
New Roads, LA, False River Rgnl, VOR/DME-A, Amdt 4A
Opelousas, LA, St Landry Parish-Ahart Field, NDB RWY 18, Amdt 3A, CANCELED

Oakland, MD, Garrett County, RNAV (GPS) RWY 9, Amdt 2
Oakland, MD, Garrett County, RNAV (GPS) RWY 27, Amdt 2
Oakland, MD, Garrett County, VOR/DME RWY 9, Orig
Oakland, MD, Garrett County, VOR RWY 27, Amdt 5, CANCELED
Big Rapids, MI, Roben-Hood, GPS RWY 27, Orig-B, CANCELED
Big Rapids, MI, Roben-Hood, RNAV (GPS) RWY 27, Orig
Big Rapids, MI, Roben-Hood, Takeoff Minimums and Obstacle DP, Amdt 6
Big Rapids, MI, Roben-Hood, VOR/DME-A, Amdt 8
Detroit, MI, Willow Run, RNAV (GPS) RWY 5L, Amdt 1
Detroit, MI, Willow Run, RNAV (GPS) RWY 9, Amdt 2
Ray, MI, Ray Community, RNAV (GPS)-A, Orig
Ray, MI, Ray Community, Takeoff Minimums and Obstacle DP, Orig
Great Falls, MT, Great Falls Intl, RNAV (GPS) Y RWY 21, Orig-B
Great Falls, MT, Great Falls Intl, RNAV (RNP) Z RWY 21, Orig-B
Great Falls, MT, Great Falls Intl, VOR RWY 21, Amdt 9C
Mount Olive, NC, Mount Olive Muni, RNAV (GPS) RWY 23, ORIG-A
Omaha, NE, Millard, NDB RWY 12, Amdt 10D, CANCELED
Sandusky, OH, Griffing-Sandusky, Takeoff Minimums and Obstacle DP, Amdt 2, CANCELED
Sandusky, OH, Griffing-Sandusky, VOR RWY 27, Amdt 7B, CANCELED
Sandusky, OH, Griffing-Sandusky, VOR/DME OR GPS RWY 27, Amdt 2B, CANCELED
Port Lavaca, TX, Calhoun County, RNAV (GPS) RWY 14, Amdt 2
Port Lavaca, TX, Calhoun County, RNAV (GPS) RWY 32, Orig
Richmond, VA, Richmond Intl, Takeoff Minimums and Obstacle DP, Amdt 2
Bremerton, WA, Bremerton National, RNAV (GPS) RWY 20, Amdt 1A
Crandon, WI, Crandon/Steve Conway Muni, RNAV (GPS) RWY 12, Orig
Crandon, WI, Crandon/Steve Conway Muni, RNAV (GPS) RWY 30, Orig
Crandon, WI, Crandon/Steve Conway Muni, Takeoff Minimums and Obstacle DP, Orig
Madison, WI, Dane County Rgnl-Truax Field, RNAV (GPS) RWY 18, Amdt 2C

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRBON (IAF)	PGSUS (FB)	354.79 / 8.29	4000
PGSUS (IF)	UPSCO (FB)	347.96 / 3.49	3000
UPSCO	PARCL (FB)	347.95 / 2.60	2400
PARCL (FAF)	HOSTO/2.70 NM TO RW35R (FB)	347.94 / 3.17	
HOSTO/2.70 NM TO RW35R	RW35R (MAP) (FO)	347.94 / 2.70	
RW35R (MAP)	1600 MSL	347.94	1600
1600 MSL	TORAC (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35R

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 DIRECT TORAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PGSUS
3. FAC: 347.94 FAF: PARCL DIST FAF TO MAP: 5.87 THLD: 5.87
4. MIN. ALT: PGSUS 4000, UPSCO 3000, PARCL 2400, HOSTO/2.70 NM TO RW35R 1360*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: PARCL 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 60.4 34:1 IS CLEAR
8. MSA FROM: RW35R 3600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 071.00 INBOUND.
CHART FAS OBST: 740 CTRL TWR 380933N/0854348W
CHART R-3704 A & B.
DISTANCE TO THLD FROM 200 HAT: 0.44 NM.
CHART VDP AT 1.43 MILES TO RW35R*
*LNAV ONLY.
WAAS CHANNEL # 70709
REFERENCE PATH ID: W35D
CHART CIRCLING ICON.
CHART ARRIVAL HOLDING AT BRBON: HOLD S, RT, 008.43 INBOUND, 4000.
LTP HAE: 110.4 M

MAG VAR: 3W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	680	2400	200	680	2400	200	680	2400	200	680	2400	200			
LNAV/VNAV DA	909	5000	429	909	5000	429	909	5000	429	909	5000	429			
LNAV MDA	1000	2400	520	1000	2400	520	1000	5000	520	1000	5000	520			
CIRCLING	1040	1	539	1140	1	639	1200	2	699	1440	3	939			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 54C (130F). @ CAT D 1000-3
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 501 TDZE: 480 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (GPS) Y RWY 35R, AMDT 1B 11 DECEMBER 2014	AMDT: 1A DATED 11/13/2014

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NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: NIGHT LANDING: RWY 11 NA.
CHART PLANVIEW NOTE: ARRIVAL HOLDING NOT REQUIRED AT BRBON ON V5-513 NORTHBOUND.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOUISVILLE, KY	**ELEVATION: 501** **TDZE: 480** AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (GPS) Y RWY 35R, AMDT 1B** 11 DECEMBER 2014	SUP: AMDT: **1A** DATED: **11/13/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSDF
RUNWAY	RW35R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35D
LTP/FTP LATITUDE	380956.6900N
LTP/FTP LONGITUDE	0854326.3320W
LTP/FTP ELLIPSOIDAL HEIGHT	+01104
FPAP LATITUDE	381122.8200N
FPAP LONGITUDE	0854355.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00060.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0272
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E830916E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01437
FPAP ORTHOMETRIC HEIGHT	+01437

QUALITY 9 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRBON K50    C   L N37500994W085380033                    W0047     NAR           BRBON
        SUSAEAENRT   HOSTO K50    C     N38072011W085423293                    W0047     NAR           HOSTO
        SUSAEAENRT   PARCL K50    C     N38041647W085413038                    W0047     NAR           PARCL
        SUSAEAENRT   PGSUS K50    C     N37582303W085393025                    W0047     NAR           PGSUS
        SUSAEAENRT   TORAC K50    C     N38193511W085223361                    W0050     NAR           TORAC
        SUSAEAENRT   UPSCO K50    C     N38014569W085403909                    W0047     NAR           UPSCO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5ASDF     0     118YHN38102671W085441140W003000501         1800018000C    MNAR    LOUISVILLE INTL-STANDIFORD FIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5FR35RY ABRBON 010BRBONK5EA0E  C    IF                                          18000                A JS
        SUSAP KSDFK5FR35RY ABRBON 020PGSUSK5EA0EE B 010TF                    35480083    + 04000                      A JS
        SUSAP KSDFK5FR35RY R      010PGSUSK5EA0E  I    IF                               + 04000     18000            A JS
        SUSAP KSDFK5FR35RY R      011UPSCOK5EA0E S  051TF                    34800035    + 03000                      A JS
        SUSAP KSDFK5FR35RY R      020PARCLK5EA1E  F 051TF                    34800026    + 02400                RW35R K5PGA JS
        SUSAP KSDFK5FR35RY R      020PARCLK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KSDFK5FR35RY R      021HOSTOK5EA0E S  031TF                    34790032    V 0136001391        -300   A JS
        SUSAP KSDFK5FR35RY R      030RW35RK5PG0GY M 031TF                    34790027      00532             -300   A JS
        SUSAP KSDFK5FR35RY R      040         0  M     CA                    3479        + 01600                      A JS
        SUSAP KSDFK5FR35RY R      050TORACK5EA0EY  R   DF                               + 04000                      A JS
        SUSAP KSDFK5FR35RY R      060TORACK5EA0EE  L   HM                    07100040    + 04000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5GRW35R   0085783479 N38095669W085432633+0300    +011040047204496015OIIJJM3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5PR35RY RW35R001Y0000W35D0N3809566900W08543263320+011040300N3811228200W085435574001067502720006O4F400350E830916E
        SUSAP KSDFK5PR35RY RW35R002E      +01437+01437LPV       70709

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **501** **TDZE: 480**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (GPS) Y RWY 35R, AMDT 1B** 11 DECEMBER 2014	AMDT: **1A**
				DATED: **11/13/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KSDFK5SRW35RK5PG          0   18018003625                                  M
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QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **501** TDZE: **480**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (GPS) Y RWY 35R, AMDT 1B** 11 DECEMBER 2014	AMDT: **1A**
				DATED: **11/13/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRBON	BRBON	010	IAF	IF		FB					
	BRBON	PGSUS	020		TF		FB	1.0	354.8(351.8T)	008.3	AA 04000	
		PGSUS	010	FACF	IF		FB				AA 04000	
		UPSCO	011	SDF	TF		FB	0.5	348.0(345.0T)	003.5	AA 03000	
		PARCL	020	FAF	TF		FB	0.5	348.0(345.0T)	002.6	AA 02400	
		HOSTO	021	SDF	TF		FB	0.3	347.9(344.9T)	003.2	AA 01360 GS 01391	
		RW35R	030	MAP	TF		FO	0.3	347.9(344.9T)	002.7	AT 00532	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		347.9(344.9T)		AA 01600	
	TORAC	050		DF	R	FO				AA 04000	
	TORAC	060		HM	L	FO		071.0(068.0T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRBON	N375009.94	W0853800.33	N3750.166	W08538.006
	HOSTO	N380720.11	W0854232.93	N3807.335	W08542.549
	PARCL	N380416.47	W0854130.38	N3804.275	W08541.506
	PGSUS	N375823.03	W0853930.25	N3758.384	W08539.504
	TORAC	N381935.11	W0852233.61	N3819.585	W08522.560
	UPSCO	N380145.69	W0854039.09	N3801.762	W08540.652
	RW35R	N380956.69	W0854326.33	N3809.945	W08543.439

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35R	00472	60

CITY AND STATE	ELEVATION: **501** **TDZE: 480**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (GPS) Y RWY 35R, AMDT 1B** 11 DECEMBER 2014	AMDT: **1A**
				DATED: **11/13/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRBON (IAF)	PGSUS (TF) (FB) (RNP 1.00)	354.79 / 8.29	4000
PGSUS (IF)	UPSCO (TF) (FB) (RNP 1.00)	347.96 / 3.49	3000
STUGZ (IF)	BNETT (TF) (FB) (RNP 1.00)	171.16 / 2.88	5000
TUPAY (IF)	GETTA (TF) (FB) (RNP 1.00)	168.00 / 3.00	4000
DIGRR (IF)	CATEK (TF) (FB) (RNP 1.00)	107.36 / 4.30	3900
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 DIRECT TORAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PARCL
3. FAC: 347.94 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: PARCL 2400
5. DIST TO THLD FROM OM: 5.87 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: PARCL 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 60.4# 34:1 IS CLEAR
8. MSA FROM: RW35R 3600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 071.00 INBOUND.
CHART FAS OBST: 544 TREE 380924N/0854308W
CHART FAS OBST: 589 COMMUNICATION TWR 380913N/0854226W
CHART R3704 A.
CHART R3704 B.
DISTANCE TO THLD FROM 315 HAT: 0.80 NM.
CHART MANDATORY 4000 AT GETTA.
CHART MANDATORY 5000 AT BNETT.
ROUTE TYPE QUALIFIER 2: S
ROUTE TYPE: A, H
CHART MINIMUM 4000 AT TUPAY AND BRBON.
#TCH 531.9 MSL (DO NOT CHART).
ROUTE TYPE QUALIFIER 1: F
CHART MINIMUM 5000 AT STUGZ AND DIGRR.

MAG VAR: 3W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.12 DA	795	2600	315	795	2600	315	795	2600	315	795	2600	315			
RNP 0.30 DA	951	5500	471	951	5500	471	951	5500	471	951	5500	471			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 54C (130F).
CHART NOTE: GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.12 ALL CATS VISIBILITY TO RVR 5000 AND (SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 501 TDZE: 480 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (RNP) Z RWY 35R, ORIG-B 11 DECEMBER 2014	AMDT: ORIG-A DATED 11/13/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BNETT	CATEK (RF) (FB) (RNP 1.00)	(2.76 NM RADIUS CCW (CFBFM))/3.07	3900
CATEK	DICAP (RF) (FB) (RNP 1.00)	(2.76 NM RADIUS CCW (CFBFM))/2.02	3300
GETTA	HALVO (RF) (FB) (RNP 1.00)	(2.52 NM RADIUS CW (CFBGM))/3.96	3200
DICAP	ECITO (TF) (FB) (RNP 1.00)	065.41 / .81	3100
UPSCO	PARCL (TF) (FB) (RNP 1.00)	347.95 / 2.60	2400
ECITO	PARCL (RF) (FB) (RNP 1.00)	(2.36 NM RADIUS CCW (CFBFN))/3.20	2400
HALVO	PARCL (RF) (FB) (RNP 1.00)	(2.52 NM RADIUS CW (CFBFP))/3.96	2400
PARCL (FAF)	RW35R (MAP) (TF) (FO)	347.94 / 5.87	
RW35R (MAP)	1600 MSL	347.94	1600
1600 MSL	TORAC (DF) (FO)		4000

NOTES, (CONT.):
RNP 0.30 ALL CATS VISIBILITY TO 1 3/4.
CHART PLANVIEW NOTE ADJACENT TO DIGRR IAF: RADAR REQUIRED.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE ADJACENT TO TUPAY IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO STUGZ IF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO DIGRR IF: RF REQUIRED.
CHART PLANVIEW NOTE AT GETTA: MAX 205 KIAS.
CHART PLANVIEW NOTE AT DIGRR: MAX 210 KIAS.
CHART PLANVIEW NOTE AT STUGZ: MAX 210 KIAS.
CHART PLANVIEW NOTE AT TUPAY: MAX 210 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRBON ON V5-513 SOUTHBOUND.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L, EXCEPT FOR ARRIVALS AT DIGRR, TUPAY, AND STUGZ.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 501 TDZE: 480	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FIELD	RNAV	RNAV (RNP) Z RWY 35R, ORIG-B 11 DECEMBER 2014	AMDT: ORIG-A
				DATED: 11/13/2014

ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRBON K50    C   L N37500994W085380033                      W0047     NAR           BRBON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5ASDF     0     118YHN38102671W085441140W003000501         1800018000C    MNAR    LOUISVILLE INTL-STANDIFORD FIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5CBNETT K50    W     N38030400W085485763                      W0046     NAR           BNETT
        SUSAP KSDFK5CCATEK K50    W     N38005747W085462458                      W0046     NAR           CATEK
        SUSAP KSDFK5CCFBFM K50    A     N38033804W085453243                      W0046     NAR           CNF(CFBFM)
        SUSAP KSDFK5CCFBFN K50    A     N38033955W085442377                      W0046     NAR           CNF(CFBFN)
        SUSAP KSDFK5CCFBFP K50    A     N38045576W085382545                      W0047     NAR           CNF(CFBFP)
        SUSAP KSDFK5CCFBGM K50    A     N38045581W085382550                      W0047     NAR           CNF(CFBGM)
        SUSAP KSDFK5CDICAP K50    W     N38011112W085435532                      W0046     NAR           DICAP
        SUSAP KSDFK5CDIGRR K50    W     N38020163W085514086                      W0045     NAR           DIGRR
        SUSAP KSDFK5CECITO K50    W     N38013372W085430065                      W0046     NAR           ECITO
        SUSAP KSDFK5CGETTA K50    W     N38053487W085352040                      W0048     NAR           GETTA
        SUSAP KSDFK5CHALVO K50    W     N38022955W085373588                      W0047     NAR           HALVO
        SUSAP KSDFK5CPARCL K50    C     N38041647W085413038                      W0047     NAR           PARCL
        SUSAP KSDFK5CPGSUS K50    C     N37582303W085393025                      W0047     NAR           PGSUS
        SUSAP KSDFK5CSTUGZ K50    W     N38055350W085494256                      W0046     NAR           STUGZ
        SUSAP KSDFK5CTORAC K50    C     N38193511W085223361                      W0050     NAR           TORAC
        SUSAP KSDFK5CTUPAY K50    W     N38082891W085361941                      W0047     NAR           TUPAY
        SUSAP KSDFK5CUPSCO K50    C     N38014569W085403909                      W0047     NAR           UPSCO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5FH35RZ ABRBON 010BRBONK5EA0E  A    IF                                + 04000     18000               A FS
        SUSAP KSDFK5FH35RZ ABRBON 020PGSUSK5PC0E  B 010TF                                + 04000                         A FS
        SUSAP KSDFK5FH35RZ ABRBON 030UPSCOK5PC0E    010TF                                + 03000                         A FS
        SUSAP KSDFK5FH35RZ ABRBON 040PARCLK5PC0EE   010TF                                + 02400                         A FS
        SUSAP KSDFK5FH35RZ ADIGRR 010DIGRRK5PC0E  B    IF                                + 05000     18000210            A-FS
        SUSAP KSDFK5FH35RZ ADIGRR 020CATEKK5PC0E    010TF                                + 03900                         A FS
        SUSAP KSDFK5FH35RZ ADIGRR 030DICAPK5PC0E   L010RF       0027601074    06540020    + 03300               CFBFM K5PCA FS
        SUSAP KSDFK5FH35RZ ADIGRR 040ECITOK5PC0E    010TF                                + 03100                         A FS
        SUSAP KSDFK5FH35RZ ADIGRR 050PARCLK5PC0EE  L010RF       0023600654    34790032    + 02400               CFBFN K5PCA FS
        SUSAP KSDFK5FH35RZ ASTUGZ 010STUGZK5PC0E  B    IF                                + 05000     18000210            A-FS
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QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **501** **TDZE: 480**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (RNP) Z RWY 35R, ORIG-B** 11 DECEMBER 2014	AMDT: **ORIG-A**
				DATED: **11/13/2014**

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SUSAP KSDFK5FH35RZ ASTUGZ 020BNETTK5PC0E    010TF                                    05000                          A FS
SUSAP KSDFK5FH35RZ ASTUGZ 030CATEKK5PC0E   L010RF       0027601712    10740031    + 03900                CFBFM K5PCA FS
SUSAP KSDFK5FH35RZ ASTUGZ 040DICAPK5PC0E   L010RF       0027601074    06540020    + 03300                CFBFM K5PCA FS
SUSAP KSDFK5FH35RZ ASTUGZ 050ECITOK5PC0E    010TF                                  + 03100                          A FS
SUSAP KSDFK5FH35RZ ASTUGZ 060PARCLK5PC0EE  L010RF       0023600654    34790032    + 02400                CFBFN K5PCA FS
SUSAP KSDFK5FH35RZ ATUPAY 010TUPAYK5PC0E  B    IF                                  + 04000     18000210           A-FS
SUSAP KSDFK5FH35RZ ATUPAY 020GETTAK5PC0E    010TF                                    04000          205          A-FS
SUSAP KSDFK5FH35RZ ATUPAY 030HALVOK5PC0E   R010RF       0025201680    25800040    + 03200                CFBGM K5PCA FS
SUSAP KSDFK5FH35RZ ATUPAY 040PARCLK5PC0EE  R010RF       0025202580    34790040    + 02400                CFBFP K5PCA FS
SUSAP KSDFK5FH35RZ H      020PARCLK5PC1E  F    IF                                  + 02400     18000      RW35R K5PGA FS
SUSAP KSDFK5FH35RZ H      020PARCLK5PC2W                                               A031A122                    FS
SUSAP KSDFK5FH35RZ H      030RW35RK5PG0GY M 031TF                                    00532             -300          A FS
SUSAP KSDFK5FH35RZ H      040         0  M     CA                        3479       + 01600                          A FS
SUSAP KSDFK5FH35RZ H      050TORACK5PC0EY      DF                                  + 04000                          A FS
SUSAP KSDFK5FH35RZ H      060TORACK5PC0EE  L   HM                        07100040    + 04000                          A FS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5GRW35R   0085783479 N38095669W085432633+0300    +011040047204496115OIIJJM3

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5SRW35RK5PG               0   18018003625                                                                    M
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QUALITY 15 CHECKED

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRBON	BRBON	010	IAF	IF		FB				AA 04000	
	BRBON	PGSUS	020		TF		FB	1.0			AA 04000	
	BRBON	UPSCO	030		TF		FB	1.0			AA 03000	
	BRBON	PARCL	040		TF		FB	1.0			AA 02400	
	DIGRR	DIGRR	010		IF		FB				AA 05000	AB 210
	DIGRR	CATEK	020		TF		FB	1.0			AA 03900	
	DIGRR	DICAP	030		RF	L	FB	1.0		002.0	AA 03300	
	DIGRR	ECITO	040		TF		FB	1.0			AA 03100	
	DIGRR	PARCL	050		RF	L	FB	1.0		003.2	AA 02400	
	STUGZ	STUGZ	010		IF		FB				AA 05000	AB 210
	STUGZ	BNETT	020		TF		FB	1.0			AT 05000	
	STUGZ	CATEK	030		RF	L	FB	1.0		003.1	AA 03900	
	STUGZ	DICAP	040		RF	L	FB	1.0		002.0	AA 03300	
	STUGZ	ECITO	050		TF		FB	1.0			AA 03100	
	STUGZ	PARCL	060		RF	L	FB	1.0		003.2	AA 02400	
	TUPAY	TUPAY	010		IF		FB				AA 04000	AB 210
	TUPAY	GETTA	020		TF		FB	1.0			AT 04000	AB 205
	TUPAY	HALVO	030		RF	R	FB	1.0		004.0	AA 03200	
	TUPAY	PARCL	040		RF	R	FB	1.0		004.0	AA 02400	
		PARCL	020	FAF	IF		FB				AA 02400	
		RW35R	030	MAP	TF		FO	0.3			AT 00532	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		347.9(344.9T)		AA 01600	
	TORAC	050		DF		FO				AA 04000	
	TORAC	060		HM	L	FO		071.0(068.0T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRBON	N375009.94	W0853800.33	N3750.166	W08538.006
	BNETT	N380304.00	W0854857.63	N3803.067	W08548.961
	CATEK	N380057.47	W0854624.58	N3800.958	W08546.410
	CFBFM	N380338.04	W0854532.43	N3803.634	W08545.541
	CFBFN	N380339.55	W0854423.77	N3803.659	W08544.396
	CFBFP	N380455.76	W0853825.45	N3804.929	W08538.424
	CFBGM	N380455.81	W0853825.50	N3804.930	W08538.425
	DICAP	N380111.12	W0854355.32	N3801.185	W08543.922
	DIGRR	N380201.63	W0855140.86	N3802.027	W08551.681
	ECITO	N380133.72	W0854300.65	N3801.562	W08543.011
	GETTA	N380534.87	W0853520.40	N3805.581	W08535.340
	HALVO	N380229.55	W0853735.88	N3802.493	W08537.598

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **501** **TDZE: 480**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (RNP) Z RWY 35R, ORIG-B** 11 DECEMBER 2014	AMDT: **ORIG-A**
				DATED: **11/13/2014**

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PARCL	N380416.47	W0854130.38	N3804.275	W08541.506
PGSUS	N375823.03	W0853930.25	N3758.384	W08539.504
STUGZ	N380553.50	W0854942.56	N3805.892	W08549.709
TORAC	N381935.11	W0852233.61	N3819.585	W08522.560
TUPAY	N380828.91	W0853619.41	N3808.482	W08536.324
UPSCO	N380145.69	W0854039.09	N3801.762	W08540.652
RW35R	N380956.69	W0854326.33	N3809.945	W08543.439

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW35R	00472	61

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	ELEVATION: **501** **TDZE: 480** AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FIELD**	**RNAV**	**RNAV (RNP) Z RWY 35R, ORIG-B** 11 DECEMBER 2014	AMDT: **ORIG-A** DATED: **11/13/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOSLO (IF/IAF)	WULEN (FB)	139.69 / 5.97	1800
WULEN (FAF)	WISID (MAP) (FO)	139.74 / 4.25	
WISID (MAP)	650 MSL	139.74	
650 MSL	ZOSLO (FO)		3500

MISSED APPROACH

LNAV: WISID

CLIMBING RIGHT TURN TO 3500 DIRECT ZOSLO AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 479 AAO 333236N/0884419W
CHART GOLDEN TRIANGLE AWOS-3.
CHART CIRCLING ICON.
CHART COLUMBUS MOA.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ZOSLO, RT, 139.69 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 139.74 FAF: WULEN DIST FAF TO MAP: 4.25 THLD:
4. MIN. ALT: ZOSLO 3500, WULEN 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 2E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	760	1	510	840	1	590		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE GOLDEN TRIANGLE RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE GEORGE M BRYAN ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 250 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STARKVILLE, MS	OKTIBBEHA	RNAV	RNAV (GPS)-A, ORIG 11 DECEMBER 2014	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	050/30 CW 230/30 (NOPT)	ZOSLO (IF/IAF) (FB)	3500
2.	230/30 CW 050/30	ZOSLO (IF/IAF) (FO)	3500

QUALITY CHECKED

CITY AND STATE	ELEVATION: 250 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
STARKVILLE, MS	AIRPORT NAME: OKTIBBEHA	RNAV	RNAV (GPS)-A, ORIG 11 DECEMBER 2014	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   WISID K70    W     N33302553W088412610                    W0018     NAR           WISID
        SUSAEAENRT   WULEN K70    W     N33334639W088443517                    W0017     NAR           WULEN
        SUSAEAENRT   ZOSLO K70    W     N33382785W088490066                    W0017     NAR           ZOSLO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M51 K7AM51     0     026YSN33295164W088405312E002000250          1800018000C    MNAR    OKTIBBEHA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M51 K7FRNV-A AZOSLO 010ZOSLOK7EA0EE AR   HF                    13970040    + 03500     18000                B JC
        SUSAP M51 K7FRNV-A R      010ZOSLOK7EA0E  I    IF                                + 03500     18000                B JC
        SUSAP M51 K7FRNV-A R      020WULENK7EA0E  F 051TF                    13970060    + 01800                          B JC
        SUSAP M51 K7FRNV-A R      030WISIDK7EA0EY M 031TF                    13970043      00840               000        B JC
        SUSAP M51 K7FRNV-A R      040         0  M     CA                    1397        + 00650                          B JC
        SUSAP M51 K7FRNV-A R      050ZOSLOK7EA0EY  R   DF                              + 03500                          B JC
        SUSAP M51 K7FRNV-A R      060ZOSLOK7EA0EE  R   HM                    13970040    + 03500                          B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M51 K7GRW14    0026001398 N33300192W088410390+0000          00246000050150D
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 250 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STARKVILLE, MS	AIRPORT NAME: **OKTIBBEHA**	**RNAV**	**RNAV (GPS)-A, ORIG** 11 DECEMBER 2014	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZOSLO	ZOSLO	010	IAF	HF	R	FO		139.7(141.7T)	004.0	AA 03500	
		ZOSLO	010	FACF	IF		FB				AA 03500	
		WULEN	020	FAF	TF		FB	0.5	139.7(141.7T)	006.0	AA 01800	
		WISID	030	MAP	TF		FO	0.3	139.7(141.7T)	004.3	AT 00840	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		139.7(141.7T)		AA 00650	
	ZOSLO	050		DF	R	FO				AA 03500	
	ZOSLO	060		HM	R	FO		139.7(141.7T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WISID	N333025.53	W0884126.10	N3330.426	W08841.435
	WULEN	N333346.39	W0884435.17	N3333.773	W08844.586
	ZOSLO	N333827.85	W0884900.66	N3338.464	W08849.011
	RW14	N333001.92	W0884103.90	N3330.032	W08841.065

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00246	50

CHECKED

CITY AND STATE	ELEVATION: 250 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STARKVILLE, MS	OKTIBBEHA	RNAV	RNAV (GPS)-A, ORIG 11 DECEMBER 2014	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 11 DECEMBER 2014

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
STARKVILLE, MS	**ELEVATION: 250** **TDZE:** AIRPORT NAME: **OKTIBBEHA**	**IGB**	**VOR OR GPS-B, AMDT 6A, 04/23/1998**	SUP VOR-B AMDT 6 DATE 04/16/1981

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GEE VOR/DME (IAF)	BEYLA (FB)	001.70 / 6.67	2500
BEYLA (IF)	CUSUS (FB)	312.92 / 3.78	2200
CUSUS (FAF)	RW28 (MAP) (FO)	283.94 / 4.32	
RW28 (MAP)	1180 MSL	283.94	
1180 MSL	ZORPI (FO)		3000

MISSED APPROACH

LP: RW28
LNAV: RW28

CLIMB TO 3000 DIRECT ZORPI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 103.73 INBOUND.
CHART FAS OBST: 853 TREE 425845N/0775540W
FAS OBST: 920 AAO 425828N/0775021W
920 AAO 425828N/0775021W.
WAAS CHANNEL # 69330
REFERENCE PATH ID: W28A
LTP HAE: 202.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT BEYLA**
3. FAC: **283.94** FAF: **CUSUS** DIST FAF TO MAP: **4.32** THLD: **4.32**
4. MIN. ALT: **BEYLA 2500, CUSUS 2200**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW28 3600**

MAG VAR: **11W** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	**1180**	**1**	**402**	**1180**	**1**	**402**		**NA**			**NA**				
LNAV MDA	**1240**	**1**	**462**	**1240**	**1**	**462**		**NA**			**NA**				
CIRCLING	**1360**	**1**	**580**	**1360**	**1**	**580**		**NA**			**NA**				

NOTES:
CHART NOTE: USE GREATER ROCHESTER ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GEE VOR/DME AIRWAY RADIALS 287CW 018.
CHART NOTE: PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 780 TDZE: 778 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LE ROY, NY	**LE ROY**	**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 11 DECEMBER 2014	AMDT: **ORIG** DATED **09/20/2012**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PROFILE NOTE: DESCENT ANGLE NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LE ROY, NY	**ELEVATION: 780** **TDZE: 778** AIRPORT NAME: **LE ROY**	**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 11 DECEMBER 2014	AMDT: **ORIG** DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	5G0
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	425851.6625N
LTP/FTP LONGITUDE	0775541.0015W
LTP/FTP ELLIPSOIDAL HEIGHT	+02027
FPAP LATITUDE	425856.1000N
FPAP LONGITUDE	0775742.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1576
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	846B2891

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02372
FPAP ORTHOMETRIC HEIGHT	+02372

QUALITY 9 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GEE   K6010820VDL  N42500383W077435790    N42500383W077435790W0090009901     NARGENESEO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEYLA K60    W     N42563859W077452586                    W0114     NAR           BEYLA
        SUSAEAENRT   CUSUS K60    W     N42583852W077494822                    W0114     NAR           CUSUS
        SUSAEAENRT   ZORPI K60    W     N42591728W078073414                    W0112     NAR           ZORPI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5G0 K6A5G0     0     038YHN42585260W077560690W011000780         1800018000C    MNAR    LE ROY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5G0 K6FR28   AGEE   010GEE  K6D 0V  A    IF                                          18000                A JS
        SUSAP 5G0 K6FR28   AGEE   020BEYLAK6EA0EE B 010TF                    00170067    + 02500                      A JS
        SUSAP 5G0 K6FR28   R      010BEYLAK6EA0E  I    IF                                + 02500     18000            A JS
        SUSAP 5G0 K6FR28   R      020CUSUSK6EA1E  F 051TF                    31290038    + 02200                RW28  K6PGA JS
        SUSAP 5G0 K6FR28   R      020CUSUSK6EA2WALP        N          ALNAV                                             JS
        SUSAP 5G0 K6FR28   R      030RW28 K6PG0GY M 031TF                    28390043      01240            000          A JS
        SUSAP 5G0 K6FR28   R      040         0  M     CA                    2839        + 01180                      A JS
        SUSAP 5G0 K6FR28   R      050ZORPIK6EA0EY      DF                              + 03000                      A JS
        SUSAP 5G0 K6FR28   R      060ZORPIK6EA0EE  R   HM                    10370040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5G0 K6GRW28    0038542839 N42585166W077554100+0000    +0202700778000000060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5G0 K6PR28   RW28 001 0000W28A0N4258516625W07755410015+020270000N4258561000W077574223001067515760000000F400000846B2891
        SUSAP 5G0 K6PR28   RW28 002E      +02372+02372LP        69330

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **780** **TDZE: 778**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LE ROY, NY	AIRPORT NAME: **LE ROY**	**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 11 DECEMBER 2014	AMDT: **ORIG**
				DATED: **09/20/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP 5G0 K6SRW28 K6PG              0   18018003625                                  M
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 780 / TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LE ROY, NY	AIRPORT NAME: LE ROY	RNAV	RNAV (GPS) RWY 28, ORIG-A 11 DECEMBER 2014	AMDT: ORIG
				DATED: 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GEE	GEE	010	IAF	IF		FB					
	GEE	BEYLA	020		TF		FB	1.0	001.7(350.7T)	006.7	AA 02500	
		BEYLA	010	FACF	IF		FB				AA 02500	
		CUSUS	020	FAF	TF		FB	0.5	312.9(301.9T)	003.8	AA 02200	
		RW28	030	MAP	TF		FO	0.3	283.9(272.9T)	004.3	AT 01240	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		283.9(272.9T)		AA 01180	
	ZORPI	050		DF		FO				AA 03000	
	ZORPI	060		HM	R	FO		103.7(092.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEE	N425003.83	W0774357.90	N4250.064	W07743.965
	BEYLA	N425638.59	W0774525.86	N4256.643	W07745.431
	CUSUS	N425838.52	W0774948.22	N4258.642	W07749.804
	ZORPI	N425917.28	W0780734.14	N4259.288	W07807.569
	RW28	N425851.66	W0775541.00	N4258.861	W07755.683

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00778	00

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **780**	**TDZE: 778**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LE ROY, NY	AIRPORT NAME: **LE ROY**		**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 11 DECEMBER 2014	AMDT: **ORIG**
					DATED: **09/20/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TED VOR/DME	WEBBI/I-TGN 6.38 DME	254.06 / 5.87	1600
ENA VOR/DME (IAF)	AINKK/I-TGN 16.83 DME (NOPT)	011.38 / 38.72 (TED LR-245)	2000
AINKK/I-TGN 16.83 DME (IF)	WEBBI/I-TGN 6.38 DME	072.88 / 10.45 (I-TGN)	1600

MISSED APPROACH

ILS: DA
LOC: I-TGN 1.92 DME FIX

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 230 AND TED VOR/DME R-211 TO JUKEP/TED 15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 210.95 INBOUND.
CHART FAS OBST: 196 TREE 610956N/1500304W 394 AAO 610945N/1501042W.
CHART VDP AT 2.88 DME*
DISTANCE VDP TO THLD 0.97 MILES.
*LOC ONLY.
CHART CIRCLING ICON.

1. PT L SIDE OF COURSE 252.88 OUTBOUND 1600 FT WITHIN 10 MILES OF WEBBI (IAF)
2.
3. FAC: 072.88 FAF: WEBBI/I-TGN 6.38 DME DIST FAF TO MAP: THLD: 4.46
4. MIN. ALT: WEBBI 1600
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: 1897 100 HAT: 942 GS ANT: 1000
6. MIN GS INCPT: 1600 GS ALT AT: WEBBI 1600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.6
8. MSA FROM: TED VOR/DME 020-180 8900, 180-275 1700, 275-020 5600

MAG VAR: 17E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 07L	328	1800	200	328	1800	200	328	1800	200	328	1800	200	328	1800	200
S-LOC 07L	500	2400	372	500	2400	372	500	3500	372	500	3500	372	500	3500	372
CIRCLING	740	1	589	740	1	589	800	1 3/4	649	920	2 1/2	769	920	2 3/4	769

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 7L: CAT A, B, C, D, RA 158, RVR 1400, HAT 150, DA 278 MSL.
SA CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 7L: CAT A, B, C, D, RA 108, RVR 1200, HAT 100, DA 228 MSL.
(SEE FORM 8260-10)

CAT C 700-2, CAT D 800-2 1/2, CAT E 800-2 3/4

@ CAT D 800-2 1/2, CAT E 800-2 3/4

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 128 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	TED STEVENS ANCHORAGE INTL	I-TGN	ILS OR LOC/DME RWY 7L, AMDT 4, 01/08/2015 ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)	AMDT: 3A DATED 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 7L CAT E VISIBILITY TO RVR 4000, S-LOC 7L CATS C, D AND E VISIBILITY TO RVR 5500.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: PROCEDURE TURN NA FOR CAT E AIRCRAFT.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: DME REQUIRED.

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 128 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	TED STEVENS ANCHORAGE INTL	I-TGN	ILS OR LOC/DME RWY 7L, AMDT 4, 01/08/2015 ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)	AMDT: 3A DATED: 07/24/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES **- TITLE 14 CFR PART 97.29**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCAND        ENA   PA011760VDHA N60365293W151114287    N60365293W151114287E0190001152     NARKENAI
        SCAND        TED   PA011315VDHA N61100432W149573651    N61100380W149573553E0170000912     NARANCHORAGE
        SCAND PANCPA ITGN  PA010990 IT                     ITGNN61101406W149563303     001060     NARTED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAAANC     0     124YHN61102670W149595350E017000151         1800018000C    MNAR    TED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPACAINKK PA0    C     N61100578W150311702                    E0174     NAR           AINKK
        SCANP PANCPACJUKEP PA0    C     N61000126W150202903                    E0174     NAR           JUKEP
        SCANP PANCPACWEBBI PA0    C     N61101028W150094310                    E0175     NAR           WEBBI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAFI07L  AENA   010ENA  PAD 0V  A    FC ENA PA      00000000011140367D   + 02000     18000                0 DS
        SCANP PANCPAFI07L  AENA   020AINKKPAPC0EE B    CF ITGNPA      2529016801140020PI   + 02000                          0 DS
        SCANP PANCPAFI07L  ATED   010TED  PAD 0V       IF                                                18000           0 DS
        SCANP PANCPAFI07L  ATED   020WEBBIPAPC0E       TF                                  + 01600                          0 DS
        SCANP PANCPAFI07L  ATED   030WEBBIPAPC0EE AR   PI ITGNPA      2529006420790100PI   + 01600                          0 DS
        SCANP PANCPAFI07L  I      010AINKKPAPC0E  I    IF ITGNPA      25290168        PI   J 020000160018000                0 DS
        SCANP PANCPAFI07L  I      020WEBBIPAPC0E  F    CF ITGNPA      2529006407300105PI   H 0160001600        -300TED   PAD 0 DS
        SCANP PANCPAFI07L  I      030RW07LPAPG0GY M    CF ITGNPA      2529001907300045PI     00178             -300          0 DS
        SCANP PANCPAFI07L  I      040         0  M     CA                    0729        + 00600                          0 DS
        SCANP PANCPAFI07L  I      050         0    R   VIY                   2300                                         0 DS
        SCANP PANCPAFI07L  I      060JUKEPPAPC0EY      CF TED PA      2110015021100090D    + 02500                          0 DS
        SCANP PANCPAFI07L  I      070JUKEPPAPC0EE  R   HM                    2110T010     + 02500                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAGRW07L   0106000729 N61101115W150003000-0300    +0045000128000051150IITGN2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAIITGN2   010990RW07LN61101133W1495632650729N61101393W1500009621041 10000344300E01705100123
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 128**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**I-TGN**	**ILS OR LOC/DME RWY 7L, AMDT 4** **ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)** **01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPASTED  PAD                 0   095200056252003600892536009501725                                                  M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 128	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: TED STEVENS ANCHORAGE INTL	I-TGN	ILS OR LOC/DME RWY 7L, AMDT 4 ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II) 01/08/2015	AMDT: 3A DATED: 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENA	ENA	010	IAF	FC		FB		011.4()	036.7	AA 02000	
	ENA	AINKK	020		CF		FB		011.4()	002.0	AA 02000	
	TED	TED	010		IF		FB					
	TED	WEBBI	020		TF		FB				AA 01600	
	TED	WEBBI	030	IAF	PI	R	FB		207.9()	010.0	AA 01600	
		AINKK	010	FACF	IF		FB				AA 02000 GI 01600	
		WEBBI	020	FAF	CF		FB		073.0()	010.5	GI 01600 GS 01600	
		RW07L	030	MAP	CF		FO		073.0()	004.5	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		072.9()		AA 00600	
		050		VI	R	FB		230.0()			
	JUKEP	060		CF		FO		211.0()	009.0	AA 02500	
	JUKEP	070		HM	R	FO		211.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENA	N603652.93	W1511142.87	N6036.882	W15111.715
	TED	N611004.32	W1495736.51	N6110.072	W14957.609
	ITGN (DME)	N611014.06	W1495633.03	N6110.234	W14956.551
	AINKK	N611005.78	W1503117.02	N6110.096	W15031.284
	JUKEP	N610001.26	W1502029.03	N6100.021	W15020.484
	WEBBI	N611010.28	W1500943.10	N6110.171	W15009.718
	RW07L	N611011.15	W1500030.00	N6110.186	W15000.500
	ITGN (LOC)	N611011.33	W1495632.65	N6110.189	W14956.544

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07L	00128	51

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 128**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**I-TGN**	**ILS OR LOC/DME RWY 7L, AMDT 4** **ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)** **01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCAND        ENA   PA011760VDHA N60365293W151114287    N60365293W151114287E0190001152     NARKENAI
        SCAND        TED   PA011315VDHA N61100432W149573651    N61100380W149573553E0170000912     NARANCHORAGE
        SCAND PANCPA ITGN  PA010990 IT                    ITGNN61101406W149563303     001060     NARTED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAAANC     0     124YHN61102670W149595350E017000151         1800018000C    MNAR    TED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPACAINKK PA0    C     N61100578W150311702                    E0174     NAR           AINKK
        SCANP PANCPACJUKEP PA0    C     N61000126W150202903                    E0174     NAR           JUKEP
        SCANP PANCPACWEBBI PA0    C     N61101028W150094310                    E0175     NAR           WEBBI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAFL07L  AENA   010ENA  PAD 0V  A    FC ENA PA      00000000011140367D   + 02000     18000                0 DS
        SCANP PANCPAFL07L  AENA   020AINKKPAPC0EE B    CF ITGNPA      2529016801140020PI   + 02000                          0 DS
        SCANP PANCPAFL07L  ATED   010TED  PAD 0V       IF                                                18000           0 DS
        SCANP PANCPAFL07L  ATED   020WEBBIPAPC0E       TF                                  + 01600                      0 DS
        SCANP PANCPAFL07L  ATED   030WEBBIPAPC0EE AR   PI ITGNPA      2529006420790100PI   + 01600                      0 DS
        SCANP PANCPAFL07L  L      010AINKKPAPC0E  I    IF ITGNPA      25290168        PI   + 02000     18000           0 DS
        SCANP PANCPAFL07L  L      020WEBBIPAPC0E  F    CF ITGNPA      2529006407300105PI   + 01600               TED   PAD 0 DS
        SCANP PANCPAFL07L  L      030RW07LPAPG0GY M    CF ITGNPA      2529001907300045PI     00178          -301          0 DS
        SCANP PANCPAFL07L  L      040         0  M     CA                    0729        + 00600                      0 DS
        SCANP PANCPAFL07L  L      050         0    R   VIY                   2300                                     0 DS
        SCANP PANCPAFL07L  L      060JUKEPPAPC0EY      CF TED PA      21100150211000090D   + 02500                      0 DS
        SCANP PANCPAFL07L  L      070JUKEPPAPC0EE  R   HM                    2110T010    + 02500                      0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAGRW07L   0106000729 N61101115W150003000-0300    +0045000128000051150IITGN2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAIITGN2   010990RW07LN61101133W1495632650729N61101393W1500009621041 10000344300E01705100123
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 128**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**I-TGN**	**ILS OR LOC/DME RWY 7L, AMDT 4** **ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)** **01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPASTED  PAD                 0   095200056252003600892536009501725                                                M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 128	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: TED STEVENS ANCHORAGE INTL	I-TGN	ILS OR LOC/DME RWY 7L, AMDT 4 ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II) 01/08/2015	AMDT: 3A DATED: 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENA	ENA	010	IAF	FC		FB		011.4()	036.7	AA 02000	
	ENA	AINKK	020		CF		FB		011.4()	002.0	AA 02000	
	TED	TED	010		IF		FB					
	TED	WEBBI	020		TF		FB				AA 01600	
	TED	WEBBI	030	IAF	PI	R	FB		207.9()	010.0	AA 01600	
		AINKK	010	FACF	IF		FB				AA 02000	
		WEBBI	020	FAF	CF		FB		073.0()	010.5	AA 01600	
		RW07L	030	MAP	CF		FO		073.0()	004.5	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		072.9()		AA 00600	
		050		VI	R	FB		230.0()			
	JUKEP	060		CF		FO		211.0()	009.0	AA 02500	
	JUKEP	070		HM	R	FO		211.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENA	N603652.93	W1511142.87	N6036.882	W15111.715
	TED	N611004.32	W1495736.51	N6110.072	W14957.609
	ITGN (DME)	N611014.06	W1495633.03	N6110.234	W14956.551
	AINKK	N611005.78	W1503117.02	N6110.096	W15031.284
	JUKEP	N610001.26	W1502029.03	N6100.021	W15020.484
	WEBBI	N611010.28	W1500943.10	N6110.171	W15009.718
	RW07L	N611011.15	W1500030.00	N6110.186	W15000.500
	ITGN (LOC)	N611011.33	W1495632.65	N6110.189	W14956.544

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07L	00128	51

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 128**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**I-TGN**	**ILS OR LOC/DME RWY 7L, AMDT 4** **ILS RWY 7L (SA CAT I), ILS RWY 7L (SA CAT II)** **01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TED VOR/DME	TULLI/I-ANC 6.67 DME	252.93 / 6.84	1600
ENA VOR/DME (IAF)	ELIAS INT/I-ANC 18.62 DME (NOPT)	008.23 / 37.36 (TED LR-247)	2000
ELIAS INT/I-ANC 18.62 DME (IF)	TULLI/I-ANC 6.67 DME	072.85 / 11.95 (I-ANC)	1600

MISSED APPROACH

ILS: DA
LOC: I-ANC 2.23 DME FIX
LOC: RW07R

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500 ON TED VOR/DME R-211 TO JUKEP/TED 15.00 DME AND HOLD.

1. PT L SIDE OF COURSE 252.85 OUTBOUND 1600 FT WITHIN 10 MILES OF TULLI (IAF)
2.
3. FAC: 072.85 FAF: TULLI/I-ANC 6.67 DME DIST FAF TO MAP: THLD: 4.44
4. MIN. ALT: TULLI 1600, WIVDA/I-ANC 4.83 DME 1000*
5. DIST TO THLD FROM OM: - MM: - IM: 850 150 HAT: 1811 100 HAT: 857 GS ANT: 1074
6. MIN GS INCPT: 1600 GS ALT AT: TULLI 1600 OM: - MM: - IM: 231
7. GS ANGLE: 3.00 TCH: 55.1
8. MSA FROM: TED VOR/DME 020-180 8900, 180-275 1700, 275-020 5600

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 210.95 INBOUND.
CHART ARRIVAL HOLDING AT TED VOR/DME: HOLD SW, LT, 069.42 INBOUND, 3000.
399 AAO 610948N/1501038W.
CHART IN PLANVIEW: ENA VOR/DME 37.36 DME AT ELIAS.
CHART VDP AT 3.22 DME*
DISTANCE VDP TO THLD 0.99 MILES.
*LOC ONLY.
CHART CIRCLING ICON.
CHART FAS OBST: 227 TREE 610955N/1500240W

MAG VAR: 17E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD # STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 07R	332	1800	200	332	1800	200	332	1800	200	332	1800	200	332	1800	200
S-LOC 07R	520	2400	388	520	2400	388	520	3500	388	520	3500	388	520	3500	388
SIDESTEP 07L	520	5000	392	520	5000	392	520	5000	392	520	1 1/2	392	520	1 1/2	392
CIRCLING	740	1	589	740	1	589	800	1 3/4	649	920	2 1/2	769	920	2 3/4	769

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 7R: CAT A, B, C, D, RA 245, RVR 1400, HAT 150, DA 282 MSL.
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 7R: CAT A, B, C, D, RA 115, RVR 1200, HAT 100, DA 232 MSL.
(SEE FORM 8260-10)

CAT C 700-2, CAT D 800-2 1/2, CAT E 800-2 3/4
@ CAT D 800-2 1/2, CAT E 800-2 3/4

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 07R 132 TDZE: 07L 128 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	TED STEVENS ANCHORAGE INTL	I-ANC	ILS OR LOC/DME RWY 7R, AMDT 4, 01/08/2015 ILS RWY 7R (SA CAT I) , ILS RWY 7R (CAT II) ILS RWY 7R (CAT III)	AMDT: 3A DATED 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 7R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-ILS 7R CAT E VISIBILITY TO RVR 4000, AND S-LOC 7R CAT E VISIBILITY TO RVR 6000.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: RWY 7L THRESHOLD 6140' E OF RWY 7R THRESHOLD.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7L CAT A AND B.
CHART PROFILE NOTE: PROCEDURE TURN NA FOR CAT E AIRCRAFT.
CHART PLANVIEW NOTE: AIRCRAFT ARRIVING AT TED VOR/DME MAY REQUIRE DESCENT TO 3600 IN THE TED VOR/DME HOLDING PATTERN BEFORE COMMENCING APPROACH.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: DME REQUIRED.

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 151 TDZE: 07R 132 TDZE: 07L 128 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	TED STEVENS ANCHORAGE INTL	I-ANC	ILS OR LOC/DME RWY 7R, AMDT 4, 01/08/2015 ILS RWY 7R (SA CAT I) , ILS RWY 7R (CAT II) ILS RWY 7R (CAT III)	AMDT: 3A DATED: 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCAND        ENA   PA011760VDHA N60365293W151114287    N60365293W151114287E0190001152     NARKENAI
        SCAND        TED   PA011315VDHA N61100432W149573651    N61100380W149573553E0170000912     NARANCHORAGE
        SCAND PANCPA IANC  PA011130 IT                     IANCN61100202W149575840     001120     NARTED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAAANC     0     124YHN61102670W149595350E017000151         1800018000C    MNAR    TED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPACELIAS PA0    C     N61095619W150362486                    E0173     NAR           ELIAS
        SCANP PANCPACJUKEP PA0    C     N61000126W150202903                    E0174     NAR           JUKEP
        SCANP PANCPACTULLI PA0    C     N61100311W150114408                    E0175     NAR           TULLI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAFI07R  AENA   010ENA  PAD 0V  A    FC ENA PA      0000000000820354D   + 02000     18000                0 DS
        SCANP PANCPAFI07R  AENA   020ELIASPAPC0EE B    CF IANCPA      2529018600820020PI  + 02000                          0 DS
        SCANP PANCPAFI07R  ATED   010TED  PAD 0V  H    IF                                             18000                0 DS
        SCANP PANCPAFI07R  ATED   020TULLIPAPC0E       TF                                  + 01600                          0 DS
        SCANP PANCPAFI07R  ATED   030TULLIPAPC0EE AR   PI IANCPA      2529006720790100PI  + 01600                          0 DS
        SCANP PANCPAFI07R  I      010ELIASPAPC0E  I    IF IANCPA      25290186        PI  J 020000160018000                0 DS
        SCANP PANCPAFI07R  I      020TULLIPAPC0E  F    CF IANCPA      2529006707300120PI  H 0160001600        -300TED   PAD 0 DS
        SCANP PANCPAFI07R  I      030RW07RPAPG0GY M    CF IANCPA      2529002307300044PI    00187             -300         0 DS
        SCANP PANCPAFI07R  I      040         0  M     CA                      0729        + 00600                          0 DS
        SCANP PANCPAFI07R  I      050JUKEPPAPC0EY  R   CFYTED PA      2110015021100150D   + 02500                          0 DS
        SCANP PANCPAFI07R  I      060JUKEPPAPC0EE  R   HM                     2110T010    + 02500                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAGRW07R   0124000729 N61100412W150023434-0300    +004610013200005520OIIANC3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAIIANC3   011130RW07RN61100439W1495755500729N61100818W1500212461277 10740293300E01705500125
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 07R 132**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TDZE: 07L 128** **TED STEVENS ANCHORAGE INTL**	**I-ANC**	**ILS OR LOC/DME RWY 7R, AMDT 4** **ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II)** **ILS RWY 7R (CAT III) 01/08/2015**	AMDT: **3A**
				DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPASTED  PAD                 0   0952000562520036008925360095017 25                                                M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 151	TDZE: 07R 132	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: TED STEVENS ANCHORAGE INTL	TDZE: 07L 128	I-ANC	ILS OR LOC/DME RWY 7R, AMDT 4 ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II) ILS RWY 7R (CAT III) 01/08/2015	AMDT: 3A DATED: 07/24/2014

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENA	ENA	010	IAF	FC		FB		008.2()	035.4	AA 02000	
	ENA	ELIAS	020		CF		FB		008.2()	002.0	AA 02000	
	TED	TED	010		IF		FB					
	TED	TULLI	020		TF		FB				AA 01600	
	TED	TULLI	030	IAF	PI	R	FB		207.9()	010.0	AA 01600	
		ELIAS	010	FACF	IF		FB				AA 02000 GI 01600	
		TULLI	020	FAF	CF		FB		073.0()	012.0	GI 01600 GS 01600	
		RW07R	030	MAP	CF		FO		073.0()	004.4	AT 00187	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		072.9()		AA 00600	
	JUKEP	050		CF	R	FO		211.0()	015.0	AA 02500	
	JUKEP	060		HM	R	FO		211.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENA	N603652.93	W1511142.87	N6036.882	W15111.715
	TED	N611004.32	W1495736.51	N6110.072	W14957.609
	IANC (DME)	N611002.02	W1495758.40	N6110.034	W14957.973
	ELIAS	N610956.19	W1503624.86	N6109.937	W15036.414
	JUKEP	N610001.26	W1502029.03	N6100.021	W15020.484
	TULLI	N611003.11	W1501144.08	N6110.052	W15011.735
	RW07R	N611004.12	W1500234.34	N6110.069	W15002.572
	IANC (LOC)	N611004.39	W1495755.50	N6110.073	W14957.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	00132	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151**	**TDZE: 07R 132**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**TDZE: 07L 128**	**I-ANC**	**ILS OR LOC/DME RWY 7R, AMDT 4** **ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II)** **ILS RWY 7R (CAT III) 01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCAND        ENA   PA011760VDHA N60365293W151114287    N60365293W151114287E0190001152     NARKENAI
        SCAND        TED   PA011315VDHA N61100432W149573651    N61100380W149573553E0170000912     NARANCHORAGE
        SCAND PANCPA IANC  PA011130 IT                     IANCN61100202W149575840     001120     NARTED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAAANC     0     124YHN61102670W149595350E017000151         1800018000C    MNAR    TED STEVENS ANCHORAGE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPACELIAS PA0    C     N61095619W150362486                    E0173     NAR           ELIAS
        SCANP PANCPACJUKEP PA0    C     N61000126W150202903                    E0174     NAR           JUKEP
        SCANP PANCPACTULLI PA0    C     N61100311W150114408                    E0175     NAR           TULLI
        SCANP PANCPACWIVDA PA0    R     N61100361W150075641                    E0175     NAR           WIVDA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAFL07R  AENA   010ENA  PAD 0V  A    FC ENA PA      0000000000820354D   + 02000     18000                0 DS
        SCANP PANCPAFL07R  AENA   020ELIASPAPC0EE B    CF IANCPA      2529018600820020PI  + 02000                          0 DS
        SCANP PANCPAFL07R  ATED   010TED  PAD 0V  H    IF                                                  18000          0 DS
        SCANP PANCPAFL07R  ATED   020TULLIPAPC0E       TF                                  + 01600                          0 DS
        SCANP PANCPAFL07R  ATED   030TULLIPAPC0EE AR   PI IANCPA      2529006720790100PI  + 01600                          0 DS
        SCANP PANCPAFL07R  L      010ELIASPAPC0E  I    IF IANCPA      25290186        PI  + 02000     18000                0 DS
        SCANP PANCPAFL07R  L      020TULLIPAPC0E  F    CF IANCPA      2529006707300120PI  + 01600                TED   PAD 0 DS
        SCANP PANCPAFL07R  L      021WIVDAPAPC0E S     CF IANCPA      2529004907300018PI  + 01000           -301          0 DS
        SCANP PANCPAFL07R  L      030RW07RPAPG0GY M    CF IANCPA      2529002307300026PI    00187           -301          0 DS
        SCANP PANCPAFL07R  L      040         0  M     CA                      0729       + 00600                          0 DS
        SCANP PANCPAFL07R  L      050JUKEPPAPC0EY  R   CFYTED PA      2110015021100150D   + 02500                          0 DS
        SCANP PANCPAFL07R  L      060JUKEPPAPC0EE  R   HM                    2110T010    + 02500                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPAGRW07R   0124000729 N61100412W150023434-0300    +00461001320000552001IANC3

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151** **TDZE: 07R 132**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL** **TDZE: 07L 128**	**I-ANC**	**ILS OR LOC/DME RWY 7R, AMDT 4** **ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II)** **ILS RWY 7R (CAT III) 01/08/2015**	AMDT: **3A**
				DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SCANP PANCPAIIANC3   011130RW07RN61100439W1495755500729N61100818W1500212461277 10740293300E01705500125
_____________________________________________________________________________________________________________________________
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        -----------------------------------------------------------------------------------------------------------------------------
        SCANP PANCPASTED  PAD                 0   095200056252003600892536009501725                                                M
```

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 151	TDZE: 07R 132	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: TED STEVENS ANCHORAGE INTL	TDZE: 07L 128	I-ANC	ILS OR LOC/DME RWY 7R, AMDT 4 ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II) ILS RWY 7R (CAT III) 01/08/2015	AMDT: 3A DATED: 07/24/2014

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ENA	ENA	010	IAF	FC		FB		008.2()	035.4	AA 02000	
	ENA	ELIAS	020		CF		FB		008.2()	002.0	AA 02000	
	TED	TED	010		IF		FB					
	TED	TULLI	020		TF		FB				AA 01600	
	TED	TULLI	030	IAF	PI	R	FB		207.9()	010.0	AA 01600	
		ELIAS	010	FACF	IF		FB				AA 02000	
		TULLI	020	FAF	CF		FB		073.0()	012.0	AA 01600	
		WIVDA	021	SDF	CF		FB		073.0()	001.8	AA 01000	
		RW07R	030	MAP	CF		FO		073.0()	002.6	AT 00187	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		072.9()		AA 00600	
	JUKEP	050		CF	R	FO		211.0()	015.0	AA 02500	
	JUKEP	060		HM	R	FO		211.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENA	N603652.93	W1511142.87	N6036.882	W15111.715
	TED	N611004.32	W1495736.51	N6110.072	W14957.609
	IANC (DME)	N611002.02	W1495758.40	N6110.034	W14957.973
	ELIAS	N610956.19	W1503624.86	N6109.937	W15036.414
	JUKEP	N610001.26	W1502029.03	N6100.021	W15020.484
	TULLI	N611003.11	W1501144.08	N6110.052	W15011.735
	WIVDA	N611003.61	W1500756.41	N6110.060	W15007.940
	RW07R	N611004.12	W1500234.34	N6110.069	W15002.572
	IANC (LOC)	N611004.39	W1495755.50	N6110.073	W14957.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	00132	55

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **151**	**TDZE: 07R 132**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ANCHORAGE, AK	AIRPORT NAME: **TED STEVENS ANCHORAGE INTL**	**TDZE: 07L 128**	**I-ANC**	**ILS OR LOC/DME RWY 7R, AMDT 4** **ILS RWY 7R (SA CAT I), ILS RWY 7R (CAT II)** **ILS RWY 7R (CAT III) 01/08/2015**	AMDT: **3A** DATED: **07/24/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUPES (IF/IAF)	KIYET (FB)	183.69 / 6.56	2400
KIYET (FAF)	ZIVEP/2.30 NM TO RW18 (FB)	183.69 / 3.14	
ZIVEP/2.30 NM TO RW18 (FB)	RW18 (MAP) (FO)	183.69 / 2.30	
RW18 (MAP)	1028 MSL	183.69	
1028 MSL	ZOVOR (FO)		3100

MISSED APPROACH

LNAV: RW18

CLIMB TO 3100 DIRECT ZOVOR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 003.69 INBOUND.
CHART FAS OBST: 992 COMM TWR 342657N/0865600W
CHART HUNTSVILLE INTL-CARL T. JONES FIELD
ATIS, 121.25.
CHART R 2104A, B, C, D, E. R
KIYET TO RW18: 3.00/40.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JUPES, RT, 183.69 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 183.69 FAF: KIYET DIST FAF TO MAP: 5.44 THLD: 5.44
4. MIN. ALT: JUPES 3000, KIYET 2400, ZIVEP/2.30 NM TO RW18 1400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1280	1	651	1280	1	651	1280	1 7/8	651		NA				
CIRCLING	1280	1	651	1280	1	651	1520	2 3/4	891		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE HUNTSVILLE INTL-CARL T. JONES ALTIMETER SETTING; WHEN NOT RECEIVED, USE CULLMAN ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 629 TDZE: 629 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HARTSELLE, AL	HARTSELLE-MORGAN COUNTY REGIONAL	RNAV	RNAV (GPS) RWY 18, AMDT 1 8 JANUARY 2015	AMDT: ORIG DATED 07/05/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	094/30 CW 274/30 (NOPT)	094/15 CW 274/15	4000
2.	094/15 CW 274/15	JUPES (IF/IAF) (FB)	3000
3.	274/30 CW 094/30	JUPES (IF/IAF) (FO)	3600

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 629 TDZE: 629	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: HARTSELLE-MORGAN COUNTY REGIONAL	RNAV	RNAV (GPS) RWY 18, AMDT 1 8 JANUARY 2015	AMDT: ORIG
				DATED: 07/05/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUPES K70    W     N34364857W086554783                     W0033     NAR           JUPES
        SUSAEAENRT   KIYET K70    W     N34301416W086555359                     W0033     NAR           KIYET
        SUSAEAENRT   ZIVEP K70    W     N34270563W086555633                     W0032     NAR           ZIVEP
        SUSAEAENRT   ZOVOR K70    W     N34114055W086560975                     W0032     NAR           ZOVOR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7A5M0     0     035YHN34242960W086555860W003000629         1800018000C    MNAR    HARTSELLE-MORGAN COUNTY REGION

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7FR18   AJUPES 010JUPESK7EA0EE AR   HF                    18370040    + 03000     18000                B JS
        SUSAP 5M0 K7FR18   R      010JUPESK7EA0E  I    IF                                + 03000     18000                B JS
        SUSAP 5M0 K7FR18   R      020KIYETK7EA1E  F 051TF                    18370066    + 02400                          B JS
        SUSAP 5M0 K7FR18   R      020KIYETK7EA2WN          N          ALNAV                                                JS
        SUSAP 5M0 K7FR18   R      021ZIVEPK7EA0E S  031TF                    18370031    V 0140001400        -300         B JS
        SUSAP 5M0 K7FR18   R      030RW18 K7PG0GY M 031TF                    18370023      00669             -300         B JS
        SUSAP 5M0 K7FR18   R      040         0  M     CA                     1837        + 01028                          B JS
        SUSAP 5M0 K7FR18   R      050ZOVORK7EA0EY      DF                              + 03100                          B JS
        SUSAP 5M0 K7FR18   R      060ZOVORK7EA0EE  R   HM                    00370040    + 03100                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7GRW18    0035991837 N34244740W086555834-0800    +01639006290000040075R
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QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **629** **TDZE: 629**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: **HARTSELLE-MORGAN COUNTY REGIONAL**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **07/05/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JUPES	JUPES	010	IAF	HF	R	FO		183.7(180.7T)	004.0	AA 03000	
		JUPES	010	FACF	IF		FB				AA 03000	
		KIYET	020	FAF	TF		FB	0.5	183.7(180.7T)	006.6	AA 02400	
		ZIVEP	021	SDF	TF		FB	0.3	183.7(180.7T)	003.1	AA 01400	GS 01400
		RW18	030	MAP	TF		FO	0.3	183.7(180.7T)	002.3	AT 00669	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		183.7(180.7T)		AA 01028	
	ZOVOR	050		DF		FO				AA 03100	
	ZOVOR	060		HM	R	FO		003.7(000.7T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JUPES	N343648.57	W0865547.83	N3436.810	W08655.797
	KIYET	N343014.16	W0865553.59	N3430.236	W08655.893
	ZIVEP	N342705.63	W0865556.33	N3427.094	W08655.939
	ZOVOR	N341140.55	W0865609.75	N3411.676	W08656.163
	RW18	N342447.40	W0865558.34	N3424.790	W08655.972

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00629	40

CITY AND STATE	ELEVATION: **629** TDZE: **629**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: **HARTSELLE-MORGAN COUNTY REGIONAL**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **07/05/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOVOR (IF/IAF)	QECKE (FB)	003.69 / 6.32	2600
QECKE (FAF)	TERYO/3.00 NM TO RW36 (FB)	003.69 / 3.07	
TERYO/3.00 NM TO RW36	RW36 (MAP) (FO)	003.69 / 3.00	
RW36 (MAP)	1020 MSL	003.69	
1020 MSL	JUPES (FO)		3000

MISSED APPROACH

LNAV: RW36

CLIMB TO 3000 DIRECT JUPES AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ZOVOR, RT, 003.69 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 003.69 FAF: QECKE DIST FAF TO MAP: 6.18 THLD: 6.18
4. MIN. ALT: ZOVOR 3000, QECKE 2600, TERYO/3.00 NM TO RW36 1580
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: ____

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.69 INBOUND.
CHART FAS OBST: 729 TREE 342309N/0865638W
1249 AAO 341747N/0865711W
CHART R2104A, B, C, D, E.
QECKE TO RWY 36: 3.00/34
CHART CIRCLING ICON.
CHART HUNTSVILLE INTL - CARL T. JONES FIELD
ATIS, 121.25

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1020	1	400	1020	1	400	1020	1 1/8	400		NA				
CIRCLING	1120	1	491	1260	1	631	1520	2 3/4	891		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE HUNTSVILLE INTL-CARL T. JONES ALTIMETER SETTING; WHEN NOT RECEIVED, USE CULLMAN ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 629 TDZE: 620	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: HARTSELLE-MORGAN COUNTY REGIONAL	RNAV	RNAV (GPS) RWY 36, AMDT 1 8 JANUARY 2015	AMDT: ORIG
				DATED 07/05/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	274/30 CW 094/30 (NOPT)	ZOVOR (IF/IAF) (FB)	3100
2.	094/30 CW 274/30	ZOVOR (IAF) (FO)	3100

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 629 TDZE: 620	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: HARTSELLE-MORGAN COUNTY REGIONAL	RNAV	RNAV (GPS) RWY 36, AMDT 1 8 JANUARY 2015	AMDT: ORIG
				DATED: 07/05/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUPES K70    W     N34364857W086554783                      W0033     NAR           JUPES
        SUSAEAENRT   QECKE K70    W     N34180046W086560425                      W0032     NAR           QECKE
        SUSAEAENRT   TERYO K70    W     N34211150W086560148                      W0032     NAR           TERYO
        SUSAEAENRT   ZOVOR K70    W     N34114055W086560975                      W0032     NAR           ZOVOR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7A5M0     0     035YHN34242960W086555860W003000629         1800018000C    MNAR    HARTSELLE-MORGAN COUNTY REGION

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7FR36   AZOVOR 010ZOVORK7EA0EE AR   HF                     00370040    + 03100     18000                B JS
        SUSAP 5M0 K7FR36   R      010ZOVORK7EA0E  I    IF                                 + 03100     18000                B JS
        SUSAP 5M0 K7FR36   R      020QECKEK7EA1E  F 051TF                     00370063    + 02600                          B JS
        SUSAP 5M0 K7FR36   R      020QECKEK7EA2WN          N          ALNAV                                                JS
        SUSAP 5M0 K7FR36   R      021TERYOK7EA0E S  031TF                     00370031    V 0158001587        -300         B JS
        SUSAP 5M0 K7FR36   R      030RW36 K7PG0GY M 031TF                     00370030      00632             -300         B JS
        SUSAP 5M0 K7FR36   R      040         0  M     CA                     0037        + 01020                          B JS
        SUSAP 5M0 K7FR36   R      050JUPESK7EA0EY      DF                               + 03000                          B JS
        SUSAP 5M0 K7FR36   R      060JUPESK7EA0EE  R   HM                     18370040    + 03000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5M0 K7GRW36    0035990037 N34241180W086555886+0800    +0154700598000034075R
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QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **629** **TDZE: 620**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: **HARTSELLE-MORGAN COUNTY REGIONAL**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **07/05/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZOVOR	ZOVOR	010	IAF	HF	R	FO		003.7(000.7T)	004.0	AA 03100	
		ZOVOR	010	FACF	IF		FB				AA 03100	
		QECKE	020	FAF	TF		FB	0.5	003.7(000.7T)	006.3	AA 02600	
		TERYO	021	SDF	TF		FB	0.3	003.7(000.7T)	003.1	AA 01580 GS 01587	
		RW36	030	MAP	TF		FO	0.3	003.7(000.7T)	003.0	AT 00632	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.7(000.7T)		AA 01020	
	JUPES	050		DF		FO				AA 03000	
	JUPES	060		HM	R	FO		183.7(180.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JUPES	N343648.57	W0865547.83	N3436.810	W08655.797
	QECKE	N341800.46	W0865604.25	N3418.008	W08656.071
	TERYO	N342111.50	W0865601.48	N3421.192	W08656.025
	ZOVOR	N341140.55	W0865609.75	N3411.676	W08656.163
	RW36	N342411.80	W0865558.86	N3424.197	W08655.981

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00598	34

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: **629** **TDZE: 620**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HARTSELLE, AL	AIRPORT NAME: **HARTSELLE-MORGAN COUNTY REGIONAL**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **07/05/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS OR NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RIALTO, CA	**ELEVATION: 1455** **TDZE:** AIRPORT NAME: **RIALTO MUNI /MIRO FLD/**	**SBD**	**NDB OR GPS-A, AMDT 4, 02/09/2012**	SUP AMDT 3 DATE **02/17/1983**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
RIALTO, CA	RIALTO MUNI /MIRO FLD/	10/14/1993	3

TAKEOFF MINIMUMS:

PROCEDURE CANCELLED EFFECTIVE 8 JANUARY 2015

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

REMARKS:

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
TRUCKEE, CA	**ELEVATION: 5900** **TDZE: 5894** AIRPORT NAME: **TRUCKEE-TAHOE**	**GPS**	**GPS RWY 19, ORIG, 09/11/1997**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRUCK	LEKYI (FO)	287.03 / 10.47	11400
SWR VOR/DME	LEKYI (FO)	335.21 / 21.19	11400
SIGNA	LEKYI (FO)	036.58 / 17.07	11400
LEKYI (IF/IAF)	FAMPU (FB)	134.52 / 6.04	9700
FAMPU (FAF)	SUYYO/5.60 NM TO MARDR (FB)	125.89 / 2.91	
SUYYO/5.60 NM TO MARDR	MARDR (MAP) (FO)	125.89 / 5.70	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: MARDR

CLIMB TO 8700 THEN CLIMBING LEFT TURN TO 12400 DIRECT TRUCK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12400.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 062.73 INBOUND.
FAS OBST: 7371 AAO 392231N/1201302W
8593 AAO 392536N/1201842W
7861 AAO 392421N/1201503W
SUYYO TO RW11: 3.77/40
CHART CIRCLING ICON
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.98 DEGREES.
FAC CROSSES RWY C/L EXTENDED 5000 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW LEKYI, RT, 134.52 INBOUND, 10800 FT. IN LIEU OF PT (IAF)
3. FAC: 125.89 FAF: FAMPU DIST FAF TO MAP: 8.61 THLD: 9.39
4. MIN. ALT: LEKYI 11400, FAMPU 9700, SUYYO/5.60 NM TO MARDR 8480
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR 34:1 IS NOT CLEAR
8. MSA FROM: MARDR 12000

MAG VAR: 14E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	8160	1 1/4	2259	8160	1 1/2	2259	8160	3	2259		NA				
CIRCLING	8160	1 1/4	2259	8160	1 1/2	2259	8480	3	2579		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 165 KIAS.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUCK VIA V200-392 NORTHEAST BOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 5901 THRE: 5901	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) RWY 11, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MARDR (MAP)	8700 MSL	125.89	8700
8700 MSL	TRUCK (FO)		12400

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SIGNA VIA V200-392 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SWR VOR/DME AIRWAY RADIALS 037CW062.
CHART NOTE: STRAIGHT-IN AND CIRCLING TO RWY 11 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CITY AND STATE	ELEVATION: 5901 THRE: 5901 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	TRUCKEE-TAHOE	RNAV	RNAV (GPS) RWY 11, ORIG 8 JANUARY 2015	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SWR   K2011320VDLANN39104916W120161060    N39104916W120161060E0160088501     NARSQUAW VALLEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FAMPU K20    W     N39262990W120171406                    E0140     NAR           FAMPU
        SUSAEAENRT   LEKYI K20    W     N39313927W120211829                    E0140     NAR           LEKYI
        SUSAEAENRT   MARDR K20    W     N39195413W120100498                    E0140     NAR           MARDR
        SUSAEAENRT   SIGNA K20    C   L N39204957W120382084                    E0141     NAR           SIGNA
        SUSAEAENRT   SUYYO K20    W     N39241152W120144382                    E0140     NAR           SUYYO
        SUSAEAENRT   TRUCK K20    C   L N39261567W120094248                    E0140     NAR           TRUCK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2ATRK     0     069YHN39191215W120082243E014005901         1800018000C    MNAR    TRUCKEE-TAHOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2FR11   ASIGNA 010SIGNAK2EA0E       IF                                          18000                 B JS
        SUSAP KTRKK2FR11   ASIGNA 020LEKYIK2EA0EY   020TF                    03660171    + 11400                        B JS
        SUSAP KTRKK2FR11   ASIGNA 030LEKYIK2EA0EE AR   HF                   13450070    + 10800                        B JS
        SUSAP KTRKK2FR11   ASWR   010SWR  K2D 0V       IF                                          18000                 B JS
        SUSAP KTRKK2FR11   ASWR   020LEKYIK2EA0EY   020TF                    33520212    + 11400                        B JS
        SUSAP KTRKK2FR11   ASWR   030LEKYIK2EA0EE AR   HF                   13450070    + 10800                        B JS
        SUSAP KTRKK2FR11   ATRUCK 010TRUCKK2EA0E       IF                                          18000                 B JS
        SUSAP KTRKK2FR11   ATRUCK 020LEKYIK2EA0EY   020TF                    28700105    + 11400                        B JS
        SUSAP KTRKK2FR11   ATRUCK 030LEKYIK2EA0EE AR   HF                   13450070    + 10800                        B JS
        SUSAP KTRKK2FR11   R      010LEKYIK2EA0E  I    IF                               + 10800     18000              B JS
        SUSAP KTRKK2FR11   R      020FAMPUK2EA1E  F 051TF                    13450060    + 09700                MARDR K2EAB JS
        SUSAP KTRKK2FR11   R      020FAMPUK2EA2WN          N          ALNAV                                              JS
        SUSAP KTRKK2FR11   R      021SUYYOK2EA0E S  031TF                    12590029    V 0848008494        -377           B JS
        SUSAP KTRKK2FR11   R      030MARDRK2EA0EY M 031TF                    12590057      06253             -377           B JS
        SUSAP KTRKK2FR11   R      040          0  M     CA                   1259        + 08700                          B JS
        SUSAP KTRKK2FR11   R      050TRUCKK2EA0EY  L   DF                               + 12400          165             B-JS
        SUSAP KTRKK2FR11   R      060TRUCKK2EA0EE  L   HM                   06270070    + 12400                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: **5901** **THRE: 5901**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: **TRUCKEE-TAHOE**	**RNAV**	**RNAV (GPS) RWY 11, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KTRKK2GRW11    0069971060 N39192944W120090986-0119    +1774905901000040100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2SMARDRK2EA              0   18018012025                                                                  M
```

CITY AND STATE	ELEVATION: 5901 THRE: 5901	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) RWY 11, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	SIGNA	SIGNA	010		IF		FB					
	SIGNA	LEKYI	020		TF		FO	2.0	036.6(050.6T)	017.1	AA 11400	
	SIGNA	LEKYI	030	IAF	HF	R	FO		134.5(148.5T)	007.0	AA 10800	
	SWR	SWR	010		IF		FB					
	SWR	LEKYI	020		TF		FO	2.0	335.2(349.2T)	021.2	AA 11400	
	SWR	LEKYI	030	IAF	HF	R	FO		134.5(148.5T)	007.0	AA 10800	
	TRUCK	TRUCK	010		IF		FB					
	TRUCK	LEKYI	020		TF		FO	2.0	287.0(301.0T)	010.5	AA 11400	
	TRUCK	LEKYI	030	IAF	HF	R	FO		134.5(148.5T)	007.0	AA 10800	
		LEKYI	010	FACF	IF		FB				AA 10800	
		FAMPU	020	FAF	TF		FB	0.5	134.5(148.5T)	006.0	AA 09700	
		SUYYO	021	SDF	TF		FB	0.3	125.9(139.9T)	002.9	AA 08480 GS 08494	
		MARDR	030	MAP	TF		FO	0.3	125.9(139.9T)	005.7	AT 06253	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		125.9(139.9T)		AA 08700	
	TRUCK	050		DF	L	FO				AA 12400	AB 165
	TRUCK	060		HM	L	FO		062.7(076.7T)	007.0	AA 12400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SWR	N391049.16	W1201610.60	N3910.819	W12016.177
	FAMPU	N392629.90	W1201714.06	N3926.498	W12017.234
	LEKYI	N393139.27	W1202118.29	N3931.655	W12021.305
	MARDR	N391954.13	W1201004.98	N3919.902	W12010.083
	SIGNA	N392049.57	W1203820.84	N3920.826	W12038.347
	SUYYO	N392411.52	W1201443.82	N3924.192	W12014.730
	TRUCK	N392615.67	W1200942.48	N3926.261	W12009.708
	RW11	N391929.44	W1200909.86	N3919.491	W12009.164

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	05901	40

CITY AND STATE	ELEVATION: 5901 THRE: 5901	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) RWY 11, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRUCK	AWEGA (FO)	016.93 / 12.32	10700
FMG VORTAC	AWEGA (FO)	272.24 / 17.83	10700
AWEGA (IF/IAF)	OPOJI (FB)	181.15 / 8.37	9500
OPOJI (FAF)	FILUV/4.90 NM TO WINUB (FB)	181.52 / 3.93	
FILUV/4.90 NM TO WINUB	YAKYU/3.50 NM TO WINUB (FB)	181.52 / 1.40	
YAKYU/3.50 NM TO WINUB	WINUB (MAP) (FO)	181.52 / 3.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: WINUB
LP: WINUB

CLIMBING RIGHT TURN TO 11500 DIRECT AWEGA AND ON TRACK 049.86 TO WIKEX AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N AWEGA, RT, 181.15 INBOUND, 10700 FT. IN LIEU OF PT (IAF)
3. FAC: 181.52 FAF: OPOJI DIST FAF TO MAP: 8.83 THLD: 9.63
4. MIN. ALT: AWEGA 10700, OPOJI 9500, FILUV/4.90 NM TO WINUB 8040, YAKYU/3.50 NM TO WINUB 7520
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: WINUB 12000

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 135.63 INBOUND.
FAS OBST: 6869 AAO 392249N/1200705W
WAAS CHANNEL # 50535
REFERENCE PATH ID: W20A
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.51 DEGREES
OPOJI TO RW20: 3.50/30
7560 AAO 392739N/1200336W
CHART CIRCLING ICON
8644 AAO 392820N/1200223W
FAC CROSSES RWY C/L EXTENDED 5000 FROM THLD.
LTP HAE: 1771.9 M

MAG VAR: 14E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	7400	1 1/4	1509	7400	1 1/2	1509	7400	3	1509		NA				
LNAV MDA	7460	1 1/4	1569	7460	1 1/2	1569	7460	3	1569		NA				
CIRCLING	7460	1 1/4	1559	7460	1 1/2	1559	8480	3	2579		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING TO RWY 02, 29 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUCK VIA V200-392 SOUTHWEST BOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 5901 THRE: 5891 AIRPORT NAME:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	TRUCKEE-TAHOE		RNAV (GPS) Y RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WINUB (MAP)	6301 MSL	181.52	
6301 MSL	AWEGA (FB)		
AWEGA	WIKEX (FO)	049.86 / 12.30	11500

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FMG VORTAC AIRWAY RADIALS 192 CW 332.
CHART NOTE: STRAIGHT-IN AND CIRCLING TO RWY 20 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

4

CITY AND STATE	ELEVATION: 5901 THRE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Y RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTRK
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
FTP LATITUDE	391927.7785N
FTP LONGITUDE	1200739.7055W
LTP/FTP ELLIPSOIDAL HEIGHT	+17719
FPAP LATITUDE	391801.8360N
FPAP LONGITUDE	1200810.3490W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	4DDF946D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17955
FPAP ORTHOMETRIC HEIGHT	+17955

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FMG   K2011790VTHWNN39315255W119392186    N39315255W119392186E0160059492     NARMUSTANG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AWEGA K20    W     N39364983W120013106                      E0140     NAR           AWEGA
        SUSAEAENRT   FILUV K20    W     N39245753W120054193                      E0140     NAR           FILUV
        SUSAEAENRT   OPOJI K20    W     N39284476W120042058                      E0140     NAR           OPOJI
        SUSAEAENRT   TRUCK K20    C   L N39261567W120094248                      E0140     NAR           TRUCK
        SUSAEAENRT   WIKEX K20    W     N39421451W119471239                      E0140     NAR           WIKEX
        SUSAEAENRT   WINUB K20    W     N39201388W120072326                      E0140     NAR           WINUB
        SUSAEAENRT   YAKYU K20    W     N39233659W120061087                      E0140     NAR           YAKYU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2ATRK     0     069YHN39191215W120082243E014005901         1800018000C    MNAR    TRUCKEE-TAHOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2FR20-Y AFMG   010FMG  K2D 0V       IF                                                18000                A JS
        SUSAP KTRKK2FR20-Y AFMG   020AWEGAK2EA0EY   020TF                    27220178    + 10700                              A JS
        SUSAP KTRKK2FR20-Y AFMG   030AWEGAK2EA0EE AR   HF                    18120070    + 10700                              A JS
        SUSAP KTRKK2FR20-Y ATRUCK 010TRUCKK2EA0E       IF                                                18000                A JS
        SUSAP KTRKK2FR20-Y ATRUCK 020AWEGAK2EA0EY   020TF                    01690123    + 10700                              A JS
        SUSAP KTRKK2FR20-Y ATRUCK 030AWEGAK2EA0EE AR   HF                    18120070    + 10700                              A JS
        SUSAP KTRKK2FR20-Y R      010AWEGAK2EA0E  I    IF                                + 10700     18000                A JS
        SUSAP KTRKK2FR20-Y R      020OPOJIK2EA1E  F 051TF                    18120084    + 09500                 WINUB K2EAA JS
        SUSAP KTRKK2FR20-Y R      020OPOJIK2EA2WALP        N          ALNAV                                                    JS
        SUSAP KTRKK2FR20-Y R      021FILUVK2EA0E S  031TF                    18150039    V 0804008040        -350          A JS
        SUSAP KTRKK2FR20-Y R      022YAKYUK2EA0E S  031TF                    18150014    V 0752007520        -350          A JS
        SUSAP KTRKK2FR20-Y R      030WINUBK2EA0EY M 031TF                    18150035      06222             -350          A JS
        SUSAP KTRKK2FR20-Y R      040          0  M     CA                    1815        + 06301                              A JS
        SUSAP KTRKK2FR20-Y R      050AWEGAK2EA0E   R   DF                                                                      A JS
        SUSAP KTRKK2FR20-Y R      060WIKEXK2EA0EY   010TF                    0499        + 11500                              A JS
        SUSAP KTRKK2FR20-Y R      070WIKEXK2EA0EE  R   HM                    13560070    + 11500                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 5901 THRE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Y RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
      SUSAP KTRKK2GRW20     0046481960 N39193108W120075507-0101     +1771905891011430075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KTRKK2PR20-Y RW20 001Y0000W20A0N3919277785W12007397055+17719035ON3918018360W12008103490106750000000300F4000004DDF946D
      SUSAP KTRKK2PR20-Y RW20 002E      +17955+17955LP        50535

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KTRKK2SWINUBK2EA               0   18018012025                                                                    M
```

CITY AND STATE	ELEVATION: 5901 TDZE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Y RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FMG	FMG	010		IF		FB					
	FMG	AWEGA	020		TF		FO	2.0	272.2(286.2T)	017.8	AA 10700	
	FMG	AWEGA	030	IAF	HF	R	FO		181.2(195.2T)	007.0	AA 10700	
	TRUCK	TRUCK	010		IF		FB					
	TRUCK	AWEGA	020		TF		FO	2.0	016.9(030.9T)	012.3	AA 10700	
	TRUCK	AWEGA	030	IAF	HF	R	FO		181.2(195.2T)	007.0	AA 10700	
		AWEGA	010	FACF	IF		FB				AA 10700	
		OPOJI	020	FAF	TF		FB	0.5	181.2(195.2T)	008.4	AA 09500	
		FILUV	021	SDF	TF		FB	0.3	181.5(195.5T)	003.9	AA 08040 GS 08040	
		YAKYU	022	SDF	TF		FB	0.3	181.5(195.5T)	001.4	AA 07520 GS 07520	
		WINUB	030	MAP	TF		FO	0.3	181.5(195.5T)	003.5	AT 06222	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		181.5(195.5T)		AA 06301	
	AWEGA	050		DF	R	FB					
	WIKEX	060		TF		FO	1.0	049.9(063.9T)		AA 11500	
	WIKEX	070		HM	R	FO		135.6(149.6T)	007.0	AA 11500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FMG	N393152.55	W1193921.86	N3931.876	W11939.364
	AWEGA	N393649.83	W1200131.06	N3936.831	W12001.518
	FILUV	N392457.53	W1200541.93	N3924.959	W12005.699
	OPOJI	N392844.76	W1200420.58	N3928.746	W12004.343
	TRUCK	N392615.67	W1200942.48	N3926.261	W12009.708
	WIKEX	N394214.51	W1194712.39	N3942.242	W11947.207
	WINUB	N392013.88	W1200723.26	N3920.231	W12007.388
	YAKYU	N392336.59	W1200610.87	N3923.610	W12006.181
	RW20	N391931.08	W1200755.07	N3919.518	W12007.918

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	05891	30

CITY AND STATE	ELEVATION: 5901 TDZE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Y RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRUCK	AWEGA (FO)	016.93 / 12.32	10700
FMG VORTAC	AWEGA (FO)	272.24 / 17.83	10700
AWEGA (IF/IAF)	OPOJI (FB)	181.15 / 8.37	9500
OPOJI (FAF)	FILUV/4.90 NM TO WINUB (FB)	181.52 / 3.93	
FILUV/4.90 NM TO WINUB	YAKYU/3.50 NM TO WINUB (FB)	181.52 / 1.40	
YAKYU/3.50 NM TO WINUB	WUDVU/2.50 NM TO WINUB (FB)	181.52 / 1.00	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: WINUB
LP: WINUB

CLIMBING RIGHT TURN TO 11500 DIRECT AWEGA AND ON TRACK 049.86 TO WIKEX AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N AWEGA, RT, 181.15 INBOUND, 10700 FT. IN LIEU OF PT (IAF)
3. FAC: 181.52 FAF: OPOJI DIST FAF TO MAP: 8.83 THLD: 9.63
4. MIN. ALT: AWEGA 10700, OPOJI 9500, FILUV/4.90 NM TO WINUB 8040, YAKYU/3.50 NM TO WINUB 7520, (SEE FORM 8260-10)
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: WINUB 12000

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 135.63 INBOUND.
CHART FAS OBST: 6208 TREE 392039N/1200652W
8644 AAO 392820N/1200223W
6802 AAO 392245N/1200657W
7560 AAO 392739N/1200336W
CHART VDP AT 0.53 MILES TO WINUB*
WAAS CHANNEL # 87135
REFERENCE PATH ID: W20B
OPOJI TO RW20: 3.50/30.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.51 DEGREES
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 5000 FROM THLD.
LTP HAE: 1771.9 M

MAG VAR: 14E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	6420	1	529	6420	1	529	6420	1 1/2	529		NA				
LNAV MDA	7120	1 1/4	1229	7120	1 1/2	1229	7120	3	1229		NA				
CIRCLING	7120	1 1/4	1219	7200	1 1/2	1299	8480	3	2579		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING TO RWYS 02, 29 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: MISSED APPROACH REQUIRES MINIMUM CLIMB OF 310 FEET PER NM TO 9200; IF UNABLE, SEE RNAV (SEE FORM 8260-10)

4

CITY AND STATE	ELEVATION: 5901 THRE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Z RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 4, (CONT.):
WUDVU/2.50 NM TO WINUB 7120

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WUDVU/2.50 NM TO WINUB	WINUB (MAP) (FO)	181.52 / 2.50	
WINUB (MAP)	6301 MSL	181.52	
6301 MSL	AWEGA (FB)		
AWEGA	WIKEX (FO)	049.86 / 12.30	11500

NOTES, (CONT.):
(GPS) Y RWY 20.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRUCK VIA V200-392 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FMG VORTAC AIRWAY RADIALS 192 CW 332.
CHART NOTE: STRAIGHT-IN AND CIRCLING TO RWY 20 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CITY AND STATE	ELEVATION: 5901 THRE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Z RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTRK
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20B
FTP LATITUDE	391927.7785N
FTP LONGITUDE	1200739.7055W
LTP/FTP ELLIPSOIDAL HEIGHT	+17719
FPAP LATITUDE	391801.8360N
FPAP LONGITUDE	1200810.3490W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	15EF282A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17955
FPAP ORTHOMETRIC HEIGHT	+17955

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PMG   K2011790VTHWNN39315255W119392186    N39315255W119392186E0160059492     NARMUSTANG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AWEGA K20    W     N39364983W120013106                    E0140     NAR           AWEGA
        SUSAEAENRT   FILUV K20    W     N39245753W120054193                    E0140     NAR           FILUV
        SUSAEAENRT   OPOJI K20    W     N39284476W120042058                    E0140     NAR           OPOJI
        SUSAEAENRT   TRUCK K20    C   L N39261567W120094248                    E0140     NAR           TRUCK
        SUSAEAENRT   WIKEX K20    W     N39421451W119471239                    E0140     NAR           WIKEX
        SUSAEAENRT   WINUB K20    W     N39201388W120072326                    E0140     NAR           WINUB
        SUSAEAENRT   WUDVU K20    W     N39223856W120063160                    E0140     NAR           WUDVU
        SUSAEAENRT   YAKYU K20    W     N39233659W120061087                    E0140     NAR           YAKYU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2ATRK     0     069YHN39191215W120082243E014005901         1800018000C     MNAR     TRUCKEE-TAHOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2FR20-Z AFMG   010FMG  K2D 0V       IF                                                  18000                 A JS
        SUSAP KTRKK2FR20-Z AFMG   020AWEGAK2EA0EY   020TF                    27220178    + 10700                                  A JS
        SUSAP KTRKK2FR20-Z AFMG   030AWEGAK2EA0EE AR   HF                  18120070    + 10700                                  A JS
        SUSAP KTRKK2FR20-Z ATRUCK 010TRUCKK2EA0E       IF                                                  18000                 A JS
        SUSAP KTRKK2FR20-Z ATRUCK 020AWEGAK2EA0EY   020TF                    01690123    + 10700                                  A JS
        SUSAP KTRKK2FR20-Z ATRUCK 030AWEGAK2EA0EE AR   HF                  18120070    + 10700                                  A JS
        SUSAP KTRKK2FR20-Z R      010AWEGAK2EA0E  I    IF                              + 10700     18000                        A JS
        SUSAP KTRKK2FR20-Z R      020OPOJIK2EA1E  F 051TF                  18120084    + 09500                 WINUB K2EAA  JS
        SUSAP KTRKK2FR20-Z R      020OPOJIK2EA2WALP          N       ALNAV                                                    JS
        SUSAP KTRKK2FR20-Z R      021FILUVK2EA0E S  031TF                  18150039    V 0804008040        -350             A JS
        SUSAP KTRKK2FR20-Z R      022YAKYUK2EA0E S  031TF                  18150014    V 0752007520        -350             A JS
        SUSAP KTRKK2FR20-Z R      023WUDVUK2EA0E S  031TF                  18150010    V 0712007147        -350             A JS
        SUSAP KTRKK2FR20-Z R      030WINUBK2EA0EY M 031TF                  18150025      06222             -350             A JS
        SUSAP KTRKK2FR20-Z R      040          0  M     CA                  1815        + 06301                              A JS
        SUSAP KTRKK2FR20-Z R      050AWEGAK2EA0E   R   DF                                                                   A JS
        SUSAP KTRKK2FR20-Z R      060WIKEXK2EA0EY   010TF                   0499        + 11500                              A JS
        SUSAP KTRKK2FR20-Z R      070WIKEXK2EA0EE  R   HM                  13560070    + 11500                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2
```

CITY AND STATE	ELEVATION: **5901** **THRE: 5891**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: **TRUCKEE-TAHOE**	**RNAV**	**RNAV (GPS) Z RWY 20, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

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```
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2GRW20     0046481960 N39193108W120075507-0101     +17719058910114300 75R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2PR20-Z RW20 001Z0000W20B0N3919277785W12007397055+177190350N3918018360W120081034901067500000003 00F40000015EF282A
        SUSAP KTRKK2PR20-Z RW20 002E      +17955+17955LP        87135

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTRKK2SWINUBK2EA              0   18018012025                                                                    M
```

CITY AND STATE	ELEVATION: 5901 THRE: 5891	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: TRUCKEE-TAHOE	RNAV	RNAV (GPS) Z RWY 20, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FMG	FMG	010		IF		FB					
	FMG	AWEGA	020		TF		FO	2.0	272.2(286.2T)	017.8	AA 10700	
	FMG	AWEGA	030	IAF	HF	R	FO		181.2(195.2T)	007.0	AA 10700	
	TRUCK	TRUCK	010		IF		FB					
	TRUCK	AWEGA	020		TF		FO	2.0	016.9(030.9T)	012.3	AA 10700	
	TRUCK	AWEGA	030	IAF	HF	R	FO		181.2(195.2T)	007.0	AA 10700	
		AWEGA	010	FACF	IF		FB				AA 10700	
		OPOJI	020	FAF	TF		FB	0.5	181.2(195.2T)	008.4	AA 09500	
		FILUV	021	SDF	TF		FB	0.3	181.5(195.5T)	003.9	AA 08040 GS 08040	
		YAKYU	022	SDF	TF		FB	0.3	181.5(195.5T)	001.4	AA 07520 GS 07520	
		WUDVU	023	SDF	TF		FB	0.3	181.5(195.5T)	001.0	AA 07120 GS 07147	
		WINUB	030	MAP	TF		FO	0.3	181.5(195.5T)	002.5	AT 06222	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		181.5(195.5T)		AA 06301	
	AWEGA	050		DF	R	FB					
	WIKEX	060		TF		FO	1.0	049.9(063.9T)		AA 11500	
	WIKEX	070		HM	R	FO		135.6(149.6T)	007.0	AA 11500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FMG	N393152.55	W1193921.86	N3931.876	W11939.364
	AWEGA	N393649.83	W1200131.06	N3936.831	W12001.518
	FILUV	N392457.53	W1200541.93	N3924.959	W12005.699
	OPOJI	N392844.76	W1200420.58	N3928.746	W12004.343
	TRUCK	N392615.67	W1200942.48	N3926.261	W12009.708
	WIKEX	N394214.51	W1194712.39	N3942.242	W11947.207
	WINUB	N392013.88	W1200723.26	N3920.231	W12007.388
	WUDVU	N392238.56	W1200631.60	N3922.643	W12006.527
	YAKYU	N392336.59	W1200610.87	N3923.610	W12006.181
	RW20	N391931.08	W1200755.07	N3919.518	W12007.918

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	05891	30

CITY AND STATE	ELEVATION: **5901** **THRE: 5891**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TRUCKEE, CA	AIRPORT NAME: **TRUCKEE-TAHOE**	**RNAV**	**RNAV (GPS) Z RWY 20, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
TRUCKEE, CA	TRUCKEE-TAHOE	8 JANUARY 2015	5

TAKEOFF MINIMUMS:

RWY 11, 20, NA - OBSTACLES.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2, 29 - USE TRUCK DEPARTURE

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

REMARKS:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
TRUCKEE, CA	TRUCKEE-TAHOE	8 JANUARY 2015	5

FLIGHT INSPECTED BY:

James Meek 2/12/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

CHARLES ERICKSON AJV-354 09/10/2013

APPROVED BY:

LARRY STROUT AJV-354 8/26/14

COORDINATED WITH:

ALPA, AOPA, NBAA, ZOA, APT MANAGER, OAK FSS, AV DIR

CHANGES:

1. CHANGED RUNWAY NUMBERING FROM RWY/S 1/19, 10/28, TO 2/20, 11/29.

REASONS:

1. AIRPORT MAGVAR CHANGED FROM 16E TO 14E (EPOCH YR 2015), AIRPORT ELECTED TO HAVE RUNWAYS REPAINTED AND RENUMBERED AND SOON REALIZED THAT THEY HAD NOT TAKE ACTION TO HAVE INSTRUMENT PROCEDURES AMENDED, RUNWAY NUMBERING NOTAMS WERE ISSUED. THIS AMENDMENT SUBMITTED TO CORRECT RWY NUMBERING ISSUE AND CLEAR NOTAMS.

3

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TRUCK	FOUR	TRUCK4.TRUCK	THREE	25 SEP 08	8 JANUARY 2015

TYPE: OBSTACLE

DP ROUTE DESCRIPTION:

TAKEOFF RWY 2: CLIMBING LEFT TURN TO 11500 ON HEADING 275.00 AND SWR R-002 TO TRUCK INT, THENCE..., OR FOR CLIMB IN VISUAL CONDITIONS CROSS TRUCKEE-TAHOE AIRPORT HEADING 290.00 AT OR ABOVE 9100, THEN PROCEED ON SWR R-002 TO TRUCK INT. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. THENCE...

TAKEOFF RWY 29: CLIMBING RIGHT TURN TO 11500 ON HEADING 320.00 AND SWR R-002 TO TRUCK INT, THENCE..., OR FOR CLIMB IN VISUAL CONDITIONS CROSS TRUCKEE-TAHOE AIRPORT HEADING 290.00 AT OR ABOVE 9100. THEN PROCEED ON SWR R-002 TO TRUCK INT. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. THENCE...

...CONTINUE CLIMB IN TRUCK INT HOLDING PATTERN (HOLD S, LT, 001.99 INBOUND) TO CROSS TRUCK INT AT OR ABOVE 11500 BEFORE PROCEEDING ON COURSE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:
11, 20, NA – OBSTACLES
RWY 2: STANDARD WITH MINIMUM CLIMB OF 415 FT PER NM TO 11500, OR 3300-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 29: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 11500, OR 3300-3 FOR CLIMB IN VISUAL CONDITIONS.

TAKEOFF OBSTACLES NOTES:

RWY 2: TREES BEGINNING 2 FT FROM DER, 288 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/5939 FT MSL. TREES BEGINNING 420 FT FROM DER, 312 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/5939 FT MSL.
RWY 29: TREES BEGINNING 679 FT FROM DER, 507 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/5997 FT MSL. TREES BEGINNING 116 FT FROM DER, 412 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/5971 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 6919 FT MSL AAO 392252.00N/1200710.15W.
RWY 29: 6870 FT MSL TREE 392109.18N/1201143.41W.
Rwy 2, 29 (VCOA): 8817 FT MSL AAO 391426.70N/1200826.70W.
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 1, 29 – 10996 FT MSL AAO 392034.70N/1195454.70W.

LOST COMMUNICATIONS PROCEDURES:

QUALITY 3

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TRUCK	FOUR	TRUCK4.TRUCK	THREE	25 SEP 08	8 JANUARY 2015

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KTRK 14E EPOCH YR: 2015
CHART V200-392 (FMG R-241)
CHART DME TO TRUCK INT FROM FMG AND SWR

AIRPORTS SERVED:

TRUCKEE-TAHOE	TRUCKEE, CA

COMMUNICATIONS:

ZOA, UNICOM (CTAF), AWOS-3

FIXES AND/OR NAVAIDS:

FMG VORTAC

REMARKS:

EACH RWY HAS OBSTACLE CLIMB GRADIENT THAT OSG REQUESTED BE MAINTAINED TO 11500 (MEA AT TRUCK INT).

ALTHOUGH AIRPORT MAGVAR NOT NORMALLY ROTATED UNTIL 3 DEGREES DISPARITY, AIRPORT HAD PAINTED NEW RWY NUMBERS AND SENT OUT NOTAM/S, ODP AMENDED TO CLEAR RWY NUMBERING NOTAM ISSUE.

CONTROLLING OBSTACLE FOR RWY 29 IS 60 FT TREE ADDED TO SURVEYED MOUNTAIN PEAK (KTRK0015)

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
TRUCK	FOUR	TRUCK4.TRUCK	THREE	25 SEP 08	8 JANUARY 2015

FLIGHT INSPECTED BY:
James Meek 2/12/14

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY:
CHARLES ERICKSON AJV-354 09/21/2013

APPROVED BY:
LARRY STROUT AJV-354 8/26/14

COORDINATED WITH:
ALPA, AOPA, NBAA, ZOA, RNO FSS, APT MGR, AV DIR

CHANGES:

1. CHANGED RWY 1/19 TO RWY 2/20 AND RWY 10/28 TO RWY 11/29
2. CHANGED DP ROUTE DESCRIPTION FROM :
TAKEOFF RWY 1: CLIMBING LEFT TURN TO 11,500 VIA HEADING 275 AND SWR R-002 TO TRUCK INT, THENCE..., OR, CLIMB IN VISUAL CONDITIONS TO CROSS TRUCKEE-TAHOE AIRPORT HEADING 290 AT OR ABOVE 9100, THEN PROCEED ON SWR R-002 TO TRUCK INT, THENCE...
TAKEOFF RWY 28: CLIMBING RIGHT TURN TO 11,500 VIA HEADING 320 AND SWR R-002 TO TRUCK INT, THENCE..., OR, CLIMB IN VISUAL CONDITIONS TO CROSS TRUCKEE-TAHOE AIRPORT HEADING 290 AT OR ABOVE 9100. THEN PROCEED ON SWR R-002 TO TRUCK INT, THENCE...
...CROSS TRUCK INT AT OR ABOVE 11,500. IF REQUIRED CONTINUE CLIMB IN TRUCK INT HOLDING PATTERN (HOLD S, LT, 001.99 INBOUND) TO CROSS TRUCK INT AT OR ABOVE11,500.
TO:
TAKEOFF RWY 2: CLIMBING LEFT TURN TO 11500 ON HEADING 275.00 AND SWR R-002 TO TRUCK INT, THENCE..., OR FOR CLIMB IN VISUAL CONDITIONS CROSS TRUCKEE-TAHOE AIRPORT HEADING 290.00 AT OR ABOVE 9100, THEN PROCEED ON SWR R-002 TO TRUCK INT. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. THENCE...
TAKEOFF RWY 29: CLIMBING RIGHT TURN TO 11500 ON HEADING 320.00 AND SWR R-002 TO TRUCK INT, THENCE..., OR FOR CLIMB IN VISUAL CONDITIONS CROSS TRUCKEE-TAHOE AIRPORT HEADING 290.00 AT OR ABOVE 9100. THEN PROCEED ON SWR R-002 TO TRUCK INT. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE. THENCE...
...CONTINUE CLIMB IN TRUCK INT HOLDING PATTERN (HOLD S, LT, 001.99 INBOUND) TO CROSS TRUCK INT AT OR ABOVE 11500 BEFORE PROCEEDING ON COURSE.
3. CLIMB GRADIENT FOR RWY 29 REDUCED FROM 510 FT PER NM TO 500 FT PER NM AND MAINTAINED TO 11500.
4. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1 AIRPORT MAGVAR ROTATED FROM 16E TO 14E.
2. VERBIAGE CHANGED TO COINCIDE WITH THAT IN 8260.46D. "FOR" ADDED IN FRONT OF CLIMB IN VISUAL CONDITIONS. "WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE." MUST NOW BE INCLUDED AT THE END OF THE VCOA INSTRUCTIONS.
SHOULD NOT MANDATE A CROSSING INSTRUCTION THEN GIVE OTHER INSTRUCTIONS IN THE EVENT THAT THERE WAS NON-COMPLIANCE.
3. AIRPORT HAS DIRECTED USE OF 60' TREES IN THIS PROCEDURE DEVELOPMENT, PREVIOUS CONTROLLING OBSTACLE FOR RWY 28 APPEARED TO USE 100' TREE. MAINTAINING CG TO 11500 TO COINCIDE WITH DEPARTURE OFF RWY 2 PER OSG DIRECTION (11500 IS MEA ON THE AIRWAY).
4. UPDATED OBSTACLE DATA BASE.

QUALITY 3 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV OR GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: NA

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
TRUCKEE, CA	**ELEVATION: 5900** **TDZE:** AIRPORT NAME: **TRUCKEE-TAHOE**	**SWR**	**VOR/DME RNAV OR GPS-A, AMDT 5A, 10/23/1992**	SUP AMDT **5** DATE **02/11/1992**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. _____
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____
4. MIN. ALT _____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY CHECKED 9

CITY AND STATE	ELEVATION: 85 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS-A
BONIFAY, FL	**TRI-COUNTY**	**BKK**	**NDB-A, AMDT 2, 12/15/2011**	AMDT 1A
				DATE 03/10/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE	ELEVATION: 10 TDZE: 10	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
NEW SMYRNA BEACH, FL	AIRPORT NAME: NEW SMYRNA BEACH MUNI	EVB	NDB RWY 29, AMDT 2A, 04/03/2014	AMDT 2
				DATE 11/23/2006

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY CHECKED

CITY AND STATE	ELEVATION: 11 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ST PETERSBURG-CLEARWATER, FL	AIRPORT NAME: **ST PETE-CLEARWATER INTL**	**PIE**	**VOR/DME-B, ORIG-A, 04/03/2014**	AMDT **ORIG**
				DATE **10/17/2013**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CORNELIA, GA	**ELEVATION: 1448 THRE: 1408** AIRPORT NAME: **HABERSHAM COUNTY**	**AJR**	**NDB RWY 6, AMDT 2, 06/30/2011**	SUP QUALITY 4 AMDT 1D CHECKED DATE 06/03/2010

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015.

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 1300 TDZE: 1296	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CRESTON, IA	AIRPORT NAME: CRESTON MUNI	UNE	NDB RWY 34, AMDT 2A, 12/13/12	AMDT 2
				DATE 01/18/2007

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1197 TDZE: 1197	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LE MARS, IA	AIRPORT NAME: **LE MARS MUNI**	**SUX**	**VOR/DME RWY 36, AMDT 4A, 05/29/2014**	AMDT **4**
				DATE **05/02/2013**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY CHECKED 9

CITY AND STATE	ELEVATION: 1096 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OLATHE, KS	AIRPORT NAME: **JOHNSON COUNTY EXECUTIVE**	**IX**	**NDB-B, AMDT 3A, 02/10/2011**	AMDT **3**
				DATE **11/23/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LSU VORTAC	JEVOV (FB)	233.09 / 28.58	2100
JEVOV (IAF)	SPILL (NOPT) (FB)	197.14 / 5.00	2100
SPILL (IF/IAF)	ATCHA (FB)	287.12 / 6.00	1700
ATCHA (FAF)	RW29 (MAP) (FO)	287.06 / 4.99	
RW29 (MAP)	294 MSL	287.06	
294 MSL	SUVDE (FB)		
SUVDE	RAYNE (FO)	274.26 / 14.32	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

CLIMB TO 2800 DIRECT SUVDE AND ON TRACK 274.26 TO RAYNE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 098.00 INBOUND.
CHART FAS OBST: 117 TREE 301220N/0915851W
CHART: ASR.
CHART A-381.
DISTANCE TO THLD FROM 252 HAT: 0.65 NM.
WAAS CHANNEL # 45703
REFERENCE PATH ID: W29A
LTP HAE: -16.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E SPILL, RT, 287.12 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 287.06 FAF: ATCHA DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: SPILL 2100, ATCHA 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: ATCHA 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW29 2900

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	294	1	252	294	1	252	294	1	252	294	1	252			
LNAV/VNAV DA	462	1 1/2	420	462	1 1/2	420	462	1 1/2	420	462	1 1/2	420			
LNAV MDA	400	1	358	400	1	358	400	1	358	400	1 1/4	358			
CIRCLING	540	1	498	580	1	538	580	1 1/2	538	660	2	618			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING ACADIANA RGNL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECK

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: 4
LAFAYETTE, LA	AIRPORT NAME: LAFAYETTE RGNL	RNAV	RNAV (GPS) RWY 29, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A
				DATED 08/22/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACADIANA RGNL ALTIMETER SETTING AND INCREASE ALL DA 29 FEET/MDA 40 FEET AND LNAV CATS C AND D AND CIRCLING CAT C VISIBILITIES 1/8 MILE .
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LSU VORTAC ON AIRWAY RADIALS 239 CW 258.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAFAYETTE, LA	AIRPORT NAME: **LAFAYETTE RGNL**	**RNAV**	**RNAV (GPS) RWY 29, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **08/22/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLFT
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	301209.2460N
LTP/FTP LONGITUDE	0915855.4675W
LTP/FTP ELLIPSOIDAL HEIGHT	-00165
FPAP LATITUDE	301239.8200N
FPAP LONGITUDE	0920032.0900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E870CEC8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00108
FPAP ORTHOMETRIC HEIGHT	+00108

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAFAYETTE, LA	AIRPORT NAME: LAFAYETTE RGNL	RNAV	RNAV (GPS) RWY 29, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A
				DATED: 08/22/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LSU   K4011650VTLW N30290647W091173862    N30290647W091173862E0060000201     NARFIGHTING TIGERS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATCHA K40    W     N30102635W091533078                    E0006     NAR           ATCHA
        SUSAEAENRT   JEVOV K40    W     N30130464W091450140                    E0005     NAR           JEVOV
        SUSAEAENRT   RAYNE K40    C   L N30143816W092172945                    E0009     NAR           RAYNE
        SUSAEAENRT   SPILL K40    W     N30082229W091470051                    E0006     NAR           SPILL
        SUSAEAENRT   SUVDE K40    W     N30125041W092010560                    E0007     NAR           SUVDE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLFTK4ALFT     0     080YHN30121810W091591590E003000042         1800018000C    MNAR    LAFAYETTE RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLFTK4FR29   ALSU   010LSU  K4D 0V       IF                                          18000                A JS
        SUSAP KLFTK4FR29   ALSU   020JEVOVK4EA0E  A 020TF                    23310286    + 02100                      A JS
        SUSAP KLFTK4FR29   ALSU   030SPILLK4EA0EE B 010TF                    19710050    + 02100                      A JS
        SUSAP KLFTK4FR29   ASPILL 010SPILLK4EA0EE AR   HF                   28710050    + 02100     18000            A JS
        SUSAP KLFTK4FR29   R      010SPILLK4EA0E  I    IF                               + 02100     18000            A JS
        SUSAP KLFTK4FR29   R      020ATCHAK4EA1E  F 051TF                    28710060    + 01700                RW29  K4PGA JS
        SUSAP KLFTK4FR29   R      020ATCHAK4EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KLFTK4FR29   R      030RW29 K4PG0GY M 031TF                    28710050      00085          -300          A JS
        SUSAP KLFTK4FR29   R      040         0  M     CA                   2871        + 00294                      A JS
        SUSAP KLFTK4FR29   R      050SUVDEK4EA0E       DF                                                           A JS
        SUSAP KLFTK4FR29   R      060RAYNEK4EA0EY   010TF                    2743        + 02800                      A JS
        SUSAP KLFTK4FR29   R      070RAYNEK4EA0EE  R   HM                   09800050    + 02800                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLFTK4GRW29    0054012870 N30120925W091585547+0000    -00165000350000050148R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLFTK4PR29   RW29 001 0000W29A0N3012092460W09158554675-001650300N3012398200W092003209001067511040005O0F400500E870CEC8
```

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAFAYETTE, LA	AIRPORT NAME: **LAFAYETTE RGNL**	**RNAV**	**RNAV (GPS) RWY 29, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **08/22/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KLFTK4PR29   RW29 002E      +00108+00108LPV       45703
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLFTK4SRW29 K4PG                0   18018002925                                                                          M
```

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAFAYETTE, LA	AIRPORT NAME: LAFAYETTE RGNL	RNAV	RNAV (GPS) RWY 29, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A DATED: 08/22/2013

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

Page 5 of 6 Pages

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LSU	LSU	010		IF		FB					
	LSU	JEVOV	020	IAF	TF		FB	2.0	233.1(236.1T)	028.6	AA 02100	
	LSU	SPILL	030		TF		FB	1.0	197.1(200.1T)	005.0	AA 02100	
	SPILL	SPILL	010	IAF	HF	R	FO		287.1(290.1T)	005.0	AA 02100	
		SPILL	010	FACF	IF		FB				AA 02100	
		ATCHA	020	FAF	TF		FB	0.5	287.1(290.1T)	006.0	AA 01700	
		RW29	030	MAP	TF		FO	0.3	287.1(290.1T)	005.0	AT 00085	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		287.1(290.1T)		AA 00294	
	SUVDE	050		DF		FB					
	RAYNE	060		TF		FO	1.0	274.3(277.3T)		AA 02800	
	RAYNE	070		HM	R	FO		098.0(101.0T)	005.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LSU	N302906.47	W0911738.62	N3029.108	W09117.644
	ATCHA	N301026.35	W0915330.78	N3010.439	W09153.513
	JEVOV	N301304.64	W0914501.40	N3013.077	W09145.023
	RAYNE	N301438.16	W0921729.45	N3014.636	W09217.491
	SPILL	N300822.29	W0914700.51	N3008.372	W09147.009
	SUVDE	N301250.41	W0920105.60	N3012.840	W09201.093
	RW29	N301209.25	W0915855.47	N3012.154	W09158.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00035	50

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAFAYETTE, LA	AIRPORT NAME: LAFAYETTE RGNL	RNAV	RNAV (GPS) RWY 29, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A
				DATED: 08/22/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WRACK INT	FWX NDB	208.88 / 18.40	2000
MOGAN INT	FWX NDB	117.65 / 11.62	2000
LSU VORTAC (IAF)	RONDA INT (NOPT)	278.64 / 10.76	2000
RONDA INT (IF)	HAZER INT	000.30 / 6.15 (I-HZR)	1600

MISSED APPROACH

MAP: 4.72 MILES AFTER HAZER INT

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT FWX NDB AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT LSU VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 000.30 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW LSU VORTAC, RT, 065.00 INBOUND.
FAS OBST: 239 AAO 303901N/0912929W
CHART IN PLANVIEW: LSU VORTAC.
HAZER TO RW36: 3.03/50.
CHART MAX 6000 AT FWX NDB.
CHART: BATON ROUGE ASOS 125.2

1. PT **R** SIDE OF COURSE **180.30** OUTBOUND **2000** FT WITHIN **10** MILES OF **FWX NDB** (IAF)
2.
3. FAC **000.30** FAF **HAZER INT** DIST FAF TO MAP **4.72** THLD **4.72**
4. MIN. ALT **HAZER 1600**
8. MSA FROM: **FWX NDB 110-200 2800, 200-110 1900**

MAG VAR: **4E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	540	1	503	540	1	503	540	1 1/2	503	540	1 1/2	503			
CIRCLING	540	1	500	540	1	500	600	1 1/2	560	600	2	560			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LSU VORTAC AIRWAY RADIALS 239 CW 301.
CHART NOTE: USE BATON ROUGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAFAYETTE RGNL ALTIMETER (SEE FORM 8260-10)

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW ROADS, LA	**ELEVATION: 40 TDZE: 37** AIRPORT NAME: **FALSE RIVER RGNL**	**I-HZR**	**LOC RWY 36, AMDT 1A** 8 JANUARY 2015	SUP AMDT 1 DATE **11/20/2008**

QUALITY 4 CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE S-36 CAT D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCATION BELOW 1 SM NA.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW ROADS, LA	**ELEVATION: 40** **TDZE: 37** AIRPORT NAME: **FALSE RIVER RGNL**	**I-HZR**	**LOC RWY 36, AMDT 1A** 8 JANUARY 2015	SUP: AMDT: **1** DATED: **11/20/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LSU   K4011650VTLW N30290647W091173862    N30290647W091173862E0060000201     NARFIGHTING TIGERS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   MOGAN K40    C   L N30440542W091405031                    E0005     NAR           MOGAN
        SUSAEAENRT   WRACK K40    R   L N30532793W091174548                    E0002     NAR           WRACK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4AHZR     0     050YHN30430590W091284320E004000040         1800018000C    MNAR    FALSE RIVER RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4CHAZER K40    R     N30375852W091290991                    E0003     NAR           HAZER
        SUSAP KHZRK4CRONDA K40    R     N30314949W091294194                    E0003     NAR           RONDA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4FL36   ALSU   010LSU  K4D 0V  A    FC LSU K4      000000027860088D   + 02000     18000                0 NS
        SUSAP KHZRK4FL36   ALSU   020RONDAK4PC0EE B    CF IHZRK4      1803011927860020PI  + 02000                          0 NS
        SUSAP KHZRK4FL36   AMOGAN 010MOGANK4EA0E       IF                                      18000                0 NS
        SUSAP KHZRK4FL36   AMOGAN 020FWX  K4PN0N        TF                                + 02000                    0 NS
        SUSAP KHZRK4FL36   AMOGAN 030FWX  K4PN0NE AL    PI IHZRK4      1820005722530100PI  + 02000                          0 NS
        SUSAP KHZRK4FL36   AWRACK 010WRACKK4EA0E       IF                                      18000                0 NS
        SUSAP KHZRK4FL36   AWRACK 020FWX  K4PN0N        TF                                + 02000                    0 NS
        SUSAP KHZRK4FL36   AWRACK 030FWX  K4PN0NE AL    PI IHZRK4      1820005722530100PI  + 02000                          0 NS
        SUSAP KHZRK4FL36   L      010RONDAK4PC0E  I     IF IHZRK4      18030119        PI  + 02000     18000                0 NS
        SUSAP KHZRK4FL36   L      020HAZERK4PC0E  F     CF IHZRK4      1803005700000062PI  + 01600                FWX   K4PN0 NS
        SUSAP KHZRK4FL36   L      030RW36 K4PG0GY M     CF IHZRK4      1803001000000047PI    00083           -303           0 NS
        SUSAP KHZRK4FL36   L      040         0  M      CA                     0003        + 00700                          0 NS
        SUSAP KHZRK4FL36   L      050FWX  K4PN0NY  L    DF                                + 02000                          0 NS
        SUSAP KHZRK4FL36   L      060FWX  K4PN0NE  R    HM                      0003T010    + 02000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4GRW36    0050030003 N30424126W091284533+0100    -0017300033000050075RIHZR0
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **40** **TDZE: 37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**I-HZR**	**LOC RWY 36, AMDT 1A** 8 JANUARY 2015	AMDT: **1**
				DATED: **11/20/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KHZRK4IIHZR0   011190RW36 N30434074W0912840140003                 1024     0600   E0040

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KHZRK4SFWX  K4PN               0   0202900192529002002825                                                            M

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAPNKHZRK4 FWX   K4003560H MW N30375930W091292187                    E0040          NARNEW ROADS
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **40** **TDZE: 37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**I-HZR**	**LOC RWY 36, AMDT 1A** 8 JANUARY 2015	AMDT: **1**
				DATED: **11/20/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LSU	LSU	010	IAF	FC		FB		278.6()	008.8	AA 02000	
	LSU	RONDA	020		CF		FB		278.6()	002.0	AA 02000	
	MOGAN	MOGAN	010		IF		FB					
	MOGAN	FWX	020		TF		FB				AA 02000	
	MOGAN	FWX	030	IAF	PI	L	FB		225.3()	010.0	AA 02000	
	WRACK	WRACK	010		IF		FB					
	WRACK	FWX	020		TF		FB				AA 02000	
	WRACK	FWX	030	IAF	PI	L	FB		225.3()	010.0	AA 02000	
		RONDA	010	FACF	IF		FB				AA 02000	
		HAZER	020	FAF	CF		FB		000.0()	006.2	AA 01600	
		RW36	030	MAP	CF		FO		000.0()	004.7	AT 00083	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		000.3()		AA 00700	
	FWX	050		DF	L	FO				AA 02000	
	FWX	060		HM	R	FO		000.3()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LSU	N302906.47	W0911738.62	N3029.108	W09117.644
	MOGAN	N304405.42	W0914050.31	N3044.090	W09140.839
	WRACK	N305327.93	W0911745.48	N3053.466	W09117.758
	HAZER	N303758.52	W0912909.91	N3037.975	W09129.165
	RONDA	N303149.49	W0912941.94	N3031.825	W09129.699
	RW36	N304241.26	W0912845.33	N3042.688	W09128.756
	IHZR (LOC)	N304340.74	W0912840.14	N3043.679	W09128.669
	FWX	N303759.30	W0912921.87	N3037.988	W09129.365

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00033	50

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **40** **TDZE: 37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**I-HZR**	**LOC RWY 36, AMDT 1A** 8 JANUARY 2015	AMDT: **1**
				DATED: **11/20/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WRACK INT	FWX NDB	208.88 / 18.40	2000
LSU VORTAC	FWX NDB	305.25 / 13.45	2000
MOGAN INT	FWX NDB	117.65 / 11.62	2000

MISSED APPROACH

MAP: 4.72 MILES AFTER FWX NDB

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT FWX NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 002.39 INBOUND.
FAS OBST: 244 AAO 303919N/0912943W
FWX NDB TO RW36: 3.03/50.
CHART: BATON ROUGE ASOS 125.2

1. PT **R** SIDE OF COURSE **182.39** OUTBOUND **2000** FT WITHIN **10** MILES OF **FWX NDB** (IAF)
2.
3. FAC **002.39** FAF **FWX NDB** DIST FAF TO MAP **4.72** THLD **4.72**
4. MIN. ALT **FWX NDB 1600**
8. MSA FROM: **FWX NDB 110-200 2800, 200-110 1900**

MAG VAR: **4E** EPOCH YEAR: **1985**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	600	1	563	600	1	563	600	1 1/2	563	600	1 3/4	563			
CIRCLING	600	1	560	600	1	560	600	1 1/2	560	600	2	560			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: HELICOPTER VISIBILITY REDUCATION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE BATON ROUGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAFAYETTE RGNL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE S-36 CATS C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW ROADS, LA	**ELEVATION: 40** **TDZE: 37** AIRPORT NAME: **FALSE RIVER RGNL**	**FWX**	**NDB RWY 36, AMDT 2A** 8 JANUARY 2015	SUP 4 AMDT 2 DATE **11/20/2008**

QUALITY CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LSU VORTAC	JASAS (FB)	347.67 / 25.38	1900
MOGAN	HOBUT (FB)	026.01 / 12.61	1900
HOBUT (IAF)	FENPU (NOPT) (FB)	090.26 / 5.00	1900
JASAS (IAF)	FENPU (NOPT) (FB)	270.36 / 5.00	1900
FENPU (IF/IAF)	CIDLA (FB)	180.31 / 6.15	1700
CIDLA (FAF)	RW18 (MAP) (FO)	180.30 / 5.00	
RW18 (MAP)	440 MSL	180.30	
440 MSL	OVBAE (FO)		2000

MISSED APPROACH

LNAV: RW18

CLIMB TO 2000 DIRECT OVBAE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 000.29 INBOUND.
FAS OBST: 244 AAO 304710N/0912845W
CIDLA TO RW18: 3.04/45.
CHART: BATON ROUGE ASOS 125.2

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N FENPU, RT, 180.31 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
3. FAC: 180.30 FAF: CIDLA DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: FENPU 1900, CIDLA 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW18 2800

MAG VAR: 4E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	560	1	520	560	1	520	560	1 1/2	520	560	1 3/4	520			
CIRCLING	560	1	520	560	1	520	600	1 1/2	560	600	2	560			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LSU VORTAC AIRWAY RADIALS 354 CW 041.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOGAN VIA V222 SOUTHWEST BOUND.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 40 TDZE: 40 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW ROADS, LA	FALSE RIVER RGNL	RNAV	RNAV (GPS) RWY 18, ORIG-A 8 JANUARY 2015	AMDT: ORIG DATED 06/05/2008

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NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCATION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: USE BATON ROUGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAFAYETTE RGNL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW ROADS, LA	**ELEVATION: 40** **TDZE: 40** AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 8 JANUARY 2015	SUP: AMDT: **ORIG** DATED: **06/05/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        LSU   K4011650VTLW N30290647W091173862    N30290647W091173862E0060000201     NARFIGHTING TIGERS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIDLA K40    W     N30483067W091281489                    E0003     NAR           CIDLA
        SUSAEAENRT   FENPU K40    W     N30543927W091274272                    E0003     NAR           FENPU
        SUSAEAENRT   HOBUT K40    W     N30550174W091333049                    E0003     NAR           HOBUT
        SUSAEAENRT   JASAS K40    W     N30541654W091215500                    E0002     NAR           JASAS
        SUSAEAENRT   MOGAN K40    C   L N30440542W091405031                    E0004     NAR           MOGAN
        SUSAEAENRT   OVBAE K40    W     N30303742W091294819                    E0003     NAR           OVBAE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4AHZR     0     050YHN30430590W091284320E004000040         1800018000C    MNAR    FALSE RIVER RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4FR18   AFENPU 010FENPUK4EA0EE AR   HF                    18030040    + 01900     18000                B JS
        SUSAP KHZRK4FR18   ALSU   010LSU  K4D 0V       IF                                            18000                B JS
        SUSAP KHZRK4FR18   ALSU   020JASASK4EA0E  A 020TF                    34770254    + 01900                          B JS
        SUSAP KHZRK4FR18   ALSU   030FENPUK4EA0EE B 010TF                    27040050    + 01900                          B JS
        SUSAP KHZRK4FR18   AMOGAN 010MOGANK4EA0E       IF                                            18000                B JS
        SUSAP KHZRK4FR18   AMOGAN 020HOBUTK4EA0E  A 020TF                    02600126    + 01900                          B JS
        SUSAP KHZRK4FR18   AMOGAN 030FENPUK4EA0EE B 010TF                    09030050    + 01900                          B JS
        SUSAP KHZRK4FR18   R      010FENPUK4EA0E  I    IF                                 + 01900     18000                B JS
        SUSAP KHZRK4FR18   R      020CIDLAK4EA1E  F 051TF                    18030062    + 01700                RW18  K4PGB JS
        SUSAP KHZRK4FR18   R      020CIDLAK4EA2WN          N          ALNAV                                                JS
        SUSAP KHZRK4FR18   R      030RW18 K4PG0GY M 031TF                    18030050      00085          -304               B JS
        SUSAP KHZRK4FR18   R      040         0  M     CA                    1803        + 00440                          B JS
        SUSAP KHZRK4FR18   R      050OVBAEK4EA0EY      DF                                 + 02000                          B JS
        SUSAP KHZRK4FR18   R      060OVBAEK4EA0EE  L   HM                    00030040    + 02000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4GRW18    0050031803 N30433063W091284103-0100    -0015400040000045075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **40** **TDZE: 40**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **06/05/2008**

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```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4SRW18 K4PG               0   18018002825                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 40 / TDZE: 40	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: FALSE RIVER RGNL	RNAV	RNAV (GPS) RWY 18, ORIG-A 8 JANUARY 2015	AMDT: ORIG DATED: 06/05/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FENPU	FENPU	010	IAF	HF	R	FO		180.3(184.3T)	004.0	AA 01900	
	LSU	LSU	010		IF		FB					
	LSU	JASAS	020	IAF	TF		FB	2.0	347.7(351.7T)	025.4	AA 01900	
	LSU	FENPU	030		TF		FB	1.0	270.4(274.4T)	005.0	AA 01900	
	MOGAN	MOGAN	010		IF		FB					
	MOGAN	HOBUT	020	IAF	TF		FB	2.0	026.0(030.0T)	012.6	AA 01900	
	MOGAN	FENPU	030		TF		FB	1.0	090.3(094.3T)	005.0	AA 01900	
		FENPU	010	FACF	IF		FB				AA 01900	
		CIDLA	020	FAF	TF		FB	0.5	180.3(184.3T)	006.2	AA 01700	
		RW18	030	MAP	TF		FO	0.3	180.3(184.3T)	005.0	AT 00085	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		180.3(184.3T)		AA 00440	
	OVBAE	050		DF		FO				AA 02000	
	OVBAE	060		HM	L	FO		000.3(004.3T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LSU	N302906.47	W0911738.62	N3029.108	W09117.644
	CIDLA	N304830.67	W0912814.89	N3048.511	W09128.248
	FENPU	N305439.27	W0912742.72	N3054.655	W09127.712
	HOBUT	N305501.74	W0913330.49	N3055.029	W09133.508
	JASAS	N305416.54	W0912155.00	N3054.276	W09121.917
	MOGAN	N304405.42	W0914050.31	N3044.090	W09140.839
	OVBAE	N303037.42	W0912948.19	N3030.624	W09129.803
	RW18	N304330.63	W0912841.03	N3043.511	W09128.684

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00040	45

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **40** TDZE: **40**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **06/05/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LSU VORTAC	RUGLE (FB)	277.66 / 5.63	2000
MOGAN	NUTUE (FB)	156.81 / 13.83	2000
RUGLE (IAF)	OVBAE (NOPT) (FB)	270.34 / 5.00	2000
NUTUE (IAF)	OVBAE (NOPT) (FB)	090.24 / 5.00	2000
OVBAE (IF/IAF)	CEBGA (FB)	000.29 / 6.15	2000
CEBGA (FAF)	RW36 (MAP) (FO)	000.30 / 5.92	
RW36 (MAP)	358 MSL	000.30	
358 MSL	FENPU (FO)		1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 1900 DIRECT FENPU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S OVBAE, LT, 000.29 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 000.30 FAF: CEBGA DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: OVBAE 2000, CEBGA 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: CEBGA 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW36 2800

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 180.31 INBOUND.
CHART FAS OBST: 85 OL ON POLE 304219N/0912851W
FAS OBST: 244 AAO 303919N/0912943W
DISTANCE TO THLD FROM 321 HAT: 0.86 NM.
WAAS CHANNEL # 42607
REFERENCE PATH ID: W36A
CHART: BATON ROUGE ASOS 125.2
LTP HAE: -17.3 M

MAG VAR: 4E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT
ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	358	1	321	358	1	321	358	1	321	358	1	321			
LNAV/VNAV DA	396	1 1/4	359	396	1 1/4	359	396	1 1/4	359	396	1 1/4	359			
LNAV MDA	560	1	523	560	1	523	560	1 1/2	523	560	1 3/4	523			
CIRCLING	560	1	520	560	1	520	600	1 1/2	560	600	2	560			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LSU VORTAC AIRWAY RADIALS 239 CW 301.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 40 TDZE: 37 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW ROADS, LA	FALSE RIVER RGNL	RNAV	RNAV (GPS) RWY 36, ORIG-A 8 JANUARY 2015	AMDT: ORIG DATED 06/05/2008

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NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCATION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE BATON ROUGE ALTIMETER SETTING, WHEN NOT RECEIVED USE LAFAYETTE RGNL ALTIMETER SETTING AND INCREASE ALL DA 43 FEET AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW ROADS, LA	**ELEVATION: 40** **TDZE: 37** AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 36, ORIG-A** 8 JANUARY 2015	SUP: AMDT: **ORIG** DATED: **06/05/2008**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHZR
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	304241.2590N
LTP/FTP LONGITUDE	0912845.3315W
LTP/FTP ELLIPSOIDAL HEIGHT	-00173
FPAP LATITUDE	304410.3100N
FPAP LONGITUDE	0912837.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CDFAC88A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00100
FPAP ORTHOMETRIC HEIGHT	+00100

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES **- FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LSU   K4011650VTLW N30290647W091173862    N30290647W091173862E0060000201     NARFIGHTING TIGERS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEBGA K40    W     N30364609W091291621                    E0003     NAR           CEBGA
        SUSAEAENRT   FENPU K40    W     N30543927W091274272                    E0003     NAR           FENPU
        SUSAEAENRT   MOGAN K40    C   L N30440542W091405031                    E0004     NAR           MOGAN
        SUSAEAENRT   NUTUE K40    W     N30305979W091353453                    E0004     NAR           NUTUE
        SUSAEAENRT   OVBAE K40    W     N30303742W091294819                    E0003     NAR           OVBAE
        SUSAEAENRT   RUGLE K40    W     N30301480W091240189                    E0003     NAR           RUGLE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4AHZR     0     050YHN30430590W091284320E004000040         1800018000C    MNAR    FALSE RIVER RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4FR36   ALSU   010LSU  K4D 0V       IF                                          18000                A JS
        SUSAP KHZRK4FR36   ALSU   020RUGLEK4EA0E  A 020TF                    27770056    + 02000                      A JS
        SUSAP KHZRK4FR36   ALSU   030OVBAEK4EA0EE B 010TF                    27030050    + 02000                      A JS
        SUSAP KHZRK4FR36   AMOGAN 010MOGANK4EA0E       IF                                          18000                A JS
        SUSAP KHZRK4FR36   AMOGAN 020NUTUEK4EA0E  A 020TF                    15680138    + 02000                      A JS
        SUSAP KHZRK4FR36   AMOGAN 030OVBAEK4EA0EE B 010TF                    09020050    + 02000                      A JS
        SUSAP KHZRK4FR36   AOVBAE 010OVBAEK4EA0EE AL   HF                   00030040    + 02000     18000            A JS
        SUSAP KHZRK4FR36   R      010OVBAEK4EA0E  I    IF                               + 02000     18000            A JS
        SUSAP KHZRK4FR36   R      020CEBGAK4EA1E  F 051TF                    00030062    + 02000           RW36  K4PGA JS
        SUSAP KHZRK4FR36   R      020CEBGAK4EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KHZRK4FR36   R      030RW36 K4PG0GY M 031TF                    00030059      00083       -300         A JS
        SUSAP KHZRK4FR36   R      040         0  M     CA                    0003        + 00358                    A JS
        SUSAP KHZRK4FR36   R      050FENPUK4EA0EY      DF                               + 01900                    A JS
        SUSAP KHZRK4FR36   R      060FENPUK4EA0EE  R   HM                   18030040    + 01900                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4GRW36    0050030003 N30424126W091284533+0100    -0017300033000050075RIHZR0

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **40** **TDZE: 37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 36, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **06/05/2008**

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```
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4PR36   RW36 001 0000W36A0N3042412590W09128453315-001730300N3044103100W091283758001067512240005 00F400500CDFAC88A
        SUSAP KHZRK4PR36   RW36 002E      +00100+00100LPV       42607
_____________________________________________________________________________________________________________________________________________________
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHZRK4SRW36 K4PG               0   18018002825                                                                          M
```

QUALITY 4

CHECKED

CITY AND STATE	ELEVATION: **40** TDZE: **37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 36, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **06/05/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LSU	LSU	010		IF		FB					
	LSU	RUGLE	020	IAF	TF		FB	2.0	277.7(281.7T)	005.6	AA 02000	
	LSU	OVBAE	030		TF		FB	1.0	270.3(274.3T)	005.0	AA 02000	
	MOGAN	MOGAN	010		IF		FB					
	MOGAN	NUTUE	020	IAF	TF		FB	2.0	156.8(160.8T)	013.8	AA 02000	
	MOGAN	OVBAE	030		TF		FB	1.0	090.2(094.2T)	005.0	AA 02000	
	OVBAE	OVBAE	010	IAF	HF	L	FO		000.3(004.3T)	004.0	AA 02000	
		OVBAE	010	FACF	IF		FB				AA 02000	
		CEBGA	020	FAF	TF		FB	0.5	000.3(004.3T)	006.2	AA 02000	
		RW36	030	MAP	TF		FO	0.3	000.3(004.3T)	005.9	AT 00083	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		000.3(004.3T)		AA 00358	
	FENPU	050		DF		FO				AA 01900	
	FENPU	060		HM	R	FO		180.3(184.3T)	004.0	AA 01900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LSU	N302906.47	W0911738.62	N3029.108	W09117.644
	CEBGA	N303646.09	W0912916.21	N3036.768	W09129.270
	FENPU	N305439.27	W0912742.72	N3054.655	W09127.712
	MOGAN	N304405.42	W0914050.31	N3044.090	W09140.839
	NUTUE	N303059.79	W0913534.53	N3030.997	W09135.576
	OVBAE	N303037.42	W0912948.19	N3030.624	W09129.803
	RUGLE	N303014.80	W0912401.89	N3030.247	W09124.032
	RW36	N304241.26	W0912845.33	N3042.688	W09128.756

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00033	50

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **40** TDZE: **37**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: **FALSE RIVER RGNL**	**RNAV**	**RNAV (GPS) RWY 36, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **06/05/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LSU VORTAC (IF/IAF)	SUYOP/11.00 DME	319.64 / 11.00	2000

MISSED APPROACH

MAP: CEVSO/16.60 DME

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT LSU VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 065.00 INBOUND.
FAC CROSSES MID POINT OF RWY 18-36.
CHART: BATON ROUGE ASOS 125.2
CHART APT ELEV: 40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LSU VORTAC
3. FAC 319.64 FAF SUYOP/11.00 DME DIST FAF TO MAP 5.60 THLD ____
4. MIN. ALT LSU VORTAC 2000, SUYOP 2000
8. MSA FROM: LSU VORTAC 070-260 2800, 260-070 1900

MAG VAR: 6E EPOCH YEAR:1965

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	560	1	520	560	1	520	600	1 1/2	560	600	2	560			

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LSU VORTAC AIRWAY RADIALS 301 CW 354.
CHART NOTE: USE BATON ROUGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAFAYETTE RGNL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE CAT C VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 40 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP / AMDT / DATE
NEW ROADS, LA	FALSE RIVER RGNL	LSU	VOR/DME-A, AMDT 4A 8 JANUARY 2015	AMDT 4 DATE 06/05/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
OPELOUSAS, LA	**ELEVATION: 75** **THRE: 71** AIRPORT NAME: **ST LANDRY PARISH-AHART FIELD**	**OPL**	**NDB RWY 18, AMDT 3A, 05/29/2014**	SUP AMDT **3** DATE **05/31/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PINIC (IF/IAF)	ZABSO (FB)	087.76 / 7.79	4600
ZABSO (FAF)	RW09 (MAP) (FO)	087.86 / 5.10	
RW09 (MAP)	3183 MSL	087.86	
3183 MSL	HABEX (FO)		5600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 5600 DIRECT HABEX AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W PINIC, RT, 087.76 INBOUND, 5700 FT. IN LIEU OF PT (IAF)
3. FAC: 087.86 FAF: ZABSO DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: PINIC 5700, ZABSO 4600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4600 GS ALT AT: ZABSO 4600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 43.9 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 268.09 INBOUND.
CHART FAS OBST: 3032 TREE 393503N/0792034W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.01 MILES TO RW09*
*LNAV ONLY.
WAAS CHANNEL # 69624
REFERENCE PATH ID: W09A
CHART CIRCLING ICON
LTP HAE: 862.7 M

MAG VAR: 9W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A [X]

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3183	3/4	250	3183	3/4	250	3183	3/4	250		NA				
LNAV/VNAV DA	3183	3/4	250	3183	3/4	250	3183	3/4	250		NA				
LNAV MDA	3300	1	367	3300	1	367	3300	1	367		NA				
CIRCLING	3340	1	407	3400	1	467	3500	1 1/2	567		NA				

NOTES:
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MORGANTOWN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F)
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 2933 TDZE: 2933	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED 08/25/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL DA AND MDA 300 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1 1/8 MILE, LNAV CAT C VISIBILITY 7/8 MILE AND CIRCLING CAT C VISIBILITY 1 MILE.

TAA

	FROM	TO	ALT
1.	358/30 CW 178/30 (NOPT)	358/15 CW 178/15	6400
	358/15 CW 178/15	PINIC (IF/IAF) (FB)	5700
2.	178/30 CW 358/30	178/15 CW 358/15	6400
	178/15 CW 358/15	PINIC (IF/IAF) (FO)	5700

CITY AND STATE	ELEVATION: 2933 TDZE: 2933	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1
				DATED: 08/25/2011

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2G4
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	393446.1865N
LTP/FTP LONGITUDE	0792040.7015W
LTP/FTP ELLIPSOIDAL HEIGHT	+08627
FPAP LATITUDE	393503.2940N
FPAP LONGITUDE	0791847.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00043.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	86708587

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+08940
FPAP ORTHOMETRIC HEIGHT	+08940

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HABEX K60    W     N39370104W079054321                        W0097     WGE           HABEX
        SUSAEAENRT   PINIC K60    C   L N39321645W079370157                        W0093     NAR           PINIC
        SUSAEAENRT   ZABSO K60    W     N39334725W079270870                        W0095     NAR           ZABSO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6A2G4     0     050YHN39345090W079200940W009002933         1800018000C    MNAR    GARRETT COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6FR09   APINIC 010PINICK6EA0EE AR   HF                    08780050    + 05700     18000                A JS
        SUSAP 2G4 K6FR09   R       010PINICK6EA0E  I    IF                                + 05700     18000                A JS
        SUSAP 2G4 K6FR09   R       020ZABSOK6EA1E  F 051TF                    08780078    + 04600                          A JS
        SUSAP 2G4 K6FR09   R       020ZABSOK6EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP 2G4 K6FR09   R       030RW09 K6PG0GY M 031TF                    08790051      02977             -300         A JS
        SUSAP 2G4 K6FR09   R       040         0  M     CA                    0879        + 03183                          A JS
        SUSAP 2G4 K6FR09   R       050HABEXK6EA0EY       DF                              + 05600                          A JS
        SUSAP 2G4 K6FR09   R       060HABEXK6EA0EE  R   HM                    26810050    + 05600                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6GRW09    0050000879 N39344619W079204070-1100     +08627029330000440 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6PR09   RW09 001 0000W09A0N393446186 5W07920407015+086270300N39350329 40W079184760001067512320004 39F40050086708587
        SUSAP 2G4 K6PR09   RW09 002E      +08940+08940LPV       69624
```

CITY AND STATE	ELEVATION: 2933 TDZE: 2933	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED: 08/25/2011

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PINIC	PINIC	010	IAF	HF	R	FO		087.8(078.8T)	005.0	AA 05700	
		PINIC	010	FACF	IF		FB				AA 05700	
		ZABSO	020	FAF	TF		FB	0.5	087.8(078.8T)	007.8	AA 04600	
		RW09	030	MAP	TF		FO	0.3	087.9(078.9T)	005.1	AT 02977	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		087.9(078.9T)		AA 03183	
	HABEX	050		DF		FO				AA 05600	
	HABEX	060		HM	R	FO		268.1(259.1T)	005.0	AA 05600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HABEX	N393701.04	W0790543.21	N3937.017	W07905.720
	PINIC	N393216.45	W0793701.57	N3932.274	W07937.026
	ZABSO	N393347.25	W0792708.70	N3933.788	W07927.145
	RW09	N393446.19	W0792040.70	N3934.770	W07920.678

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	02933	44

CITY AND STATE	ELEVATION: 2933 TDZE: 2933	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1
				DATED: 08/25/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HABEX (IF/IAF)	JAXUM (FB)	268.09 / 6.00	4500
JAXUM (FAF)	RW27 (MAP) (FO)	268.01 / 4.96	
RW27 (MAP)	3175 MSL	268.01	
3175 MSL	PINIC (FO)		5700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB 5700 DIRECT PINIC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E HABEX, RT, 268.09 INBOUND, 5600 FT. IN LIEU OF PT (IAF)
3. FAC: 268.01 FAF: JAXUM DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: HABEX 5600, JAXUM 4500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4500 GS ALT AT: JAXUM 4500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.8 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 087.76 INBOUND.
CHART FAS OBST: 2979 TREE 393536N/0791907W
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.00 MILES TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 86524
REFERENCE PATH ID: W27A
CHART CIRCLING ICON
LTP HAE: 845.5 M

MAG VAR: 9W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3175	1	250	3175	1	250	3175	1	250		NA				
LNAV/VNAV DA	3197	1	272	3197	1	272	3197	1	272		NA				
LNAV MDA	3240	1	315	3240	1	315	3240	1	315		NA				
CIRCLING	3340	1	407	3400	1	467	3500	1 1/2	567		NA				

NOTES:
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MORGANTOWN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F)
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 2933 TDZE: 2925	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY		RNAV (GPS) RWY 27, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED 08/25/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL DA AND ALL DA 300 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1 1/8 MILE, LNAV CAT C VISIBILITY 7/8 MILE AND CIRCLING CAT C VISIBILITY 1 MILE.

TAA

	FROM	TO	ALT
1.	178/30 CW 358/30 (NOPT)	HABEX (IF/IAF) (FB)	5600
2.	358/30 CW 178/30	358/15 CW 178/15	6300
	358/15 CW 178/15	HABEX (IF/IAF) (FO)	5600

CITY AND STATE	ELEVATION: 2933 TDZE: 2925	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	RNAV	RNAV (GPS) RWY 27, AMDT 2 8 JANUARY 2015	AMDT: 1
				DATED: 08/25/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	2G4
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	393455.6660N
LTP/FTP LONGITUDE	0791938.0400W
LTP/FTP ELLIPSOIDAL HEIGHT	+08455
FPAP LATITUDE	393438.5450N
FPAP LONGITUDE	0792131.1355W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5E503DF0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+08769
FPAP ORTHOMETRIC HEIGHT	+08769

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HABEX K60    W     N39370104W079054321                      W0097     WGE           HABEX
        SUSAEAENRT   JAXUM K60    W     N39355258W079132052                      W0096     NAR           JAXUM
        SUSAEAENRT   PINIC K60    C   L N39321645W079370157                      W0093     NAR           PINIC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6A2G4     0     050YHN39345090W079200940W009002933         1800018000C    MNAR    GARRETT COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6FR27   AHABEX 010HABEXK6EA0EE AR   HF                    26810050    + 05600     18000                A JS
        SUSAP 2G4 K6FR27   R       010HABEXK6EA0E  I    IF                                + 05600     18000                A JS
        SUSAP 2G4 K6FR27   R       020JAXUMK6EA1E  F 051TF                    26810060    + 04500                          A JS
        SUSAP 2G4 K6FR27   R       020JAXUMK6EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP 2G4 K6FR27   R       030RW27 K6PG0GY M 031TF                    26800050      02922             -300         A JS
        SUSAP 2G4 K6FR27   R       040         0  M     CA                    2680        + 03175                          A JS
        SUSAP 2G4 K6FR27   R       050PINICK6EA0EY      DF                              + 05700                          A JS
        SUSAP 2G4 K6FR27   R       060PINICK6EA0EE  R   HM                    08780050    + 05700                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6GRW27    0050002679 N39345567W079193804+1100    +08455028770000045075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2G4 K6PR27   RW27 001 0000W27A0N3934556660W07919380400+084550300N3934385450W079213113551067512320004 48F4005005E503DF0
        SUSAP 2G4 K6PR27   RW27 002E      +08769+08769LPV       86524
```

CITY AND STATE	ELEVATION: **2933** **TDZE: 2925**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OAKLAND, MD	AIRPORT NAME: **GARRETT COUNTY**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 2** 8 JANUARY 2015	AMDT: **1**
				DATED: **08/25/2011**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HABEX	HABEX	010	IAF	HF	R	FO		268.1(259.1T)	005.0	AA 05600	
		HABEX	010	FACF	IF		FB				AA 05600	
		JAXUM	020	FAF	TF		FB	0.5	268.1(259.1T)	006.0	AA 04500	
		RW27	030	MAP	TF		FO	0.3	268.0(259.0T)	005.0	AT 02922	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		268.0(259.0T)		AA 03175	
	PINIC	050		DF		FO				AA 05700	
	PINIC	060		HM	R	FO		087.8(078.8T)	005.0	AA 05700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HABEX	N393701.04	W0790543.21	N3937.017	W07905.720
	JAXUM	N393552.58	W0791320.52	N3935.876	W07913.342
	PINIC	N393216.45	W0793701.57	N3932.274	W07937.026
	RW27	N393455.67	W0791938.04	N3934.928	W07919.634

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	02877	45

CITY AND STATE	ELEVATION / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE	SUP / AMDT / DATED
OAKLAND, MD	ELEVATION: **2933** **TDZE: 2925** AIRPORT NAME: **GARRETT COUNTY**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 2** 8 JANUARY 2015	SUP: AMDT: **1** DATED: **08/25/2011**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MGW VORTAC (IAF)	KLIKS/12.00 DME	091.57 / 12.00	5000
KLIKS/12.00 DME (IF)	LEASE/19.00 DME	091.57 / 7.00 (MGW R-092)	4600

MISSED APPROACH

MAP: MGW 23.97 DME FIX

CLIMB TO 3500 THEN CLIMBING RIGHT TURN TO 5000 DIRECT MGW VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 091.57 INBOUND.
CHART FAS OBST: 3199 TREE 393255N/0792209W
LEASE TO RW09: 3.08/44.
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MGW VORTAC
3. FAC 091.57 FAF LEASE/19.00 DME DIST FAF TO MAP ____ THLD 4.97
4. MIN. ALT MGW VORTAC 5000, KLIKS 5000, LEASE 4600
8. MSA FROM: MGW VORTAC 360-180 5000, 180-270 4400, 270-360 3600

MAG VAR: 5W EPOCH YEAR:1965

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-09	3460	1	527	3460	1	527	3460	1 1/2	527		NA				
CIRCLING	3460	1	527	3460	1	527	3500	1 1/2	567		NA				

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MGW VORTAC AIRWAY RADIALS 101 CW 121.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORGANTOWN ALTIMETER SETTING AND INCREASE ALL MDA 300 FEET. INCREASE S-09 CAT B AND CIRCLING CAT B VISIBILITY TO 1 1/4 MILE AND S-09 CAT C AND CIRCLING CAT C VISIBILITY TO 2 1/2 MILE.

CITY AND STATE	ELEVATION: 2933 TDZE: 2933	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OAKLAND, MD	AIRPORT NAME: GARRETT COUNTY	MGW	VOR/DME RWY 9, ORIG 8 JANUARY 2015	AMDT NONE
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
OAKLAND, MD	**ELEVATION: 2933** **THRE: 2877** AIRPORT NAME: **GARRETT COUNTY**	**GRV**	**VOR RWY 27, AMDT 5, 03/07/2013**	AMDT	**4**
				DATE	**06/05/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE	ELEVATION: 990 TDZE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BIG RAPIDS, MI	AIRPORT NAME: **ROBEN-HOOD**	**GPS**	**GPS RWY 27, ORIG-B, 06/03/2010**	AMDT **ORIG-A**
				DATE **12/05/1996**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HIC VOR/DME	IDANY (FO)	072.28 / 23.19	3100
MOP VOR/DME (IAF)	IDANY (NOPT) (FB)	291.00 / 22.05	3100
IDANY (IF/IAF)	MEKDY (FB)	275.49 / 6.93	2600
MEKDY (FAF)	VIVUY/2.50 NM TO RW27 (FB)	275.38 / 2.57	
VIVUY/2.50 NM TO RW27	RW27 (MAP) (FO)	275.38 / 2.50	
RW27 (MAP)	1176 MSL	275.38	
1176 MSL	HUSHU (FO)		2900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 2900 DIRECT HUSHU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E IDANY, RT, 275.49 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 275.38 FAF: MEKDY DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: IDANY 3100, MEKDY 2600, VIVUY/2.50 NM TO RW27 1780*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: MEKDY 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW27 4000

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 095.20 INBOUND.
CHART FAS OBST: 1180 TREE 434401N/0852820W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.43 MILES TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 56238
REFERENCE PATH ID: W27A
CHART CIRCLING ICON
LTP HAE: 255 M

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1176	3/4	200	1176	3/4	200	1176	3/4	200	1176	3/4	200			
LNAV/VNAV DA	1540	2	564	1540	2	564	1540	2	564	1540	2	564			
LNAV MDA	1440	1	464	1440	1	464	1440	1 3/4	464	1440	1 3/4	464			
CIRCLING	1500	1	510	1560	1	570	1700	2	710	1860	2 3/4	870			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HIC VOR/DME AIRWAY RADIALS 007 CW 140.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MOP VOR/DME AIRWAY RADIALS 336 CW 106.
(SEE FORM 8260-10)

@ CAT D 900-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 990 TDZE: 976 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BIG RAPIDS, MI	ROBEN-HOOD	RNAV	RNAV (GPS) RWY 27, ORIG 8 JANUARY 2015	AMDT: NONE DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: NIGHT LANDING: RWY 32 NA.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MUSKEGON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE MUSKEGON ALTIMETER SETTING AND INCREASE DA 157 FT AND ALL VISIBILITIES 1/2 MILE; INCREASE ALL MDAS 160 FT, LNAV CAT C/D VISIBILITY AND CIRCLING CAT C 1/2 AND CIRCLING CATS D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 990 TDZE: 976	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BIG RAPIDS, MI	AIRPORT NAME: **ROBEN-HOOD**	**RNAV**	**RNAV (GPS) RWY 27, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRQB
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	434328.1370N
LTP/FTP LONGITUDE	0853000.9680W
LTP/FTP ELLIPSOIDAL HEIGHT	+02550
FPAP LATITUDE	434328.5855N
FPAP LONGITUDE	0853203.8410W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	6F5937DB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02879
FPAP ORTHOMETRIC HEIGHT	+02879

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-8 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HIC   K5011760VDL  N43342947W085425818    N43342947W085425818W0010009201     NARWHITE CLOUD
        SUSAD        MOP   K5011060VDLA N43372217W084441416    N43372217W084441416W0050007521     NARMOUNT PLEASANT

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUSHU K50    W     N43432974W085382257                    W0058     NAR           HUSHU
        SUSAEAENRT   IDANY K50    W     N43432317W085132812                    W0062     NAR           IDANY
        SUSAEAENRT   MEKDY K50    W     N43432633W085230126                    W0060     NAR           MEKDY
        SUSAEAENRT   VIVUY K50    W     N43432730W085263411                    W0060     NAR           VIVUY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRQBK5ARQB     0     043YHN43432150W085301460W005000990         18000018000C    MNAR    ROBEN-HOOD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRQBK5FR27   AHIC   010HIC  K5D 0V       IF                                          18000                A JS
        SUSAP KRQBK5FR27   AHIC   020IDANYK5EA0EY   020TF                    07230232    + 03100                      A JS
        SUSAP KRQBK5FR27   AHIC   030IDANYK5EA0EE AR   HF                    27550040    + 03100                      A JS
        SUSAP KRQBK5FR27   AMOP   010MOP  K5D 0V  A    IF                                          18000                A JS
        SUSAP KRQBK5FR27   AMOP   020IDANYK5EA0EE B 010TF                    29100221    + 03100                      A JS
        SUSAP KRQBK5FR27   R      010IDANYK5EA0E  I    IF                                + 03100     18000            A JS
        SUSAP KRQBK5FR27   R      020MEKDYK5EA1E  F 051TF                    27550069    + 02600                RW27  K5PGA JS
        SUSAP KRQBK5FR27   R      020MEKDYK5EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KRQBK5FR27   R      021VIVUYK5EA0E S  031TF                    27540026    V 0178001781       -300      A JS
        SUSAP KRQBK5FR27   R      030RW27 K5PG0GY M 031TF                    27540025      00985            -300      A JS
        SUSAP KRQBK5FR27   R      040         0  M     CA                    2754        + 01176                      A JS
        SUSAP KRQBK5FR27   R      050HUSHUK5EA0EY      DF                                + 02900                      A JS
        SUSAP KRQBK5FR27   R      060HUSHUK5EA0EE  R   HM                    09520040    + 02900                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRQBK5GRW27    0043002753 N43432814W085300097+1000    +025500094500004075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

CITY AND STATE	ELEVATION: 990 TDZE: 976	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BIG RAPIDS, MI	AIRPORT NAME: **ROBEN-HOOD**	**RNAV**	**RNAV (GPS) RWY 27, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KRQBK5PR27    RW27 001 0000W27A0N4343281370W08530009680+025500300N4343285855W085320384101067514400004 00F4003506F5937DB
SUSAP KRQBK5PR27    RW27 002E       +02879+02879LPV        56238

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRQBK5SRW27 K5PG                0   18018004025                                                                  M
```

CITY AND STATE	ELEVATION: 990 TDZE: 976	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BIG RAPIDS, MI	AIRPORT NAME: ROBEN-HOOD	RNAV	RNAV (GPS) RWY 27, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HIC	HIC	010		IF		FB					
	HIC	IDANY	020		TF		FO	2.0	072.3(067.3T)	023.2	AA 03100	
	HIC	IDANY	030	IAF	HF	R	FO		275.5(270.5T)	004.0	AA 03100	
	MOP	MOP	010	IAF	IF		FB					
	MOP	IDANY	020		TF		FB	1.0	291.0(286.0T)	022.1	AA 03100	
		IDANY	010	FACF	IF		FB				AA 03100	
		MEKDY	020	FAF	TF		FB	0.5	275.5(270.5T)	006.9	AA 02600	
		VIVUY	021	SDF	TF		FB	0.3	275.4(270.4T)	002.6	AA 01780 GS 01781	
		RW27	030	MAP	TF		FO	0.3	275.4(270.4T)	002.5	AT 00985	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		275.4(270.4T)		AA 01176	
	HUSHU	050		DF		FO				AA 02900	
	HUSHU	060		HM	R	FO		095.2(090.2T)	004.0	AA 02900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIC	N433429.47	W0854258.18	N4334.491	W08542.970
	MOP	N433722.17	W0844414.16	N4337.370	W08444.236
	HUSHU	N434329.74	W0853822.57	N4343.496	W08538.376
	IDANY	N434323.17	W0851328.12	N4343.386	W08513.469
	MEKDY	N434326.33	W0852301.26	N4343.439	W08523.021
	VIVUY	N434327.30	W0852634.11	N4343.455	W08526.569
	RW27	N434328.14	W0853000.97	N4343.469	W08530.016

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00945	40

CITY AND STATE	ELEVATION: **990** **TDZE: 976**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BIG RAPIDS, MI	AIRPORT NAME: **ROBEN-HOOD**	**RNAV**	**RNAV (GPS) RWY 27, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
BIG RAPIDS, MI	ROBEN-HOOD	8 JANUARY 2015	6

TAKEOFF MINIMUMS:

RWY 9,14: STANDARD
RWY 27: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 1200.
RWY 32: 200-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 1200.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, REILS 40 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 5 FT AGL/946 FT MSL. TREES BEGINNING 1880 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1013 FT MSL. TREES BEGINNING 2938 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1052 FT MSL. TREES BEGINNING 4403 FT FROM DER, 1496 LEFT OF CENTERLINE, UP TO 126 FT AGL/1091 FT MSL.

NOTE: RWY 14, TREES BEGINNING 74 FT FROM DER, 64 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/992 FT MSL. POLE 78 FT FROM DER, 451 FT LEFT OF CENTERLINE, 37 FT AGL/959 FT MSL. VEHICLES ON ROAD BEGINNING 161 FT FROM FER, 494 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/938 FT MSL. TREES BEGINNING 177 FT FROM DER, 211 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/994 FT MSL. TREES BEGINNING 787 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 104 FT AGL/1007 FT MSL. TREES BEGINNING 834 FT FROM DER, 89 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/1003 FT MSL. POLE 1104 FT FROM DER, 452 FT LEFT OF CENTERLINE, 36 FT AGL/958 FT MSL. TREES BEGINNING 1824 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/1005 FT MSL. TREES BEGINNING 2563 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/1013 FT MSL.

NOTE: RWY 27, TREE 2 FT FROM DER, 362 FT RIGHT OF CENTERLINE, 5 FT AGL/1006 FT MSL. REILS 9 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 10 FT AGL/991 FT MSL. TREES BEGINNING 240 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/1038 FT MSL. TREES BEGINNING 745 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 132 FT AGL/1104 FT MSL. BUILDINGS, POLES AND TREES BEGINNING 1970 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 94 FT AGL/1121 FT MSL. BUILDING 2754 FT FROM DER, 1168 FT RIGHT OF CENTERLINE, 30 FT AGL/1076 FT MSL.

NOTE: RWY 32, GROUND, LIGHTS AND TREES BEGINNING 20 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 11 FT AGL/958 FT MSL. TREES BEGINNING 1965 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 68 FT AGL/1033 FT MSL. TREES BEGINNING 4265 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 104 FT AGL/1128 FT MSL.

CONTROLLING OBSTACLES:

RWY 27: 1146 FT TREE 434316.50N/0853142.70W; 1196 TREE 434342.47N/0853245.11W

RWY 32: 1118 FT TREE 434400.05N/0853045.44W; 1128 TREE 434407.57N/0853053.03W; 1119 TREE 434407.63N/0853121.64W

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
BIG RAPIDS, MI	ROBEN-HOOD	8 JANUARY 2015	6

REMARKS:

FLIGHT INSPECTED BY:

Douglas Miller

REQUIRED EFFECTIVE DATE:

9/4/14

DEVELOPED BY:

JILL OLSON (JARED WINGO) AJV-353 06/11/2014

APPROVED BY:

GEORGE L. GONZALEZ AJV-353

COORDINATED WITH:

ALPA, AOPA, NBAA, AMGR, MKG ATCT, ZMP ARTCC

CHANGES:

1. UPDATED TAKEOFF MINS FOR RWY 14 FROM 300-1 TO STANDARD.
2. UPDATED TAKEOFF MINS FOR RWY 27 FROM 300-1 TO 300-1 ½.
3. UPDATED TAKEOFF MINS FOR RWY 32 FROM STANDARD TO 200-1 ½.
4. UPDATED TAKEOFF OBSTACLE NOTES.
5. UPDATED CONTROLLING OBSTACLES

REASONS:

1-5. UPDATED DEPARTURE OBSTACLE EVALUATION.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HIC VOR/DME (IF/IAF)	FERIS/7.51 DME	047.39 / 7.51	2800

MISSED APPROACH

MAP: WULTU/12.51 DME

CLIMB TO 2800 THEN LEFT TURN DIRECT HIC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1557 TOWER 434110N/0853459W
CHART CIRCLING ICON.
FAC CROSSES RIGHT OF AIRPORT REFERENCE POINT.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW HIC VOR/DME, RT, 047.00 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
3. FAC 047.39 FAF FERIS/7.51 DME DIST FAF TO MAP 5.00 THLD ____
4. MIN. ALT HIC VOR/DME 2800, FERIS 2800
8. MSA FROM: HIC VOR/DME 3100

MAG VAR: 1W EPOCH YEAR:1965

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A @ STANDARD

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1820	1 1/4	830	1820	1 1/4	830	1820	2 1/2	830	1860	2 3/4	870			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSKEGON ALTIMETER SETTING AND INCREASE MDA 160 FT, INCREASE CAT B/D VISIBILITY 1/4 MILE AND CAT C VISIBILITY 1/2 MILE.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON HIC VOR/DME AIRWAY RADIALS 140 CW 332.
CHART NOTE: NIGHT LANDING: RWY 9, 32 NA.

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 990 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
BIG RAPIDS, MI	ROBEN-HOOD	HIC	VOR/DME-A, AMDT 8 8 JANUARY 2015	AMDT 7A DATE 06/03/2010

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIGCA (IF/IAF)	AYOTO (FB)	052.58 / 6.30	3000
AYOTO (FAF)	ZEPDO/1.80 NM TO RW05L (FB)	052.65 / 5.22	
ZEPDO/1.80 NM TO RW05L	RW05L (MAP) (FO)	052.65 / 1.80	
RW05L (MAP)	1200 MSL	052.65	1200
1200 MSL	SVM VORTAC (FO)		3000

MISSED APPROACH

LP: RW05L
LNAV: RW05L

CLIMB TO 1200, THEN CLIMBING LEFT TURN TO 3000 DIRECT SVM VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW BIGCA, LT, 052.58 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 052.65 FAF: AYOTO DIST FAF TO MAP: 7.02 THLD: 7.02
4. MIN. ALT: BIGCA 3000, AYOTO 3000, ZEPDO/1.80 NM TO RW05L 1320
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 114.00 INBOUND.
CHART FAS OBST: 864 STK 421421N/0833306W
CHART FAS OBST: 812 TREE 421317N/0833315W
OBST: 1029 AAO 420954N/0833945W
OBST: 1039 AAO 420950N/0834020W
WAAS CHANNEL # 78435
REFERENCE PATH ID: W05B
CHART CIRCLING ICON.
LTP HAE: 183.7 M

MAG VAR: 6W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1080	1	365	1080	1	365	1080	1	365	1080	1	365			
LNAV MDA	1120	1	405	1120	1	405	1120	1 1/8	405	1120	1 1/8	405			
CIRCLING	1220	1	504	1220	1	504	1220	1 1/2	504	1400	2 1/4	684			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: RWY 05L STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 05R, 09, 23L, AND 23R NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: DESCENT ANGLE NA.

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 716 TDZE: 715 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	WILLOW RUN	RNAV	RNAV (GPS) RWY 5L, AMDT 1 8 JANUARY 2015	AMDT: ORIG-A DATED 11/18/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	323/30 CW 143/30 (NOPT)	323/10 CW 143/10	4000
2.	323/10 CW 143/10	BIGCA (IF/IAF) (FB)	3000
3.	143/30 CW 323/30	BIGCA (IF/IAF) (FO)	4000

CITY AND STATE	ELEVATION: 716 TDZE: 715	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: WILLOW RUN	RNAV	RNAV (GPS) RWY 5L, AMDT 1 8 JANUARY 2015	AMDT: ORIG-A DATED: 11/18/2010

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KYIP
RUNWAY	RW05L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05B
LTP/FTP LATITUDE	421355.8650N
LTP/FTP LONGITUDE	0833230.0575W
LTP/FTP ELLIPSOIDAL HEIGHT	+01837
FPAP LATITUDE	421456.9505N
FPAP LONGITUDE	0833102.7030W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	9632D195

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02179
FPAP ORTHOMETRIC HEIGHT	+02179

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SVM   K5011430VTL  N42243109W083353805    N42243109W083353805W0030009561     NARSALEM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AYOTO K50    W     N42090691W083392228                    W0070     NAR          AYOTO
        SUSAEAENRT   BIGCA K50    W     N42044718W083453142                    W0069     NAR          BIGCA
        SUSAEAENRT   ZEPDO K50    W     N42124180W083341588                    W0071     NAR          ZEPDO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5AYIP     0     075YHN42142149W083315148W006000716         1800018000C    MNAR    WILLOW RUN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5FR05L  ABIGCA 010BIGCAK5EA0EE AL   HF                   05260040    + 03000     18000                A JS
        SUSAP KYIPK5FR05L  R      010BIGCAK5EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KYIPK5FR05L  R      020AYOTOK5EA1E  F 051TF                   05260063    + 03000                          A JS
        SUSAP KYIPK5FR05L  R      020AYOTOK5EA2WALP        N          ALNAV                                               JS
        SUSAP KYIPK5FR05L  R      021ZEPDOK5EA0E S  031TF                   05270052    + 01320                          A JS
        SUSAP KYIPK5FR05L  R      030RW05LK5PG0GY M 031TF                   05270018      01120              000         A JS
        SUSAP KYIPK5FR05L  R      040         0  M     CA                   0527        + 01200                          A JS
        SUSAP KYIPK5FR05L  R      050SVM  K5D 0VY  L   DF                               + 03000                          A JS
        SUSAP KYIPK5FR05L  R      060SVM  K5D 0VE  L   HM                   11400040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5GRW05L   0059960527 N42135587W083323006-0100    +0183700715000000160R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5PR05L  RW05L001 0000W05B0N4213558650W08332300575+018370000N4214569505W083310270301067509200000000F4000009632D195
        SUSAP KYIPK5PR05L  RW05L002E      +02179+02179LP        78435
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CITY AND STATE	ELEVATION: **716** **TDZE: 715**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **WILLOW RUN**	**RNAV**	**RNAV (GPS) RWY 5L, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG-A** DATED: **11/18/2010**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BIGCA	BIGCA	010	IAF	HF	L	FO		052.6(046.6T)	004.0	AA 03000	
		BIGCA	010	FACF	IF		FB				AA 03000	
		AYOTO	020	FAF	TF		FB	0.5	052.6(046.6T)	006.3	AA 03000	
		ZEPDO	021	SDF	TF		FB	0.3	052.7(046.7T)	005.2	AA 01320	
		RW05L	030	MAP	TF		FO	0.3	052.7(046.7T)	001.8	AT 01120	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		052.7(046.7T)		AA 01200	
	SVM	050		DF	L	FO				AA 03000	
	SVM	060		HM	L	FO		114.0(108.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SVM	N422431.09	W0833538.05	N4224.518	W08335.634
	AYOTO	N420906.91	W0833922.28	N4209.115	W08339.371
	BIGCA	N420447.18	W0834531.42	N4204.786	W08345.524
	ZEPDO	N421241.80	W0833415.88	N4212.697	W08334.265
	RW05L	N421355.87	W0833230.06	N4213.931	W08332.501

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05L	00715	00

CITY AND STATE	ELEVATION: **716** **TDZE: 715**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **WILLOW RUN**	**RNAV**	**RNAV (GPS) RWY 5L, AMDT 1** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **11/18/2010**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CIGAL (IF/IAF)	ATOYE (FB)	094.39 / 5.47	2600
ATOYE (FAF)	NOCIN/2.50 NM TO RW09 (FB)	094.47 / 3.26	
NOCIN/2.50 NM TO RW09	RW09 (MAP) (FO)	094.47 / 2.50	
RW09 (MAP)	1900 MSL	094.47	1900
1900 MSL	CIGAL (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 1900 THEN CLIMBING LEFT TURN TO 4000 DIRECT CIGAL AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 903 TOWER 421432N/0833411W
1049 AAO 421328N/0834021W
DISTANCE TO THLD FROM 250 HATH: 0.63 NM.
WAAS CHANNEL # 73035
REFERENCE PATH ID: W09A
CHART CIRCLING ICON.
LTP HAE: 183.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILE S OF ____ (IAF)
2. HOLD W CIGAL, RT, 094.39 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 094.47 FAF: ATOYE DIST FAF TO MAP: 5.76 THLD: 5.76
4. MIN. ALT: CIGAL 4000, ATOYE 2600, NOCIN/2.50 NM TO RW09 1560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: ATOYE 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	965	1	250	965	1	250	965	1	250	965	1	250			
LNAV/VNAV DA	1197	1 5/8	482	1197	1 5/8	482	1197	1 5/8	482	1197	1 5/8	482			
LNAV MDA	1160	1	445	1160	1	445	1160	1 3/8	445	1160	1 3/8	445			
CIRCLING	1220	1	504	1220	1	504	1220	1 1/2	504	1400	2 1/4	684			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.
CHART NOTE: RWY 9 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 5R, 5L, 23L, 23R NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 800 - 2 1/4

QUALITY CHECKED

CITY AND STATE	ELEVATION: 716 THRE: 715 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 9L
DETROIT, MI	WILLOW RUN	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED 09/25/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	004/30 CW 184/30 (NOPT)	CIGAL (IF/IAF) (FB)	4000
2.	184/30 CW 004/30	CIGAL (IF/IAF) (FO)	4000

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 716 THRE: 715 AIRPORT NAME: WILLOW RUN	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	SUP: RNAV (GPS) RWY 9L AMDT: 1 DATED: 09/25/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KYIP
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	421438.3680N
LTP/FTP LONGITUDE	0833228.3285W
LTP/FTP ELLIPSOIDAL HEIGHT	+01837
FPAP LATITUDE	421440.5920N
FPAP LONGITUDE	0833028.4050W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0704
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D313B4E3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02179
FPAP ORTHOMETRIC HEIGHT	+02179

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATOYE K50    W     N42142941W083401369                    W0070     NAR           ATOYE
        SUSAEAENRT   CIGAL K50    W     N42142043W083473553                    W0069     NAR           CIGAL
        SUSAEAENRT   NOCIN K50    W     N42143455W083355022                    W0070     NAR           NOCIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5AYIP     0     072YHN42142149W083315148W006000716         1800018000C    MNAR    WILLOW RUN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5FR09   ACIGAL 010CIGALK5EA0EE AR   HF                    09440040    + 04000     18000                A JS
        SUSAP KYIPK5FR09   R       010CIGALK5EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KYIPK5FR09   R       020ATOYEK5EA1E  F 051TF                    09440055    + 02600                          A JS
        SUSAP KYIPK5FR09   R       020ATOYEK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KYIPK5FR09   R       021NOCINK5EA0E S  031TF                    09450033    V 0156001561       -300          A JS
        SUSAP KYIPK5FR09   R       030RW09 K5PG0GY M 031TF                    09450025      00765            -300          A JS
        SUSAP KYIPK5FR09   R       040         0  M     CA                    0945        + 01900                          A JS
        SUSAP KYIPK5FR09   R       050CIGALK5EA0EY  L   DF                                + 04000                          A JS
        SUSAP KYIPK5FR09   R       060CIGALK5EA0EE  R   HM                    09440040    + 04000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5GRW09    0072920946 N42143837W083322833-0200    +0183700715057650160R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KYIPK5PR09   RW09 001 0000W09A0N4214383680W08332283285+018370300N4214405920W083302840501067507040005O0F400500D313B4E3
        SUSAP KYIPK5PR09   RW09 002E      +02179+02179LPV       73035
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CITY AND STATE	ELEVATION: 716 THRE: 715	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) 9L
DETROIT, MI	AIRPORT NAME: WILLOW RUN	RNAV	RNAV (GPS) RWY 9, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED: 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CIGAL	CIGAL	010	IAF	HF	R	FO		094.4(088.4T)	004.0	AA 04000	
		CIGAL	010	FACF	IF		FB				AA 04000	
		ATOYE	020	FAF	TF		FB	0.5	094.4(088.4T)	005.5	AA 02600	
		NOCIN	021	SDF	TF		FB	0.3	094.5(088.5T)	003.3	AA 01560 GS 01561	
		RW09	030	MAP	TF		FO	0.3	094.5(088.5T)	002.5	AT 00765	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.5(088.5T)		AA 01900	
	CIGAL	050		DF	L	FO				AA 04000	
	CIGAL	060		HM	R	FO		094.4(088.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ATOYE	N421429.41	W0834013.69	N4214.490	W08340.228
	CIGAL	N421420.43	W0834735.53	N4214.341	W08347.592
	NOCIN	N421434.55	W0833550.22	N4214.576	W08335.837
	RW09	N421438.37	W0833228.33	N4214.640	W08332.472

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00715	50

CITY AND STATE	ELEVATION: **716** THRE: **715**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) 9L**
DETROIT, MI	AIRPORT NAME: **WILLOW RUN**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 2** 8 JANUARY 2015	AMDT: **1**
				DATED: **09/25/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IKTIH (IF/IAF)	HODPI (FB)	090.65 / 7.37	2500
HODPI (FAF)	OVUHU/2.10 NM TO RW09 (FB)	093.95 / 3.63	
OVUHU/2.10 NM TO RW09	RW09 (MAP) (FO)	093.95 / 2.10	
RW09 (MAP)	2000 MSL	093.95	2000
2000 MSL	HIGIG (FO)		4000

MISSED APPROACH

LNAV: RW09

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 DIRECT HIGIG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 261.60 INBOUND.
FAS OBST: 739 TREE 424428N/0825347W
CHART CIRCLING ICON.
CHART OAKLAND/TROY ASOS-3
HODPI TO RWY 09: 3.00/45

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT IKTIH
3. FAC: 093.95 FAF: HODPI DIST FAF TO MAP: 5.73 THLD: 5.73
4. MIN. ALT: IKTIH 2500, HODPI 2500, OVUHU/2.10 NM TO RW09 1340
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: RW09 2900

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	1100	1	468	1220	1	588		NA			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.
CHART NOTE: USE TROY ALTIMETER SETTING. WHEN NOT RECEIVED USE PONTIAC ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY 17 CHECKED

CITY AND STATE	ELEVATION: 632 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RAY, MI	RAY COMMUNITY	RNAV	RNAV (GPS)-A, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
INCREASE ALL MDAS 60 FT.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT IKTIH ON V410 WESTBOUND.

QUALITY 17 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RAY, MI	**ELEVATION: 632** **TDZE:** AIRPORT NAME: **RAY COMMUNITY**	**RNAV**	**RNAV (GPS)-A, ORIG** 8 JANUARY 2015	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HIGIG K50    C   L N42450709W082411138                    W0079     NAR           HIGIG
        SUSAEAENRT   HODPI K50    W     N42440118W083012705                    W0077     NAR           HODPI
        SUSAEAENRT   IKTIH K50    C   L N42432033W083112455                    W0075     NAR           IKTIH
        SUSAEAENRT   OVUHU K50    W     N42440886W082563165                    W0077     NAR           OVUHU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57D K5A57D     0     024YHN42441231W082531982W006000632         1800018000P    MNAR    RAY COMMUNITY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57D K5FRNV-A R      010IKTIHK5EA0E  I    IF                          + 02500     18000               B JC
        SUSAP 57D K5FRNV-A R      020HODPIK5EA0E  F 051TF                 09070074    + 02500                RW09  K5PGB JC
        SUSAP 57D K5FRNV-A R      021OVUHUK5EA0E S  031TF                 09400036    V 0134001344        -300           B JC
        SUSAP 57D K5FRNV-A R      030RW09 K5PG0GY M 031TF                 09400021      00675             -300           B JC
        SUSAP 57D K5FRNV-A R      040         0  M     CA                 0940        + 02000                          B JC
        SUSAP 57D K5FRNV-A R      050HIGIGK5EA0EY  L   DF                             + 04000                          B JC
        SUSAP 57D K5FRNV-A R      060HIGIGK5EA0EE  R   HM                 26160040    + 04000                          B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57D K5GRW09    0024950940 N42441321W082534077-0088    +0157100630000045060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57D K5SRW09 K5PG               0   18018002925                                                                  M
```

QUALITY 17 CHECKED

CITY AND STATE	ELEVATION: **632** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RAY, MI	AIRPORT NAME: **RAY COMMUNITY**	**RNAV**	**RNAV (GPS)-A, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		IKTIH	010	FACF	IF		FB				AA 02500	
		HODPI	020	FAF	TF		FB	0.5	090.7(084.7T)	007.4	AA 02500	
		OVUHU	021	SDF	TF		FB	0.3	094.0(088.0T)	003.6	AA 01340 GS 01344	
		RW09	030	MAP	TF		FO	0.3	094.0(088.0T)	002.1	AT 00675	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.0(088.0T)		AA 02000	
	HIGIG	050		DF	L	FO				AA 04000	
	HIGIG	060		HM	R	FO		261.6(255.6T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIGIG	N424507.09	W0824111.38	N4245.118	W08241.190
	HODPI	N424401.18	W0830127.05	N4244.020	W08301.451
	IKTIH	N424320.33	W0831124.55	N4243.339	W08311.409
	OVUHU	N424408.86	W0825631.65	N4244.148	W08256.528
	RW09	N424413.21	W0825340.77	N4244.220	W08253.680

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00630	45

QUALITY 17 CHECKED

CITY AND STATE	ELEVATION: **632** TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RAY, MI	AIRPORT NAME: **RAY COMMUNITY**	**RNAV**	**RNAV (GPS)-A, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
RAY, MI	RAY COMMUNITY	8 JANUARY 2015	ORIG

TAKEOFF MINIMUMS:

RWY 18, 36 NA – ATC.
RWY 09, 27 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09, ROAD 60 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, 15 FT AGL/645 FT MSL. TREE 119 FT FROM DER, 181 FT RIGHT OF CENTERLINE, 25 FT AGL/655 FT MSL. TREES BEGINNING 353 FT FROM DER, 204 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/729 FT MSL. TREES BEGINNING 2067 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/729 FT MSL.

NOTE: RWY 27, TREES BEGINNING 158 FT FROM DER, 232 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/729 FT MSL. TREES 184 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/729 MSL. TREES 920 FT FROM DER, 233 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/729 MSL.

CONTROLLING OBSTACLES:

QUALITY 17 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
RAY, MI	RAY COMMUNITY	8 JANUARY 2015	ORIG

REMARKS:

FLIGHT INSPECTED BY:

KENNETH EARL JACK FIOG *Digitally signed by* ***PETER GETZ*** 08/06/2014
Sep 12, 2014

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

RODNEY L RUMSEY *Digitally signed by* ***PETER GETZ*** AJV-353 07/01/2014
Sep 12, 2014

APPROVED BY:

GEORGE GONZALEZ *Digitally signed by* ***PETER GETZ*** AJV-353

COORDINATED WITH: Sep 12, 2014

ZOB, MTC APP CON, CENTRAL FTB, ARPT MGR, ALPA, AOPA, NBAA

CHANGES:

REASONS:

QUALITY 17 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KAVMY	SOTOW (FO)	345.54 / 15.87	6500
TUCKB	SOTOW (FO)	042.00 / 24.68	6200
PSHKN (IAF)	SOTOW (NOPT) (FB)	208.21 / 5.01	6200
SOTOW (IF/IAF)	DEELM (FB)	209.17 / 5.68	5300
DEELM (FAF)	WAGAN/2.10 NM TO RW21 (FB)	209.09 / 2.87	
WAGAN/2.10 NM TO RW21	RW21 (MAP) (FO)	209.09 / 2.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 8000 DIRECT DCEEE AND ON TRACK 260.14 TO TUCKB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE SOTOW, LT, 209.17 INBOUND, 6200 FT. IN LIEU OF PT (IAF)
3. FAC: 209.09 FAF: DEELM DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: SOTOW 6200, DEELM 5300, WAGAN/2.10 NM TO RW21 4380*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5300 GS ALT AT: DEELM 5300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS CLEAR
8. MSA FROM: RW21 8500

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 058.21 INBOUND.
CHART FAS OBST: 3738 BLDG-TWR 472908N/1112116W
DISTANCE TO THLD FROM 200 HAT: 0.44 NM.
CHART VDP AT 0.83 MILES TO RW21*
*LNAV ONLY.
WAAS CHANNEL # 90221
REFERENCE PATH ID: W21A
LTP HAE: 1101.2 M

MAG VAR: 16E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3869	4000	200	3869	4000	200	3869	4000	200	3869	4000	200			
LNAV/VNAV DA	3927	4500	258	3927	4500	258	3927	4500	258	3927	4500	258			
LNAV MDA	4000	5500	331	4000	5500	331	4000	5500	331	4000	5500	331			
CIRCLING	4120	1	440	4140	1	460	4140	1 1/2	460	4240	2	560			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 3680 TDZE: 3669 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	GREAT FALLS INTL	RNAV	RNAV (GPS) Y RWY 21, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A DATED 07/24/2014

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW21 (MAP)	3869 MSL	209.09	
3869 MSL	DCEEE (FB)		
DCEEE	NUPUQ (FO)	260.14 / 7.23	8000

NOTES, (CONT.):

CHART NOTE:FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 49C (121F).

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NUPUQ ON V187 SOUTHWEST BOUND

CHART PLANVIEW NOTE:PROCEDURE NA FOR ARRIVALS AT KAVMY ON V187 EASTBOUND

CHART PLANVIEW NOTE:PROCEDURE NA FOR ARRIVALS AT PSHKN ON V257 NORTHEAST BOUND

QUALITY 4 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGTF
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	472922.8935N
LTP/FTP LONGITUDE	1112113.6645W
LTP/FTP ELLIPSOIDAL HEIGHT	+11012
FPAP LATITUDE	472809.6300N
FPAP LONGITUDE	1112301.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E664DDBD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+11154
FPAP ORTHOMETRIC HEIGHT	+11154

QUALITY 4 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DCEEE K10    C     N47230766W111302606                    E0127     NAR           DCEEE
        SUSAEAENRT   DEELM K10    W     N47325324W111160248                    E0126     NAR           DEELM
        SUSAEAENRT   KAVMY K10    C   L N47210219W111104343                    E0125     NAR           KAVMY
        SUSAEAENRT   TUCKB K10    C   L N47235359W111410125                    E0127     NAR           TUCKB
        SUSAEAENRT   PSHKN K10    C   L N47402894W111045597                    E0125     NAR           PSHKN
        SUSAEAENRT   SOTOW K10    W     N47365369W111100549                    E0126     NAR           SOTOW
        SUSAEAENRT   WAGAN K10    W     N47305187W111190215                    E0126     NAR           WAGAN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGTFK1AGTF     0     105YHN47285755W111221420E016003680         1800018000C    MNAR    GREAT FALLS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGTFK1FR21-Y AKAVMY 010KAVMYK1EA0E       IF                                          18000                A JS
        SUSAP KGTFK1FR21-Y AKAVMY 020SOTOWK1EA0EY   020TF                    34550159    + 06500                        A JS
        SUSAP KGTFK1FR21-Y AKAVMY 030SOTOWK1EA0EE AL   HF                    20920070    + 06200                        A JS
        SUSAP KGTFK1FR21-Y ANUPUQ 010TUCKBK1EA0E       IF                                          18000                A JS
        SUSAP KGTFK1FR21-Y ANUPUQ 020SOTOWK1EA0EY   020TF                    04200247    + 06200                        A JS
        SUSAP KGTFK1FR21-Y ANUPUQ 030SOTOWK1EA0EE AL   HF                    20920070    + 06200                        A JS
        SUSAP KGTFK1FR21-Y APSHKN 010PSHKNK1EA0E  A    IF                                          18000                A JS
        SUSAP KGTFK1FR21-Y APSHKN 020SOTOWK1EA0EE B 010TF                    20820050    + 06200                        A JS
        SUSAP KGTFK1FR21-Y R      010SOTOWK1EA0E  I    IF                                + 06200     18000                A JS
        SUSAP KGTFK1FR21-Y R      020DEELMK1EA1E  F 051TF                    20920057    + 05300                RW21  K1PGA JS
        SUSAP KGTFK1FR21-Y R      020DEELMK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KGTFK1FR21-Y R      021WAGANK1EA0E S  031TF                    20910029    V 0438004387        -300         A JS
        SUSAP KGTFK1FR21-Y R      030RW21 K1PG0GY M 031TF                    20910021      03718             -300         A JS
        SUSAP KGTFK1FR21-Y R      040         0  M     CA                    2091        + 03869                        A JS
        SUSAP KGTFK1FR21-Y R      050DCEEEK1EA0E       DF                                                              A JS
        SUSAP KGTFK1FR21-Y R      060TUCKBK1EA0EY   010TF                    2601        + 08000                        A JS
        SUSAP KGTFK1FR21-Y R      070TUCKBK1EA0EE  L   HM                    05820070    + 08000                        A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGTFK1GRW21    0105022090 N47292289W111211366+0200    +1101203659000059150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **3680** **TDZE: 3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (GPS) Y RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

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```
SUSAP KGTFK1PR21-Y RW21 001Y0000W21A0N4729228935W11121136645+110120300N4728096300W11123017800106750000000590F400350E664DDBD
SUSAP KGTFK1PR21-Y RW21 002E      +11154+11154LPV       90221

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KGTFK1SRW21 K1PG               0   18018008525                                                                  M
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 3680 TDZE: 3669	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: GREAT FALLS INTL	RNAV	RNAV (GPS) Y RWY 21, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A DATED: 07/24/2014

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KAVMY	KAVMY	010		IF		FB					
	KAVMY	SOTOW	020		TF		FO	2.0	345.5(001.5T)	015.9	AA 06500	
	KAVMY	SOTOW	030	IAF	HF	L	FO		209.2(225.2T)	007.0	AA 06200	
	TUCKB	TUCKB	010		IF		FB					
	TUCKB	SOTOW	020		TF		FO	2.0	042.0(058.0T)	024.7	AA 06200	
	TUCKB	SOTOW	030	IAF	HF	L	FO		209.2(225.2T)	007.0	AA 06200	
	PSHKN	PSHKN	010	IAF	IF		FB					
	PSHKN	SOTOW	020		TF		FB	1.0	208.2(224.2T)	005.0	AA 06200	
		SOTOW	010	FACF	IF		FB				AA 06200	
		DEELM	020	FAF	TF		FB	0.5	209.2(225.2T)	005.7	AA 05300	
		WAGAN	021	SDF	TF		FB	0.3	209.1(225.1T)	002.9	AA 04380	GS 04387
		RW21	030	MAP	TF		FO	0.3	209.1(225.1T)	002.1	AT 03718	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		209.1(225.1T)		AA 03869	
	DCEEE	050		DF		FB					
	TUCKB	060		TF		FO	1.0	260.1(276.1T)		AA 08000	
	TUCKB	070		HM	L	FO		058.2(074.2T)	007.0	AA 08000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DCEEE	N472307.66	W1113026.06	N4723.128	W11130.434
	DEELM	N473253.24	W1111602.48	N4732.887	W11116.041
	KAVMY	N472102.19	W1111043.43	N4721.037	W11110.724
	TUCKB	N472353.59	W1114101.25	N4723.893	W11141.021
	PSHKN	N474028.94	W1110455.97	N4740.482	W11104.933
	SOTOW	N473653.69	W1111005.49	N4736.895	W11110.092
	WAGAN	N473051.87	W1111902.15	N4730.865	W11119.036
	RW21	N472922.89	W1112113.66	N4729.382	W11121.228

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	03659	59

CITY AND STATE	ELEVATION: **3680** TDZE: **3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (GPS) Y RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TUCKB (IAF)	KEPPR (TF) (FB) (RNP 1.00)	029.08 / 8.44	5500
DATSA (IAF)	KEPPR (TF) (FB) (RNP 1.00)	093.81 / 10.78	5500
KEPPR	JANON (TF) (FB) (RNP 1.00)	030.28 / 8.08	5500
BRADZ (IAF)	WOLLY (TF) (FB) (RNP 1.00)	124.18 / 39.61	5500
JANON (IF)	DRFTR (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CW (CFFPD)/4.44	5400
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 8000 ON TRACK 209.07 TO ZETNI RIGHT TURN TO UPIGY AND ON TRACK 268.08 TO TUCKB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 058.21 INBOUND.
DISTANCE TO THLD FROM 273 HAT: 0.67 NM.
ROUTE TYPE QUALIFIER1: S
#TCH 3718.3 MSL (DO NOT CHART)
ROUTE TYPE QUALIFIER1: P
ROUTE TYPE: A, R

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT KUDEY**
3. FAC: **209.07** FAF: DIST FAF TO MAP: THLD:
4. MIN. ALT:
5. DIST TO THLD FROM OM: **3.08** MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: **4700** GS ALT AT: **KUDEY 4700** OM: MM: IM:
7. GS ANGLE: **3.00** TCH: **59.0** **34:1 IS CLEAR**
8. MSA FROM: **RW21 8500**

MAG VAR: **16E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.10 DA	**3942**	**4500**	**273**	**3942**	**4500**	**273**	**3942**	**4500**	**273**	**3942**	**4500**	**273**			
RNP 0.30 DA	**3992**	**5000**	**323**	**3992**	**5000**	**323**	**3992**	**5000**	**323**	**3992**	**5000**	**323**			

NOTES:
CHART NOTE: RF REQUIRED.
CHART NOTE: GPS REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -24C (-11F) OR ABOVE 49C
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GREAT FALLS, MT	**ELEVATION: 3680** **TDZE: 3669** AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG-B** 8 JANUARY 2015	SUP: AMDT: **ORIG-A** DATED **07/24/2014**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOLLY (IF)	DRFTR (TF) (FB) (RNP 1.00)	124.64 / 5.00	5400
DRFTR	KUDEY (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CW (CFFPD)/3.97	4700
PSHKN (IAF)	DRYFT (TF) (FB) (RNP 1.00)	208.56 / 7.57	5100
DRYFT (IF)	KUDEY (TF) (FB) (RNP 1.00)	209.13 / 5.00	4700
YOGOS (IAF)	ZILEP (TF) (FB) (RNP 1.00)	292.16 / 14.93	6100
ZILEP (IF)	WEDAR (TF) (FB) (RNP 1.00)	291.95 / 5.00	5100
URELE (IAF)	ROWER (TF) (FB) (RNP 1.00)	004.51 / 24.30	8000
ROWER	PADDL (TF) (FB) (RNP 1.00)	004.66 / 9.00	5900
PADDL (IF)	WEDAR (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CCW (CFFPF)/3.43	5100
WEDAR	KUDEY (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CCW (CFFPF)/3.90	4700
KUDEY (FAF)	RW21 (MAP) (TF) (FO)	209.07 / 3.08	
RW21 (MAP)	ZETNI (TF) (FB) (RNP1.00)	209.03/6.05	
ZETNI	UPIGY (RF) (FB) (RNP1.00)	(7.00 NM RADIUS CW CFFPG)/ 7.22	
UPIGY	TUCKB (TF) (FO) (RNP1.00)	268.08 / 2.58	8000

NOTES, (CONT.):

CHART PLANVIEW NOTE AT PADDL, WEDAR, DRFTR, JANON: MAX 180 KIAS.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRADZ ON V21 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DATSA ON V536 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSHKN ON V257 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YOGOS ON V120 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT URELE ON V536 SOUTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TUCKB ON V187 WESTBOUND.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 3680 TDZE: 3669 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	GREAT FALLS INTL	RNAV	RNAV (RNP) Z RWY 21, ORIG-B 8 JANUARY 2015	AMDT: ORIG-A DATED: 07/24/2014

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ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   BRADZ K10    C   L N48093283W111595618                      E0130     NAR           BRADZ
         SUSAEAENRT   DATSA K10    C   L N47333076W111470912                      E0128     NAR           DATSA
         SUSAEAENRT   PSHKN K10    C   L N47402894W111045597                      E0125     NAR           PSHKN
         SUSAEAENRT   TUCKB K10    C   L N47235359W111410125                      E0127     NAR           TUCKB
         SUSAEAENRT   URELE K10    C   L N46573217W111284058                      E0126     NAR           URELE
         SUSAEAENRT   YOGOS K10    C   L N47193051W110493775                      E0123     NAR           YOGOS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGTFK1AGTF     0     105YHN47285755W111221420E016003680         1800018000C    MNAR    GREAT FALLS INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGTFK1CCFFPD K10    A     N47332807W111204952                      E0126     NAR           CNF(CFFPD)
         SUSAP KGTFK1CCFFPF K10    A     N47293881W111151188                      E0125     NAR           CNF(CFFPF)
         SUSAP KGTFK1CCFFPG K10    A     N47300313W111344951                      E0127     NAR           CNF(CFFPG)
         SUSAP KGTFK1CDRFTR K10    W     N47351058W111174433                      E0126     NAR           DRFTR
         SUSAP KGTFK1CDRYFT K10    W     N47350511W111124685                      E0125     NAR           DRYFT
         SUSAP KGTFK1CJANON K10    W     N47352525W111233463                      E0126     NAR           JANON
         SUSAP KGTFK1CKEPPR K10    W     N47295082W111321209                      E0127     NAR           KEPPR
         SUSAP KGTFK1CKUDEY K10    W     N47313347W111180060                      E0126     NAR           KUDEY
         SUSAP KGTFK1CPADDL K10    W     N47284147W111112850                      E0125     NAR           PADDL
         SUSAP KGTFK1CROWER K10    W     N47201656W111160941                      E0125     NAR           ROWER
         SUSAP KGTFK1CUPIGY K10    W     N47231594W111371985                      E0127     NAR           UPIGY
         SUSAP KGTFK1CWEDAR K10    W     N47314656W111124506                      E0125     NAR           WEDAR
         SUSAP KGTFK1CWOLLY K10    W     N47390250W111222538                      E0126     NAR           WOLLY
         SUSAP KGTFK1CZETNI K10    W     N47250635W111273178                      E0126     NAR           ZETNI
         SUSAP KGTFK1CZILEP K10    W     N47284239W111065614                      E0125     NAR           ZILEP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGTFK1FH21-Z ABRADZ 010BRADZK1EA0E  A    IF                                          18000                 A FS
         SUSAP KGTFK1FH21-Z ABRADZ 020WOLLYK1PC0E  B 010TF                                  + 05500                       A FS
         SUSAP KGTFK1FH21-Z ABRADZ 030DRFTRK1PC0E    010TF                                  + 05400          180          A-FS
         SUSAP KGTFK1FH21-Z ABRADZ 040KUDEYK1PC0EE  R010RF       0027001246    20910040    + 04700                  CFFPD K1PCA FS
         SUSAP KGTFK1FH21-Z ADATSA 010DATSAK1EA0E  A    IF                                          18000                 A FS
         SUSAP KGTFK1FH21-Z ADATSA 020KEPPRK1PC0E    010TF                                  + 05500                       A FS
         SUSAP KGTFK1FH21-Z ADATSA 030JANONK1PC0E  B 010TF                                  + 05500          180          A-FS
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **3680** **TDZE: 3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

```
SUSAP KGTFK1FH21-Z ADATSA 040DRFTRK1PC0E   R010RF       0027000303    12460044    + 05400          180    CFFPD K1PCA-FS
SUSAP KGTFK1FH21-Z ADATSA 050KUDEYK1PC0EE  R010RF       0027001246    20910040    + 04700                 CFFPD K1PCA FS
SUSAP KGTFK1FH21-Z APSHKN 010PSHKNK1EA0E  A    IF                                                18000                A FS
SUSAP KGTFK1FH21-Z APSHKN 020DRYFTK1PC0E  B 010TF                                    + 05100                           A FS
SUSAP KGTFK1FH21-Z APSHKN 030KUDEYK1PC0EE   010TF                                    + 04700                           A FS
SUSAP KGTFK1FH21-Z ATUCKB 010TUCKBK1EA0E  A    IF                                                18000                A FS
SUSAP KGTFK1FH21-Z ATUCKB 020KEPPRK1PC0E    010TF                                    + 05500                           A FS
SUSAP KGTFK1FH21-Z ATUCKB 030JANONK1PC0E  B 010TF                                    + 05500          180              A-FS
SUSAP KGTFK1FH21-Z ATUCKB 040DRFTRK1PC0E   R010RF       0027000303    12460044    + 05400          180    CFFPD K1PCA-FS
SUSAP KGTFK1FH21-Z ATUCKB 050KUDEYK1PC0EE  R010RF       0027001246    20910040    + 04700                 CFFPD K1PCA FS
SUSAP KGTFK1FH21-Z AURELE 010URELEK1EA0E  A    IF                                                18000                A FS
SUSAP KGTFK1FH21-Z AURELE 020ROWERK1PC0E    010TF                                    + 08000                           A FS
SUSAP KGTFK1FH21-Z AURELE 030PADDLK1PC0E  B 010TF                                    + 05900          180              A-FS
SUSAP KGTFK1FH21-Z AURELE 040WEDARK1PC0E   L010RF       0027000047    29200034    + 05100          180    CFFPF K1PCA-FS
SUSAP KGTFK1FH21-Z AURELE 050KUDEYK1PC0EE  L010RF       0027002920    20910039    + 04700                 CFFPF K1PCA FS
SUSAP KGTFK1FH21-Z AYOGOS 010YOGOSK1EA0E  A    IF                                                18000                A FS
SUSAP KGTFK1FH21-Z AYOGOS 020ZILEPK1PC0E  B 010TF                                    + 06100                           A FS
SUSAP KGTFK1FH21-Z AYOGOS 030WEDARK1PC0E    010TF                                    + 05100          180              A-FS
SUSAP KGTFK1FH21-Z AYOGOS 040KUDEYK1PC0EE  L010RF       0027002920    20910039    + 04700                 CFFPF K1PCA FS
SUSAP KGTFK1FH21-Z H      020KUDEYK1PC1E  F    IF                                    + 04700     18000       RW21  K1PGA FS
SUSAP KGTFK1FH21-Z H      020KUDEYK1PC2W                                                  A031A011                      FS
SUSAP KGTFK1FH21-Z H      030RW21 K1PG0GY M 031TF                                       03718             -300          A FS
SUSAP KGTFK1FH21-Z H      040ZETNIK1PC0E M  010TF                                                                      A FS
SUSAP KGTFK1FH21-Z H      050UPIGYK1PC0E   R010RF       0070002090    26810072                                CFFPG K1PCA FS
SUSAP KGTFK1FH21-Z H      060TUCKBK1EA0EY   010TF                                    + 08000                           A FS
SUSAP KGTFK1FH21-Z H      070TUCKBK1EA0EE  L   HM                     05820070    + 08000                           A FS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGTFK1GRW21    0105022090 N47292289W111211366+0200    +1101203659000059150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGTFK1SRW21 K1PG               0   18018008525                                                                    M
```

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **3680** **TDZE: 3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRADZ	BRADZ	010	IAF	IF		FB					
	BRADZ	WOLLY	020		TF		FB	1.0			AA 05500	
	BRADZ	DRFTR	030		TF		FB	1.0			AA 05400	AB 180
	BRADZ	KUDEY	040		RF	R	FB	1.0		004.0	AA 04700	
	DATSA	DATSA	010	IAF	IF		FB					
	DATSA	KEPPR	020		TF		FB	1.0			AA 05500	
	DATSA	JANON	030		TF		FB	1.0			AA 05500	AB 180
	DATSA	DRFTR	040		RF	R	FB	1.0		004.4	AA 05400	AB 180
	DATSA	KUDEY	050		RF	R	FB	1.0		004.0	AA 04700	
	PSHKN	PSHKN	010	IAF	IF		FB					
	PSHKN	DRYFT	020		TF		FB	1.0			AA 05100	
	PSHKN	KUDEY	030		TF		FB	1.0			AA 04700	
	TUCKB	TUCKB	010	IAF	IF		FB					
	TUCKB	KEPPR	020		TF		FB	1.0			AA 05500	
	TUCKB	JANON	030		TF		FB	1.0			AA 05500	AB 180
	TUCKB	DRFTR	040		RF	R	FB	1.0		004.4	AA 05400	AB 180
	TUCKB	KUDEY	050		RF	R	FB	1.0		004.0	AA 04700	
	URELE	URELE	010	IAF	IF		FB					
	URELE	ROWER	020		TF		FB	1.0			AA 08000	
	URELE	PADDL	030		TF		FB	1.0			AA 05900	AB 180
	URELE	WEDAR	040		RF	L	FB	1.0		003.4	AA 05100	AB 180
	URELE	KUDEY	050		RF	L	FB	1.0		003.9	AA 04700	
	YOGOS	YOGOS	010	IAF	IF		FB					
	YOGOS	ZILEP	020		TF		FB	1.0			AA 06100	
	YOGOS	WEDAR	030		TF		FB	1.0			AA 05100	AB 180
	YOGOS	KUDEY	040		RF	L	FB	1.0		003.9	AA 04700	
		KUDEY	020	FAF	IF		FB				AA 04700	
		RW21	030	MAP	TF		FO	0.3			AT 03718	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZETNI	040		TF		FB	1.0				
	UPIGY	050		RF	R	FB	1.0		007.2		
	TUCKB	060		TF		FO	1.0			AA 08000	
	TUCKB	070		HM	L	FO		058.2(074.2T)	007.0	AA 08000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRADZ	N480932.83	W1115956.18	N4809.547	W11159.936
	DATSA	N473330.76	W1114709.12	N4733.513	W11147.152
	PSHKN	N474028.94	W1110455.97	N4740.482	W11104.933
	TUCKB	N472353.59	W1114101.25	N4723.893	W11141.021

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **3680** **TDZE: 3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

URELE	N465732.17	W1112840.58	N4657.536	W11128.676
YOGOS	N471930.51	W1104937.75	N4719.509	W11049.629
CFFPD	N473328.07	W1112049.52	N4733.468	W11120.825
CFFPF	N472938.81	W1111511.88	N4729.647	W11115.198
CFFPG	N473003.13	W1113449.51	N4730.052	W11134.825
DRFTR	N473510.58	W1111744.33	N4735.176	W11117.739
DRYFT	N473505.11	W1111246.85	N4735.085	W11112.781
JANON	N473525.25	W1112334.63	N4735.421	W11123.577
KEPPR	N472950.82	W1113212.09	N4729.847	W11132.202
KUDEY	N473133.47	W1111800.60	N4731.558	W11118.010
PADDL	N472841.47	W1111128.50	N4728.691	W11111.475
ROWER	N472016.56	W1111609.41	N4720.276	W11116.157
UPIGY	N472315.94	W1113719.85	N4723.266	W11137.331
WEDAR	N473146.56	W1111245.06	N4731.776	W11112.751
WOLLY	N473902.50	W1112225.38	N4739.042	W11122.423
ZETNI	N472506.35	W1112731.78	N4725.106	W11127.530
ZILEP	N472842.39	W1110656.14	N4728.707	W11106.936
RW21	N472922.89	W1112113.66	N4729.382	W11121.228

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW21	03659	59

CITY AND STATE	ELEVATION: **3680** **TDZE: 3669**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREAT FALLS, MT	AIRPORT NAME: **GREAT FALLS INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG-B** 8 JANUARY 2015	AMDT: **ORIG-A**
				DATED: **07/24/2014**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IMUPE/GTF 13.00 DME CW (IAF)	UMBIH/GTF 13.00 DME (NOPT)	13.00 DME ARC	5700
WULOL/GTF 13.00 DME CCW (IAF)	UMBIH/GTF 13.00 DME (NOPT)	13.00 DME ARC	5700
UMBIH/GTF 13.00 DME (IF)	TRIGG/GTF 7.00 DME/RADAR	208.88 / 6.00 (GTF R-029)	4800

MISSED APPROACH

MAP: 3.60 MILES AFTER TRIGG/GTF 7.00 DME/RADAR OR AT 3.40 DME FIX

CLIMB DIRECT TO GTF VORTAC CONTINUE CLIMB TO 5500 IN GTF VORTAC HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 028.78 INBOUND.
CHART: 4117 TOWER 473208N/1111706W
CHART VDP AT 4.20 DME
DISTANCE VDP TO THLD 0.83 MILES.
CHART GTF R-277 AT IMUPE.
CHART GTF R-106 AT WULOL.
TRIGG TO RW21: 2.81/59.

1. PT L SIDE OF COURSE 028.88 OUTBOUND 5700 FT WITHIN 10 MILES OF TRIGG (IAF)
2.
3. FAC 208.88 FAF TRIGG/GTF 7.00 DME/RADAR DIST FAF TO MAP 3.63 THLD 3.63
4. MIN. ALT TRIGG/GTF 7.00 DME/RADAR 4800
8. MSA FROM: GTF VORTAC 050-250 8600, 250-050 6100

MAG VAR: 16E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-21	4000	5500	331	4000	5500	331	4000	5500	331	4000	5500	331			
CIRCLING	4140	1	460	4140	1	460	4140	1 1/2	460	4240	2	560			

NOTES:

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 3680 TDZE: 3669	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GREAT FALLS, MT	AIRPORT NAME: GREAT FALLS INTL	GTF	VOR RWY 21, AMDT 9C 8 JANUARY 2015	AMDT 9B
				DATE 08/28/2008

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ESTER (IAF)	ZOVEM (FB)	211.50 / 6.25	2000
ZOVEM (IF)	DALNN (FB)	229.40 / 7.42	1800
DALNN (FAF)	ZOTIL/2.00 NM TO RW23 (FB)	229.35 / 2.96	
ZOTIL/2.00 NM TO RW23	RW23 (MAP) (FO)	229.35 / 2.00	
RW23 (MAP)	700 MSL	229.35	700
700 MSL	WIKOG (FO)		2000

MISSED APPROACH

LPV: DA
LNAV: RW23

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 DIRECT WIKOG AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 108.96 INBOUND.
CHART FAS OBST: 299 TREE 351454N/0780050W
DISTANCE TO THLD FROM 286 HAT: 0.73 NM.
WAAS CHANNEL # 90331
REFERENCE PATH ID: W23A
LTP HAE: 15.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ZOVEM**
3. FAC: **229.35** FAF: **DALNN** DIST FAF TO MAP: **4.96** THLD: **4.96**
4. MIN. ALT: **ZOVEM 2000, DALNN 1800, ZOTIL/2.00 NM TO RW23 840***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1800** GS ALT AT: **DALNN 1800** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **53.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW23 2300**

MAG VAR: **9W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**452**	**1**	**286**	**452**	**1**	**286**	**452**	**1**	**286**		**NA**				
LNAV MDA	**580**	**1**	**414**	**580**	**1**	**414**	**580**	**1 1/8**	**414**		**NA**				
CIRCLING	**700**	**1**	**534**	**700**	**1**	**534**	**700**	**1 1/2**	**534**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ESTER ON V213 NORTHBOUND, AND ON V45 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 17 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOUNT OLIVE, NC	**ELEVATION: 166 TDZE: 166** AIRPORT NAME: **MOUNT OLIVE MUNI**	**RNAV**	**RNAV (GPS) RWY 23, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG** DATED **05/02/2013**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: OBTAIN SEYMOUR-JOHNSON ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE DUPLIN CO ALTIMETER SETTING AND INCREASE LPV DA TO 461, AND ALL MDA 20 FEET, INCREASE LNAV CAT C VISIBILITY 1/8 MILE.
CHART NOTE: PROCEDURE NA AT NIGHT.

QUALITY 17 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MOUNT OLIVE, NC	**ELEVATION: 166** **TDZE: 166** AIRPORT NAME: **MOUNT OLIVE MUNI**	**RNAV**	**RNAV (GPS) RWY 23, ORIG-A** 8 JANUARY 2015	SUP: AMDT: **ORIG** DATED: **05/02/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	W40
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	351335.1310N
LTP/FTP LONGITUDE	0780200.5240W
LTP/FTP ELLIPSOIDAL HEIGHT	+00155
FPAP LATITUDE	351227.0700N
FPAP LONGITUDE	0780310.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	25CF54AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00506
FPAP ORTHOMETRIC HEIGHT	+00506

QUALITY 17 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MOUNT OLIVE, NC	ELEVATION: 166 TDZE: 166 AIRPORT NAME: MOUNT OLIVE MUNI	RNAV	RNAV (GPS) RWY 23, ORIG-A 8 JANUARY 2015	SUP: AMDT: ORIG DATED: 05/02/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DALNN K70    W     N35172257W077580512                    W0095     NAR           DALNN
        SUSAEAENRT   ESTER K70    C   L N35284904W077491729                    W0096     NAR           ESTER
        SUSAEAENRT   WIKOG K70    W     N35055524W078193440                    W0092     NAR           WIKOG
        SUSAEAENRT   ZOTIL K70    W     N35150677W078002573                    W0095     NAR           ZOTIL
        SUSAEAENRT   ZOVEM K70    W     N35230209W077521279                    W0096     NAR           ZOVEM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP W40 K7AW40     0     052YHN35131723W078021902W009000166         1800018000C    MNAR    MOUNT OLIVE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP W40 K7FR23   AESTER 010ESTERK7EA0E  A    IF                                          18000                A JS
        SUSAP W40 K7FR23   AESTER 020ZOVEMK7EA0EE B 010TF                    21150063    + 02000                      A JS
        SUSAP W40 K7FR23   R      010ZOVEMK7EA0E  I    IF                                + 02000     18000            A JS
        SUSAP W40 K7FR23   R      020DALNNK7EA1E  F 051TF                    22940074    + 01800                RW23  K7PGA JS
        SUSAP W40 K7FR23   R      020DALNNK7EA2WALPV       N          ALNAV                                          JS
        SUSAP W40 K7FR23   R      021ZOTILK7EA0E S  031TF                    22940030    V 0084000856        -300       A JS
        SUSAP W40 K7FR23   R      030RW23 K7PG0GY M 031TF                    22940020      00219             -300       A JS
        SUSAP W40 K7FR23   R      040         0  M     CA                    2294        + 00700                      A JS
        SUSAP W40 K7FR23   R      050WIKOGK7EA0EY  R   DF                              + 02000                      A JS
        SUSAP W40 K7FR23   R      060WIKOGK7EA0EE  R   HM                    10900040    + 02000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP W40 K7GRW23    0052552293 N35133513W078020052+0000    +0015500166025553075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP W40 K7PR23   RW23 001 0000W23A0N3513351310W07802005240+001550300N3512270700W078031086001067512320005 30F40050025CF54AE
        SUSAP W40 K7PR23   RW23 002E      +00506+00506LPV       90331

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP W40 K7SRW23 K7PG               0   18018002325                                                                  M
```

QUALITY 17 CHECKED

CITY AND STATE	ELEVATION: **166** **TDZE: 166**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MOUNT OLIVE, NC	AIRPORT NAME: **MOUNT OLIVE MUNI**	**RNAV**	**RNAV (GPS) RWY 23, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
				DATED: **05/02/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ESTER	ESTER	010	IAF	IF		FB					
	ESTER	ZOVEM	020		TF		FB	1.0	211.5(202.5T)	006.3	AA 02000	
		ZOVEM	010	FACF	IF		FB				AA 02000	
		DALNN	020	FAF	TF		FB	0.5	229.4(220.4T)	007.4	AA 01800	
		ZOTIL	021	SDF	TF		FB	0.3	229.4(220.4T)	003.0	AA 00840	GS 00856
		RW23	030	MAP	TF		FO	0.3	229.4(220.4T)	002.0	AT 00219	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		229.4(220.4T)		AA 00700	
	WIKOG	050		DF	R	FO				AA 02000	
	WIKOG	060		HM	R	FO		109.0(100.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DALNN	N351722.57	W0775805.12	N3517.376	W07758.085
	ESTER	N352849.04	W0774917.29	N3528.817	W07749.288
	WIKOG	N350555.24	W0781934.40	N3505.921	W07819.573
	ZOTIL	N351506.77	W0780025.73	N3515.113	W07800.429
	ZOVEM	N352302.09	W0775212.79	N3523.035	W07752.213
	RW23	N351335.13	W0780200.52	N3513.586	W07802.009

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00166	53

QUALITY 17 CHECKED

CITY AND STATE	ELEVATION: **166**	**TDZE: 166**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MOUNT OLIVE, NC	AIRPORT NAME: **MOUNT OLIVE MUNI**		**RNAV**	**RNAV (GPS) RWY 23, ORIG-A** 8 JANUARY 2015	AMDT: **ORIG**
					DATED: **05/02/2013**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
OMAHA, NE	**ELEVATION: 1051 TDZE: 1051** AIRPORT NAME: **MILLARD**	**MLE**	**NDB RWY 12, AMDT 10D, 09/19/2013**	SUP 4 AMDT 10C DATE **09/28/2006**

QUALITY CHECKED

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
SANDUSKY, OH	GRIFFING-SANDUSKY	10 MAR 2011	2

TAKEOFF MINIMUMS:

PROCEDURE CANCELLED EFFECTIVE 8 JANUARY 2015.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY 9 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SANDUSKY, OH	**ELEVATION: 580 TDZE: 577** AIRPORT NAME: **GRIFFING-SANDUSKY**	**SKY**	**VOR RWY 27, AMDT 7B, 07/01/2010**	SUP AMDT **7A** DATE **06/05/2008**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME OR GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 8 JANUARY 2015

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SANDUSKY, OH	**ELEVATION: 580 TDZE: 577** AIRPORT NAME: **GRIFFING-SANDUSKY**	**SKY**	**VOR/DME OR GPS RWY 27, AMDT 2B, 07/01/2010**	SUP AMDT **2A** DATE **06/05/2008**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VULCE (IF/IAF)	HENHU (FB)	139.38 / 7.00	1600
HENHU (FAF)	JODUK/2.00 NM TO RW14 (FB)	139.41 / 2.79	
JODUK/2.00 NM TO RW14	RW14 (MAP) (FO)	139.41 / 2.00	
RW14 (MAP)	280 MSL	139.41	
280 MSL	TOVEE (FO)		2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 2200 DIRECT TOVEE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW VULCE, RT, 139.38 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC: 139.41 FAF: HENHU DIST FAF TO MAP: 4.79 THLD: 4.79
4. MIN. ALT: VULCE 2200, HENHU 1600, JODUK/2.00 NM TO RW14 700*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: HENHU 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.2 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 319.50 INBOUND.
CHART FAS OBST: 79 TREE 283900N/0964130W
DISTANCE TO THLD FROM 250 HAT: 1.00 NM.
CHART VDP AT 1.02 MILES TO RW14*
*LNAV ONLY.
WAAS CHANNEL # 53437
REFERENCE PATH ID: W14A
LTP HAE: -18 M
CHART CIRCLING ICON
CHART: A-632E

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	280	3/4	250	280	3/4	250	280	3/4	250		NA				
LNAV/VNAV DA	280	3/4	250	280	3/4	250	280	3/4	250		NA				
LNAV MDA	440	1	410	440	1	410	440	1 1/8	410		NA				
CIRCLING	480	1	448	500	1	468	560	1 1/2	528		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VICTORIA ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET AND ALL VISIBILITIES 1/4 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 32 TDZE: 30 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	CALHOUN COUNTY	RNAV	RNAV (GPS) RWY 14, AMDT 2 8 JANUARY 2015	AMDT: 1 DATED 12/20/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: BARO-VNAV AND VDP NA WITH VICTORIA ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: NIGHT LANDING: RWY 32 NA.

TAA

	FROM	TO	ALT
1.	049/30 CW 229/30 (NOPT)	VULCE (IF/IAF) (FB)	2200
	229/30 CW 049/30	VULCE (IAF) (FO)	2200

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PORT LAVACA, TX	**ELEVATION: 32** **TDZE: 30** AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 2** 8 JANUARY 2015	SUP: AMDT: **1** DATED: **12/20/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPKV
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	283934.6530N
LTP/FTP LONGITUDE	0964109.0675W
LTP/FTP ELLIPSOIDAL HEIGHT	-00180
FPAP LATITUDE	283821.9770N
FPAP LONGITUDE	0964010.1790W
THRESHOLD CROSSING HEIGHT (TCH)	00045.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1BE959BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00091
FPAP ORTHOMETRIC HEIGHT	+00091

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PORT LAVACA, TX	ELEVATION: 32 TDZE: 30 AIRPORT NAME: CALHOUN COUNTY	RNAV	RNAV (GPS) RWY 14, AMDT 2 8 JANUARY 2015	SUP: AMDT: 1 DATED: 12/20/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HENHU K40    W     N28432896W096441911                    E0036     NAR           HENHU
        SUSAEAENRT   JODUK K40    W     N28411253W096422842                    E0036     WGE           JODUK
        SUSAEAENRT   TOVEE K40    W     N28291698W096324940                    E0035     WGE           TOVEE
        SUSAEAENRT   VULCE K40    W     N28491133W096485736                    E0037     NAR           VULCE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4APKV     0     050YHN28391190W096405780E005000032         1800018000C    MNAR    CALHOUN COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4FR14   AVULCE 010VULCEK4EA0EE AR   HF                    13940040    + 02200     18000                A JS
        SUSAP KPKVK4FR14   R      010VULCEK4EA0E  I    IF                                + 02200     18000                A JS
        SUSAP KPKVK4FR14   R      020HENHUK4EA1E  F 051TF                    13940070    + 01600                          A JS
        SUSAP KPKVK4FR14   R      020HENHUK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KPKVK4FR14   R      021JODUKK4EA0E S  031TF                    13940028    V 0070000712        -300         A JS
        SUSAP KPKVK4FR14   R      030RW14 K4PG0GY M 031TF                    13940020      00075             -300         A JS
        SUSAP KPKVK4FR14   R      040         0  M     CA                    1394        + 00280                          A JS
        SUSAP KPKVK4FR14   R      050TOVEEK4EA0EY      DF                              + 02200                          A JS
        SUSAP KPKVK4FR14   R      060TOVEEK4EA0EE  R   HM                    31950040    + 02200                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4GRW14    0050041394 N28393465W096410907+0000    -0018000030000045075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4PR14   RW14 001 0000W14A0N2839346530W09641090675-001800300N2838219770W096401017901067512240004 52F4005001BE959BC
        SUSAP KPKVK4PR14   RW14 002E      +00091+00091LPV       53437
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **32** **TDZE: 30**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 2** 8 JANUARY 2015	AMDT: **1**
				DATED: **12/20/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	VULCE	VULCE	010	IAF	HF	R	FO		139.4(144.4T)	004.0	AA 02200	
		VULCE	010	FACF	IF		FB				AA 02200	
		HENHU	020	FAF	TF		FB	0.5	139.4(144.4T)	007.0	AA 01600	
		JODUK	021	SDF	TF		FB	0.3	139.4(144.4T)	002.8	AA 00700 GS 00712	
		RW14	030	MAP	TF		FO	0.3	139.4(144.4T)	002.0	AT 00075	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		139.4(144.4T)		AA 00280	
	TOVEE	050		DF		FO				AA 02200	
	TOVEE	060		HM	R	FO		319.5(324.5T)	004.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HENHU	N284328.96	W0964419.11	N2843.483	W09644.319
	JODUK	N284112.53	W0964228.42	N2841.209	W09642.474
	TOVEE	N282916.98	W0963249.40	N2829.283	W09632.823
	VULCE	N284911.33	W0964857.36	N2849.189	W09648.956
	RW14	N283934.65	W0964109.07	N2839.578	W09641.151

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00030	45

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **32** TDZE: **30**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 14, AMDT 2** 8 JANUARY 2015	AMDT: **1**
				DATED: **12/20/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TOVEE (IF/IAF)	WIVAM (FB)	319.50 / 7.00	1600
WIVAM (FAF)	PIPIY/2.00 NM TO RW32 (FB)	319.47 / 2.79	
PIPIY/2.00 NM TO RW32	RW32 (MAP) (FO)	319.47 / 2.00	
RW32 (MAP)	340 MSL	319.47	
340 MSL	VULCE (FO)		2200

MISSED APPROACH

LP: RW32
LNAV: RW32

CLIMB TO 2200 DIRECT VULCE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE TOVEE, RT, 319.50 INBOUND, 2200 FT. IN LIEU OF PT (IAF)**
3. FAC: **319.47** FAF: **WIVAM** DIST FAF TO MAP: **4.79** THLD: **4.79**
4. MIN. ALT: **TOVEE 2200, WIVAM 1600, PIPIY/2.00 NM TO RW32 700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 139.38 INBOUND.
CHART FAS OBST: 86 TOWER 283902N/0964053W
CHART FAS OBST: 79 TREE 203745N/0964000W
WAAS CHANNEL # 58037
REFERENCE PATH ID: W32A
WIVAM TO RW32: 3.00/45.
LTP HAE: -18.4 M
CHART CIRCLING ICON
CHART: A632E

MAG VAR: **5E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD@**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	**340**	**1**	**310**	**340**	**1**	**310**	**340**	**1**	**310**		**NA**				
LNAV MDA	**400**	**1**	**370**	**400**	**1**	**370**	**400**	**1**	**370**		**NA**				
CIRCLING	**480**	**1**	**448**	**500**	**1**	**468**	**560**	**1 1/2**	**528**		**NA**				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VICTORIA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITIES 1/4 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: NIGHT LANDING: RWY 32 NA.

@NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 6 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	**ELEVATION: 32 TDZE: 30** **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 32, ORIG** 8 JANUARY 2015	AMDT: **NONE** DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	230/30 CW 050/30 (NOPT)	230/20 CW 050/20	2600
	230/20 CW 050/20	TOVEE (IF/IAF) (FB)	2200
2.	050/30 CW 230/30	TOVEE (IAF) (FO)	2600

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 32 TDZE: 30	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 32, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPKV
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	283854.3490N
LTP/FTP LONGITUDE	0964036.4055W
LTP/FTP ELLIPSOIDAL HEIGHT	-00184
FPAP LATITUDE	284007.0180N
FPAP LONGITUDE	0964135.3105W
THRESHOLD CROSSING HEIGHT (TCH)	00045.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	102CB529

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00087
FPAP ORTHOMETRIC HEIGHT	+00087

QUALITY 6 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PORT LAVACA, TX	ELEVATION: 32 TDZE: 30 AIRPORT NAME: CALHOUN COUNTY	RNAV	RNAV (GPS) RWY 32, ORIG 8 JANUARY 2015	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PIPIY K40    W     N28371646W096391710                    E0036     WGE           PIPIY
        SUSAEAENRT   TOVEE K40    W     N28291698W096324940                    E0035     WGE           TOVEE
        SUSAEAENRT   VULCE K40    W     N28491133W096485736                    E0037     NAR           VULCE
        SUSAEAENRT   WIVAM K40    W     N28345974W096372643                    E0035     WGE           WIVAM

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4APKV     0     050YHN28391190W096405780E005000032         18000018000C    MNAR    CALHOUN COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4FR32   ATOVEE 010TOVEEK4EA0EE AR   HF                    31950040    + 02200     18000                A JS
        SUSAP KPKVK4FR32   R      010TOVEEK4EA0E  I    IF                                + 02200     18000                A JS
        SUSAP KPKVK4FR32   R      020WIVAMK4EA1E  F 051TF                    31950070    + 01600                          A JS
        SUSAP KPKVK4FR32   R      020WIVAMK4EA2WALP        N          ALNAV                                                JS
        SUSAP KPKVK4FR32   R      021PIPIYK4EA0E S  031TF                    31950028    V 0070000711        -300         A JS
        SUSAP KPKVK4FR32   R      030RW32 K4PG0GY M 031TF                    31950020      00074             -300         A JS
        SUSAP KPKVK4FR32   R      040         0  M     CA                    3195        + 00340                          A JS
        SUSAP KPKVK4FR32   R      050VULCEK4EA0EY      DF                              + 02200                          A JS
        SUSAP KPKVK4FR32   R      060VULCEK4EA0EE  R   HM                    13940040    + 02200                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4GRW32    0050043194 N28385435W096403641+0000    -00184000290000045075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPKVK4PR32   RW32 001 0000W32A0N2838543490W09640364055-001840300N2840070180W096413531051067512240004 51F400000102CB529
        SUSAP KPKVK4PR32   RW32 002E      +00087+00087LP        58037
```

CITY AND STATE	ELEVATION: **32** **TDZE: 30**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 32, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TOVEE	TOVEE	010	IAF	HF	R	FO		319.5(324.5T)	004.0	AA 02200	
		TOVEE	010	FACF	IF		FB				AA 02200	
		WIVAM	020	FAF	TF		FB	0.5	319.5(324.5T)	007.0	AA 01600	
		PIPIY	021	SDF	TF		FB	0.3	319.5(324.5T)	002.8	AA 00700 GS 00711	
		RW32	030	MAP	TF		FO	0.3	319.5(324.5T)	002.0	AT 00074	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		319.5(324.5T)		AA 00340	
	VULCE	050		DF		FO				AA 02200	
	VULCE	060		HM	R	FO		139.4(144.4T)	004.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIPIY	N283716.46	W0963917.10	N2837.274	W09639.285
	TOVEE	N282916.98	W0963249.40	N2829.283	W09632.823
	VULCE	N284911.33	W0964857.36	N2849.189	W09648.956
	WIVAM	N283459.74	W0963726.43	N2834.996	W09637.441
	RW32	N283854.35	W0964036.41	N2838.906	W09640.607

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00029	45

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: **32** **TDZE: 30**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORT LAVACA, TX	AIRPORT NAME: **CALHOUN COUNTY**	**RNAV**	**RNAV (GPS) RWY 32, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
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City, State	Airport	Effective Date	Amdt. No.
RICHMOND, VA	RICHMOND INTL	8 JANUARY 2015	2

TAKEOFF MINIMUMS:

RWY 7, 16, 20, 25, 30, 34, STANDARD.

RWY 2, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 400, 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.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, BUSHES 104 FT FROM DER, 223 FT LEFT OF CENTERLINE, UP TO 4 FT AGL/169 FT MSL. TREES BEGINNING 2363 FT FROM DER, 235 FT LEFT OF CENTERLINE, UP TO 82 FT AGL/251 FT MSL. TREES BEGINNING 2918 FT FROM DER, 367 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/260 FT MSL. TOWER 5423 FT FROM DER, 1709 FT LEFT OF CENTERLINE, 157 FT AGL/321 FT MSL.

NOTE: RWY 7, TREES BEGINNING 1892 FT FROM DER, 283 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/226 FT MSL. TREES 2346 FT FROM DER, 190 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/218 FT MSL.

NOTE: RWY 20, BUILDING 817 FT FROM DER, 665 FT RIGHT OF CENTERLINE, 53 FT AGL/212 FT MSL. TREES 2307 FT FROM DER, 1065 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/235 FT MSL. POLE AND TREES BEGINNING 2645 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/255 FT MSL.

NOTE: RWY 25, RAILROAD AND TOWER BEGINNING 779 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/187 FT MSL. TREES BEGINNING 2414 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/255 FT MSL. POLE AND TREES BEGINNING 3056 FT FROM DER, 357 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/252 FT MSL.

NOTE: RWY 34, POLE 1262 FT FROM DER, 732 FT LEFT OF CENTERLINE, 41 FT AGL/200 FT MSL. TREES BEGINNING 2202 FT FROM DER, 1052 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/232 FT MSL. TREES BEGINNING 2689 FT FROM DER, 998 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/237 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 321 FT MSL TOWER 373155.55N/0771932.65W.

QUALITY 10 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
RICHMOND, VA	RICHMOND INTL	8 JANUARY 2015	2

REMARKS:

FLIGHT INSPECTED BY:

BILL SETTLEMIRE — *Digitally signed by* ***JACOB POWERS*** Oct 10, 2014 — 10/3/2014

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER GUIMOND — *Digitally signed by* ***JACOB POWERS*** Oct 10, 2014 — AJV-352 — 8/21/2014

APPROVED BY:

SUSAN CRUMB — *Digitally signed by* ***JACOB POWERS*** Oct 10, 2014 — AJV-352

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZDC, POTOMAC APP CON, RIC TOWER, ARPT MGR

CHANGES:

1. AMENDED RWY 2 CEILING VALUE FROM 200 TO 300.
2. AMENDED RWY 2 CONTROLLING OBSTACLE FROM 320 MSL POLE TO 321 MSL TOWER.
3. AMENDED RWY 2, 7, 20, 25, AND 34 TAKEOFF OBSTACLE NOTES.

REASONS:

1. CEILING ROUNDED UP TO 300 IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.
2. NEW OBSTACLE STUDY.
3. NEW OBSTACLE STUDY. NOTES FORMATTED IAW CURRENT POLICY.

QUALITY 10 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LOFAL (IAF)	GITRE (FB)	146.59 / 11.55	3400
GITRE (IF)	WUMOX (FB)	196.90 / 5.89	2500
WUMOX (FAF)	RW20 (MAP) (FO)	196.84 / 6.31	
RW20 (MAP)	641 MSL	196.84	
641 MSL	CEBOD (FB)		
CEBOD	CARRO (FO)	170.40 / 7.19	4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 4000 DIRECT CEBOD AND ON TRACK 170.40 TO CARRO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GITRE
3. FAC: 196.84 FAF: WUMOX DIST FAF TO MAP: 6.31 THLD: 6.31
4. MIN. ALT: GITRE 3400, WUMOX 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WUMOX 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.4 34:1 IS CLEAR
8. MSA FROM: RW20 8900

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 047.40 INBOUND.
CHART ARRIVAL HOLDING AT LOFAL: HOLD NW, RT, 146.59 INBOUND, 3400
CHART FAS OBST: 1096 TREE 473237N/1224403W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 2.69 MILES TO RW20*
*LNAV ONLY.
WAAS CHANNEL # 61106
REFERENCE PATH ID: W20A
CHART CIRCLING ICON
LTP HAE: 112.4 M

MAG VAR: 16E EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	641	1/2	200	641	1/2	200	641	1/2	200	641	1/2	200			
LNAV/VNAV DA	1395	3	954	1395	3	954	1395	3	954	1395	3	954			
LNAV MDA	1300	1/2	859	1300	3/4	859	1300	2	859	1300	2	859			
CIRCLING	1300	1 1/4	856	1300	1 1/4	856	1300	2 1/2	856	1300	2 3/4	856			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (4F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA FOR CATS C AND D WEST OF RWY 2-20.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SEATTLE-TACOMA INTL ALTIMETER SETTING.
(SEE FORM 8260-10)

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 444 TDZE: 441 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BREMERTON, WA	BREMERTON NATIONAL	RNAV	RNAV (GPS) RWY 20, AMDT 1A 8 JANUARY 2015	AMDT: 1 DATED 08/22/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SEATTLE-TACOMA INTL ALTIMETER SETTING AND INCREASE ALL DA 45 FT AND ALL MDA 60 FT; INCREASE LNAV CAT A VISIBILITY 1/4 MILE; INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: NIGHT LANDING: RWY 2 NA.

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BREMERTON, WA	**ELEVATION: 444** **TDZE: 441** AIRPORT NAME: **BREMERTON NATIONAL**	**RNAV**	**RNAV (GPS) RWY 20, AMDT 1A** 8 JANUARY 2015	SUP: AMDT: **1** DATED: **08/22/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWT
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	472949.7710N
LTP/FTP LONGITUDE	1224529.6840W
LTP/FTP ELLIPSOIDAL HEIGHT	+01124
FPAP LATITUDE	472834.8955N
FPAP LONGITUDE	1224640.8015W
THRESHOLD CROSSING HEIGHT (TCH)	00049.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B57FFEA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01344
FPAP ORTHOMETRIC HEIGHT	+01344

QUALITY 9 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CARRO K10    C   L N47173803W122512786                    E0161     NAR           CARRO
        SUSAEAENRT   CEBOD K10    W     N47244655W122501724                    E0162     NAR           CEBOD
        SUSAEAENRT   GITRE K10    W     N47400463W122354312                    E0162     NAR           GITRE
        SUSAEAENRT   LOFAL K10    C   L N47510559W122404986                    E0162     NAR           LOFAL
        SUSAEAENRT   WUMOX K10    C     N47350783W122402684                    E0162     NAR           WUMOX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWTK1APWT     0     060YHN47292490W122455330E016000444         1800018000C    MNAR    BREMERTON NATIONAL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWTK1FR20   ALOFAL 010LOFALK1EA0E  C    IF                                          18000                A JS
        SUSAP KPWTK1FR20   ALOFAL 020GITREK1EA0EE B 010TF                    14660116    + 03400                       A JS
        SUSAP KPWTK1FR20   R      010GITREK1EA0E  I    IF                                + 03400     18000           A JS
        SUSAP KPWTK1FR20   R      020WUMOXK1EA1E  F 051TF                    19690059    + 02500                RW20  K1PGA JS
        SUSAP KPWTK1FR20   R      020WUMOXK1EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KPWTK1FR20   R      030RW20 K1PG0GY M 031TF                    19680063      00490            -300      A JS
        SUSAP KPWTK1FR20   R      040         0  M     CA                    1968        + 00641                     A JS
        SUSAP KPWTK1FR20   R      050CEBODK1EA0E       DF                                                          A JS
        SUSAP KPWTK1FR20   R      060CARROK1EA0EY   010TF                    1704        + 04000                     A JS
        SUSAP KPWTK1FR20   R      070CARROK1EA0EE  R   HM                    04740040    + 04000                     A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWTK1GRW20    0060001968 N47294977W122452968+0100    +011240044100004915OIIPWT1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWTK1PR20   RW20 001 0000W20A0N4729497710W1224529684O+011240300N4728348955W12246408015106750920000494F400350B57FFEA1
        SUSAP KPWTK1PR20   RW20 002E      +01344+01344LPV       61106

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPWTK1SRW20 K1PG               0   18018008925                                                                  M
```

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **444** **TDZE: 441**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BREMERTON, WA	AIRPORT NAME: **BREMERTON NATIONAL**	**RNAV**	**RNAV (GPS) RWY 20, AMDT 1A** 8 JANUARY 2015	AMDT: **1**
				DATED: **08/22/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LOFAL	LOFAL	010	IAF	IF		FB					
	LOFAL	GITRE	020		TF		FB	1.0	146.6(162.6T)	011.6	AA 03400	
		GITRE	010	FACF	IF		FB				AA 03400	
		WUMOX	020	FAF	TF		FB	0.5	196.9(212.9T)	005.9	AA 02500	
		RW20	030	MAP	TF		FO	0.3	196.8(212.8T)	006.3	AT 00490	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		196.8(212.8T)		AA 00641	
	CEBOD	050		DF		FB					
	CARRO	060		TF		FO	1.0	170.4(186.4T)		AA 04000	
	CARRO	070		HM	R	FO		047.4(063.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARRO	N471738.03	W1225127.86	N4717.634	W12251.464
	CEBOD	N472446.55	W1225017.24	N4724.776	W12250.287
	GITRE	N474004.63	W1223543.12	N4740.077	W12235.719
	LOFAL	N475105.59	W1224049.86	N4751.093	W12240.831
	WUMOX	N473507.83	W1224026.84	N4735.131	W12240.447
	RW20	N472949.77	W1224529.68	N4729.830	W12245.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00441	49

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: **444** **TDZE: 441**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BREMERTON, WA	AIRPORT NAME: **BREMERTON NATIONAL**	**RNAV**	**RNAV (GPS) RWY 20, AMDT 1A** 8 JANUARY 2015	AMDT: **1**
				DATED: **08/22/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOKOG (IF/IAF)	ZOBEB (FB)	115.29 / 6.00	3500
ZOBEB (FAF)	HUKAS/2.40 NM TO RW12 (FB)	115.38 / 3.28	
HUKAS/2.40 NM TO RW12	RW12 (MAP) (FO)	115.38 / 2.40	
RW12 (MAP)	2050 MSL	115.38	
2050 MSL	YITUB (FO)		4400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 4400 DIRECT YITUB AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW WOKOG, RT, 115.29 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 115.38 FAF: ZOBEB DIST FAF TO MAP: 5.68 THLD: 5.68
4. MIN. ALT: WOKOG 4400, ZOBEB 3500, HUKAS/2.40 NM TO RW12 2440*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: ZOBEB 3500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 295.66 INBOUND.
FAS OBST: 1949 TREE 453244N/0885810W
DISTANCE TO THLD FROM 404 HATH: 1.14 NM.
WAAS CHANNEL # 58036
REFERENCE PATH ID: W12A
CHART RHINELANDER ASOS
CHART CIRCLING ICON
LTP HAE: 469.4 M

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2054	1 3/8	404	2054	1 3/8	404	2054	1 3/8	404		NA				
LNAV/VNAV DA	2350	2 1/2	700	2350	2 1/2	700	2350	2 1/2	700		NA				
LNAV MDA	2260	1	610	2260	1	610	2260	1 3/8	610		NA				
CIRCLING	2300	1	650	2340	1	690	2360	2	710		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: NIGHT LANDING: RWY 30 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1650 THRE: 1650	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CRANDON, WI	AIRPORT NAME: CRANDON/STEVE CONWAY MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED

NOTES, (CONT.):
CHART NOTE: USE RHINELANDER ALTIMETER SETTING, WHEN NOT RECEIVED USE EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL DA 9 FT AND ALL MDA 20 FT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	025/30 CW 205/30 (NOPT)	WOKOG (IF/IAF) (FB)	4400
	205/30 CW 025/30	WOKOG (IF/IAF) (FO)	4400

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	Y55
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	453132.5725N
LTP/FTP LONGITUDE	0885614.7235W
LTP/FTP ELLIPSOIDAL HEIGHT	+04694
FPAP LATITUDE	453058.5080N
FPAP LONGITUDE	0885417.6315W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BBFCFF60

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+05029
FPAP ORTHOMETRIC HEIGHT	+05029

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUKAS K50    W     N45322756W088592405                        W0034     NAR           HUKAS
        SUSAEAENRT   WOKOG K50    W     N45355942W089113738                        W0032     NAR           WOKOG
        SUSAEAENRT   YITUB K50    W     N45264852W088400305                        W0036     NAR           YITUB
        SUSAEAENRT   ZOBEB K50    W     N45334265W089034327                        W0033     NAR           ZOBEB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y55 K5AY55     0     035YHN45312153W088554237W003001650         1800018000C    MNAR    CRANDON/STEVE CONWAY MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y55 K5FR12   AWOKOG 010WOKOGK5EA0EE AR   HF                      11530050    + 04400     18000                A JS
        SUSAP Y55 K5FR12   R      010WOKOGK5EA0E  I    IF                                  + 04400     18000                A JS
        SUSAP Y55 K5FR12   R      020ZOBEBK5EA1E  F 010TF                      11530060    + 03500                          A JS
        SUSAP Y55 K5FR12   R      020ZOBEBK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP Y55 K5FR12   R      021HUKASK5EA0E S  031TF                      11540033    V 0244002454        -300         A JS
        SUSAP Y55 K5FR12   R      030RW12 K5PG0GY M 031TF                      11540024      01690             -300         A JS
        SUSAP Y55 K5FR12   R      040          0  M     CA                     1154        + 02050                          A JS
        SUSAP Y55 K5FR12   R      050YITUBK5EA0EY       DF                                + 04400                          A JS
        SUSAP Y55 K5FR12   R      060YITUBK5EA0EE  R    HM                     29570050    + 04400                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y55 K5GRW12    0035501155 N45313257W088561472-0600    +04694016500000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y55 K5PR12   RW12 001 0000W12A0N4531325725W08856147235+046940300N4530585080W088541763151067516720004O0F400500BBFCFF60
        SUSAP Y55 K5PR12   RW12 002E      +05029+05029LPV       58036
```

CITY AND STATE	ELEVATION: **1650** **THRE: 1650**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CRANDON, WI	AIRPORT NAME: **CRANDON/STEVE CONWAY MUNI**	**RNAV**	**RNAV (GPS) RWY 12, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	WOKOG	WOKOG	010	IAF	HF	R	FO		115.3(112.3T)	005.0	AA 04400	
		WOKOG	010	FACF	IF		FB				AA 04400	
		ZOBEB	020	FAF	TF		FB	1.0	115.3(112.3T)	006.0	AA 03500	
		HUKAS	021	SDF	TF		FB	0.3	115.4(112.4T)	003.3	AA 02440 GS 02454	
		RW12	030	MAP	TF		FO	0.3	115.4(112.4T)	002.4	AT 01690	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		115.4(112.4T)		AA 02050	
	YITUB	050		DF		FO				AA 04400	
	YITUB	060		HM	R	FO		295.7(292.7T)	005.0	AA 04400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUKAS	N453227.56	W0885924.05	N4532.459	W08859.401
	WOKOG	N453559.42	W0891137.38	N4535.990	W08911.623
	YITUB	N452648.52	W0884003.05	N4526.809	W08840.051
	ZOBEB	N453342.65	W0890343.27	N4533.711	W08903.721
	RW12	N453132.57	W0885614.72	N4531.543	W08856.245

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	01650	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1650** **THRE: 1650**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CRANDON, WI	AIRPORT NAME: **CRANDON/STEVE CONWAY MUNI**	**RNAV**	**RNAV (GPS) RWY 12, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YITUB (IF/IAF)	ZIRVU (FB)	295.66 / 6.00	3500
ZIRVU (FAF)	WITKI/2.90 NM TO RW30 (FB)	295.57 / 2.85	
WITKI/2.90 NM TO RW30	RW30 (MAP) (FO)	295.57 / 2.90	
RW30 (MAP)	1936 MSL	295.57	
1936 MSL	WOKOG (FO)		4400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 4400 DIRECT WOKOG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 115.29 INBOUND.
CHART FAS OBST: 1809 TREE 453112N/0885251W
DISTANCE TO THLD FROM 308 HATH: 0.84 NM.
WAAS CHANNEL # 62936
REFERENCE PATH ID: W30A
CHART CIRCLING ICON
CHART RHINELANDER ASOS
LTP HAE: 462.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE YITUB, RT, 295.66 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 295.57 FAF: ZIRVU DIST FAF TO MAP: 5.75 THLD: 5.75
4. MIN. ALT: YITUB 4400, ZIRVU 3500, WITKI/2.90 NM TO RW30 2580*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: ZIRVU 3500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT
ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1936	1	308	1936	1	308	1936	1	308		NA				
LNAV/VNAV DA	1986	1 1/4	358	1986	1 1/4	358	1986	1 1/4	358		NA				
LNAV MDA	2120	1	492	2120	1	492	2120	1 3/8	492		NA				
CIRCLING	2300	1	650	2340	1	690	2360	2	710		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: NIGHT LANDING: RWY 30 NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1650 THRE: 1628	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CRANDON, WI	AIRPORT NAME: CRANDON/STEVE CONWAY MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE RHINELANDER ALTIMETER SETTING, WHEN NOT RECEIVED USE EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL DA 9 FT AND ALL MDA 20 FT, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE.

TAA

	FROM	TO	ALT
1.	206/30 CW 026/30 (NOPT)	YITUB (IF/IAF) (FB)	4400
	026/30 CW 206/30	YITUB (IF/IAF) (FO)	4400

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	Y55
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	453119.1720N
LTP/FTP LONGITUDE	0885528.6530W
LTP/FTP ELLIPSOIDAL HEIGHT	+04625
FPAP LATITUDE	453153.2175N
FPAP LONGITUDE	0885725.7685W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	950FBAA9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04961
FPAP ORTHOMETRIC HEIGHT	+04961

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   WITKI K50    W     N45301259W088514006                    W0035     NAR           WITKI
         SUSAEAENRT   WOKOG K50    W     N45355942W089113738                    W0032     NAR           WOKOG
         SUSAEAENRT   YITUB K50    W     N45264852W088400305                    W0036     NAR           YITUB
         SUSAEAENRT   ZIRVU K50    W     N45290694W088475523                    W0035     NAR           ZIRVU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP Y55 K5AY55     0     035YHN45312153W088554237W003001650         1800018000C    MNAR    CRANDON/STEVE CONWAY MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP Y55 K5FR30   AYITUB 010YITUBK5EA0EE AR   HF                    29570050    + 04400     18000                A JS
         SUSAP Y55 K5FR30   R      010YITUBK5EA0E  I    IF                                + 04400     18000                A JS
         SUSAP Y55 K5FR30   R      020ZIRVUK5EA1E  F 051TF                    29570060    + 03500                          A JS
         SUSAP Y55 K5FR30   R      020ZIRVUK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
         SUSAP Y55 K5FR30   R      021WITKIK5EA0E S  031TF                    29560029    V 0258002591        -300         A JS
         SUSAP Y55 K5FR30   R      030RW30 K5PG0GY M 031TF                    29560029      01668             -300         A JS
         SUSAP Y55 K5FR30   R      040         0  M     CA                    2956        + 01936                        A JS
         SUSAP Y55 K5FR30   R      050WOKOGK5EA0EY       DF                              + 04400                          A JS
         SUSAP Y55 K5FR30   R      060WOKOGK5EA0EE  R    HM                    11530050    + 04400                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP Y55 K5GRW30    0035502955 N45311917W088552865+0600    +04625016280000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP Y55 K5PR30   RW30 001 0000W30A0N4531191720W08855286530+046250300N4531532175W088572576851067516720004O0F400500950FBAA9
         SUSAP Y55 K5PR30   RW30 002E      +04961+04961LPV       62936
```

CITY AND STATE	ELEVATION: **1650** **THRE: 1628**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CRANDON, WI	AIRPORT NAME: **CRANDON/STEVE CONWAY MUNI**	**RNAV**	**RNAV (GPS) RWY 30, ORIG** 8 JANUARY 2015	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	YITUB	YITUB	010	IAF	HF	R	FO		295.7(292.7T)	005.0	AA 04400	
		YITUB	010	FACF	IF		FB				AA 04400	
		ZIRVU	020	FAF	TF		FB	0.5	295.7(292.7T)	006.0	AA 03500	
		WITKI	021	SDF	TF		FB	0.3	295.6(292.6T)	002.9	AA 02580 GS 02591	
		RW30	030	MAP	TF		FO	0.3	295.6(292.6T)	002.9	AT 01668	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		295.6(292.6T)		AA 01936	
	WOKOG	050		DF		FO				AA 04400	
	WOKOG	060		HM	R	FO		115.3(112.3T)	005.0	AA 04400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WITKI	N453012.59	W0885140.06	N4530.210	W08851.668
	WOKOG	N453559.42	W0891137.38	N4535.990	W08911.623
	YITUB	N452648.52	W0884003.05	N4526.809	W08840.051
	ZIRVU	N452906.94	W0884755.23	N4529.116	W08847.921
	RW30	N453119.17	W0885528.65	N4531.320	W08855.478

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	01628	40

CITY AND STATE	ELEVATION: 1650 THRE: 1628 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CRANDON, WI	CRANDON/STEVE CONWAY MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 8 JANUARY 2015	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
CRANDON, WI	CRANDON/STEVE CONWAY MUNI	8 JANUARY 2015	Orig

TAKEOFF MINIMUMS:

RWY 1, 19: NA – ENVIRONMENTAL

RWY 12: STANDARD.

RWY 30: 300-2 OR STANDARD WITH MINIMUM CLIMB OF 218 FT PER NM TO 2100, 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.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, TREE 21 FT FROM DER, 315 FT LEFT OF CENTERLINE, 3 FT AGL/1630 FT MSL. OL WSK 89 FT FROM DER, 222 FT LEFT OF CENTERLINE, 20 FT AGL/1649 FT MSL. VEHICLE ON ROADWAY 302 FT FROM DER, 258 FT LEFT TO RIGHT OF CENTERLINE, 15 FT AGL/1644 FT MSL. BUILDINGS 438 FT FROM DER, 386 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/1648 FT MSL. APBN 474 FT FROM DER, 492 RIGHT OF CENTERLINE, 39 FT AGL/1668 FT MSL. TREE 475 FT FROM DER, 437 FT LEFT OF CENTERLINE, 17 FT AGL/1646 FT MSL. POLE 678 FT FROM DER, 629 FT RIGHT OF CENTERLINE, 21 FT AGL/1650 FT MSL. TREES BEGINNING FROM 831 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/1685 FT MSL.

NOTE: RWY 30, TREES BEGINNING 3 FT FROM DER, 199 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/1659 FT MSL. TREES BEGINNING 105 FT FROM DER, 236 RIGHT OF CENTERLINE, UP TO 11 FT AGL/1661 FT MSL. TREES BEGINNING 1096 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/1679 FT MSL. TREES BEGINNING 1126 FT FROM DER, 181 FT LEFT TO RIGHT OF CENTERLINE, UP TO 78 FT AGL/1707 FT MSL. TREES BEGINNING 3974 FT FROM DER, 166 FT RIGHT OF CENTERLINE. UP TO 86 FT AGL/1795 FT MSL. TREES BEGINNING 5974 FT FROM DER, 1892 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1939 FT MSL.

CONTROLLING OBSTACLES:

RWY 30: 1929 FT MSL TREE 453242.36N/0885813.33W, 1939 FT MSL TREE 453240.96N/0885810.62W.

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
CRANDON, WI	CRANDON/STEVE CONWAY MUNI	8 JANUARY 2015	Orig

REMARKS:

FLIGHT INSPECTED BY:

Gregory Marino 4/2/14

DEVELOPED BY:

JILL OLSON
(AUSTIN GOTCHER) AJV-353 12/16/13

APPROVED BY:

GEORGE GONZALEZ AJV-353

COORDINATED WITH:

ALPA, AOPA, NBAA, AMGR GRB APP CON

AUG 28 2014

REQUIRED EFFECTIVE DATE:

ROUTINE

CHANGES:

ORIG.

REASONS:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RANDO (IAF)	AYECO (NOPT) (FB)	238.19 / 15.58	3000
WREST (IAF)	AYECO (NOPT) (FB)	166.21 / 10.58	3000
DLL VORTAC (IAF)	AYECO (NOPT) (FB)	122.97 / 22.53	3000
AYECO (IF/IAF)	GATNE (FB)	181.94 / 3.66	2700
GATNE	RUKIY (FB)	181.94 / 3.23	2500
RUKIY (FAF)	RW18 (MAP) (FO)	181.94 / 4.97	
RW18 (MAP)	1064 MSL	181.94	
1064 MSL	DEKEY (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT DEKEY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 001.93 INBOUND.
CHART FAS OBST: 1040 TREE 430956N/0891946W
FAS OBST: 1109 TREE 430944N/0891948W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.39 MILES TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 42522
REFERENCE PATH ID: W18A
LTP HAE: 227.4 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N AYECO, RT, 181.94 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 181.94 FAF: RUKIY DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: AYECO 3000, GATNE 2700, RUKIY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: RUKIY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.3 34:1 IS CLEAR
8. MSA FROM: RW18 3600

MAG VAR: 0E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1064	2400	200	1064	2400	200	1064	2400	200	1064	2400	200			
LNAV/VNAV DA	1360	6000	496	1360	6000	496	1360	6000	496	1360	6000	496			
LNAV MDA	1360	2400	496	1360	2400	496	1360	5500	496	1360	5500	496			
CIRCLING	1520	1	633	1520	1	633	1520	1 3/4	633	1520	2	633			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -12C (11F) OR ABOVE 54C (100F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 MILES.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2C 8 JANUARY 2015	AMDT: 2B
				DATED 11/14/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RANDO ON V9-341 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WREST ON V177 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DLL VORTAC AIRWAY RADIALS 050 CW 230.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: **DANE COUNTY RGNL-TRUAX FIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 2C** 8 JANUARY 2015	AMDT: **2B**
				DATED: **11/14/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMSN
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	430852.9520N
LTP/FTP LONGITUDE	0892027.8710W
LTP/FTP ELLIPSOIDAL HEIGHT	+02274
FPAP LATITUDE	430723.8900N
FPAP LONGITUDE	0892031.9900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	09EDF3B4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02619
FPAP ORTHOMETRIC HEIGHT	+02619

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2C 8 JANUARY 2015	AMDT: 2B
				DATED: 11/14/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DLL   K5011700VTH  N43330300W089454904    N43330300W089454904E0030010232     NARDELLS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AYECO K50    W     N43204428W089195488                      W0027     NAR          AYECO
        SUSAEAENRT   DEKEY K50    W     N42564471W089210131                      W0026     NAR          DEKEY
        SUSAEAENRT   GATNE K50    C     N43170478W089200508                      W0027     NAR          GATNE
        SUSAEAENRT   RANDO K50    C   L N43285842W089014653                      W0030     NAR          RANDO
        SUSAEAENRT   RUKIY K50    C     N43135114W089201406                      W0027     NAR          RUKIY
        SUSAEAENRT   WREST K50    C   L N43310070W089232210                      W0027     NAR          WREST

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSNK5AMSN     0     090YHN43082356W089201502E000000887         1800018000C    MNAR    DANE COUNTY RGNL-TRUAX FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSNK5FR18   AAYECO 010AYECOK5EA0EE AR   HF                    18190040    + 03000     18000                A JS
        SUSAP KMSNK5FR18   ADLL   010DLL  K5D 0V  A    IF                                          18000                A JS
        SUSAP KMSNK5FR18   ADLL   020AYECOK5EA0EE B 010TF                     12300225    + 03000                          A JS
        SUSAP KMSNK5FR18   ARANDO 010RANDOK5EA0E  A    IF                                          18000                A JS
        SUSAP KMSNK5FR18   ARANDO 020AYECOK5EA0EE B 010TF                     23820156    + 03000                          A JS
        SUSAP KMSNK5FR18   AWREST 010WRESTK5EA0E  A    IF                                          18000                A JS
        SUSAP KMSNK5FR18   AWREST 020AYECOK5EA0EE B 010TF                     16620106    + 03000                          A JS
        SUSAP KMSNK5FR18   R      010AYECOK5EA0E  I    IF                                 + 03000  18000                A JS
        SUSAP KMSNK5FR18   R      011GATNEK5EA0E S  051TF                     18190037    + 02700                          A JS
        SUSAP KMSNK5FR18   R      020RUKIYK5EA1E  F 051TF                     18190032    + 02500                RW18  K5PGA JS
        SUSAP KMSNK5FR18   R      020RUKIYK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KMSNK5FR18   R      030RW18 K5PG0GY M 031TF                     18190050      00917          -300           A JS
        SUSAP KMSNK5FR18   R      040         0  M     CA                     1819        + 01064                          A JS
        SUSAP KMSNK5FR18   R      050DEKEYK5EA0EY       DF                                + 03000                          A JS
        SUSAP KMSNK5FR18   R      060DEKEYK5EA0EE  R   HM                     00190050    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSNK5GRW18    0090061819 N43085295W089202787+0000    +022740085904005715OIIDSZ1
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: **DANE COUNTY RGNL-TRUAX FIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 2C** 8 JANUARY 2015	AMDT: **2B**
				DATED: **11/14/2013**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMSNK5PR18   RW18 001 0000W18A0N4308529520W08920278710+022740300N4307238900W089203199001067501280005 73F40035009EDF3B4
    SUSAP KMSNK5PR18   RW18 002E      +02619+02619LPV       42522

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMSNK5SRW18 K5PG              0   18018003625                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: DANE COUNTY RGNL-TRUAX FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2C 8 JANUARY 2015	AMDT: 2B DATED: 11/14/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	AYECO	AYECO	010	IAF	HF	R	FO		181.9(181.9T)	004.0	AA 03000	
	DLL	DLL	010	IAF	IF		FB					
	DLL	AYECO	020		TF		FB	1.0	123.0(123.0T)	022.5	AA 03000	
	RANDO	RANDO	010	IAF	IF		FB					
	RANDO	AYECO	020		TF		FB	1.0	238.2(238.2T)	015.6	AA 03000	
	WREST	WREST	010	IAF	IF		FB					
	WREST	AYECO	020		TF		FB	1.0	166.2(166.2T)	010.6	AA 03000	
		AYECO	010	FACF	IF		FB				AA 03000	
		GATNE	011	SDF	TF		FB	0.5	181.9(181.9T)	003.7	AA 02700	
		RUKIY	020	FAF	TF		FB	0.5	181.9(181.9T)	003.2	AA 02500	
		RW18	030	MAP	TF		FO	0.3	181.9(181.9T)	005.0	AT 00917	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		181.9(181.9T)		AA 01064	
	DEKEY	050		DF		FO				AA 03000	
	DEKEY	060		HM	R	FO		001.9(001.9T)	005.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLL	N433303.00	W0894549.04	N4333.050	W08945.817
	AYECO	N432044.28	W0891954.88	N4320.738	W08919.915
	DEKEY	N425644.71	W0892101.31	N4256.745	W08921.022
	GATNE	N431704.78	W0892005.08	N4317.080	W08920.085
	RANDO	N432858.42	W0890146.53	N4328.974	W08901.776
	RUKIY	N431351.14	W0892014.06	N4313.852	W08920.234
	WREST	N433100.70	W0892322.10	N4331.012	W08923.368
	RW18	N430852.95	W0892027.87	N4308.883	W08920.465

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00859	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 864	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MADISON, WI	AIRPORT NAME: **DANE COUNTY RGNL-TRUAX FIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 2C** 8 JANUARY 2015	AMDT: **2B**
				DATED: **11/14/2013**

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. **30987**; Amdt. No. **3616**]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This rule amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal

Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination –

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW, Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located;

3. The National Flight Procedures Office, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability – All SIAPs are available online free of charge. Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

1.FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2.The FAA Regional Office of the region in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-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 rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs 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 97:

Air Traffic Control, Airports, Incorporation by reference, and Navigation (Air).

Issued in Washington, DC on OCTOBER 24, 2014.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 – Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
13-Nov-14	AL	Bessemer	Bessemer	4/8101	09/29/14	This NOTAM, published in TL 14-24, is hereby rescinded in its entirety.
13-Nov-14	AL	Bessemer	Bessemer	4/8102	09/29/14	This NOTAM, published in TL 14-24, is hereby rescinded in its entirety.
11-Dec-14	CO	Denver	Denver Intl	4/0657	10/15/14	RNAV (RNP) Z RWY 7, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0658	10/15/14	ILS OR LOC RWY 16R, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0659	10/15/14	RNAV (RNP) Z RWY 35R, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0660	10/15/14	RNAV (RNP) Z RWY 17L, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0661	10/15/14	ILS OR LOC RWY 17R, Amdt 3
11-Dec-14	CO	Denver	Denver Intl	4/0663	10/15/14	RNAV (GPS) Y RWY 7, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0665	10/15/14	RNAV (RNP) Z RWY 34R, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0666	10/15/14	ILS OR LOC RWY 17L, Amdt 4
11-Dec-14	CO	Denver	Denver Intl	4/0668	10/15/14	RNAV (RNP) Z RWY 26, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0669	10/15/14	ILS OR LOC RWY 26, Amdt 3
11-Dec-14	CO	Denver	Denver Intl	4/0670	10/15/14	RNAV (GPS) Y RWY 26, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0672	10/15/14	RNAV (GPS) Y RWY 17L, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0674	10/15/14	RNAV (RNP) Z RWY 8, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0675	10/15/14	RNAV (RNP) Z RWY 16R, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0676	10/15/14	RNAV (RNP) Z RWY 25, Orig-A
11-Dec-14	CO	Denver	Denver Intl	4/0677	10/15/14	RNAV (GPS) Y RWY 16R, Amdt 1A
11-Dec-14	CO	Denver	Denver Intl	4/0681	10/15/14	ILS OR LOC RWY 25, Amdt 3
11-Dec-14	CO	Denver	Denver Intl	4/0689	10/15/14	ILS OR LOC RWY 7, Amdt 3

11-Dec-14	CO	Denver	Denver Intl	4/0692	10/15/14	RNAV (RNP) Z RWY 16L, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0693	10/15/14	RNAV (GPS) Y RWY 34R, Amdt 2
11-Dec-14	CO	Denver	Denver Intl	4/0700	10/15/14	RNAV (GPS) Y RWY 16L, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0701	10/15/14	RNAV (RNP) Z RWY 17R, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0706	10/15/14	RNAV (RNP) Z RWY 35L, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0708	10/15/14	RNAV (RNP) Z RWY 34L, Orig
11-Dec-14	CO	Denver	Denver Intl	4/0709	10/15/14	RNAV (GPS) Y RWY 25, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0710	10/15/14	RNAV (GPS) Y RWY 8, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0711	10/15/14	RNAV (GPS) Y RWY 17R, Amdt 1
11-Dec-14	CO	Denver	Denver Intl	4/0712	10/15/14	RNAV (GPS) Y RWY 34L, Amdt 2A
11-Dec-14	CO	Denver	Denver Intl	4/0717	10/15/14	ILS OR LOC RWY 8, Amdt 5
11-Dec-14	CO	Denver	Denver Intl	4/0720	10/15/14	RNAV (GPS) Y RWY 35L, Amdt 2
11-Dec-14	CO	Denver	Denver Intl	4/0726	10/15/14	RNAV (GPS) Y RWY 35R, Amdt 2
11-Dec-14	CO	Denver	Denver Intl	4/1303	10/15/14	ILS OR LOC RWY 35R, ILS RWY 35R (SA CAT I), ILS RWY 35R (CAT II & III), Amdt 3
11-Dec-14	NY	Newburgh	Stewart Intl	4/1478	10/14/14	ILS OR LOC RWY 9, ILS RWY 9 (SA CAT I), ILS RWY 9 (CAT II & III), Amdt 13A
11-Dec-14	ME	Portland	Portland Intl Jetport	4/1613	10/20/14	RNAV (GPS) RWY 11, Amdt 3
11-Dec-14	TX	Houston	David Wayne Hooks Memorial	4/1616	10/14/14	RNAV (GPS) RWY 35L, Amdt 1A
11-Dec-14	TX	Houston	David Wayne Hooks Memorial	4/1625	10/14/14	RNAV (GPS) RWY 17R, Amdt 1B
11-Dec-14	TX	Houston	David Wayne Hooks Memorial	4/1630	10/14/14	LOC RWY 17R, Amdt 3
11-Dec-14	ME	Oxford	Oxford County Rgnl	4/1641	10/20/14	RNAV (GPS) RWY 15, Orig
11-Dec-14	ME	Oxford	Oxford County Rgnl	4/1642	10/20/14	RNAV (GPS) RWY 33, Orig
11-Dec-14	MN	Duluth	Duluth Intl	4/1926	10/09/14	RNAV (GPS) RWY 27, Orig-A
11-Dec-14	MN	Duluth	Duluth Intl	4/1928	10/09/14	RNAV (GPS) RWY 9, Amdt 1A
11-Dec-14	MN	Duluth	Duluth Intl	4/1931	10/09/14	RNAV (GPS) RWY 3, Orig
11-Dec-14	MN	Duluth	Duluth Intl	4/1932	10/09/14	RNAV (GPS) RWY 21, Orig

11-Dec-14	TX	Waco	TSTC Waco	4/2208	10/09/14	NDB RWY 35R, Amdt 11A
11-Dec-14	MI	Grayling	Grayling AAF	4/2434	10/09/14	RNAV (GPS) RWY 14, Orig-A
11-Dec-14	MI	Grayling	Grayling AAF	4/2435	10/09/14	VOR RWY 14, Amdt 2A
11-Dec-14	MI	Grayling	Grayling AAF	4/2436	10/09/14	NDB RWY 14, Amdt 8A
11-Dec-14	OR	Portland	Portland Intl	4/2567	10/09/14	RNAV (GPS) Y RWY 10L, Amdt 2A
11-Dec-14	TX	Arlington	Arlington Muni	4/3497	10/09/14	ILS OR LOC/DME RWY 34, Amdt 2A
11-Dec-14	TX	Arlington	Arlington Muni	4/3498	10/09/14	RNAV (GPS) RWY 34, Amdt 3A
11-Dec-14	AR	Manila	Manila Muni	4/3588	10/15/14	RNAV (GPS) RWY 36, Orig
11-Dec-14	CO	Denver	Denver Intl	4/3669	10/15/14	ILS OR LOC RWY 35L, ILS RWY 35L (SA CAT I), ILS RWY 35L (CAT II & III), Amdt 5
11-Dec-14	CO	Denver	Denver Intl	4/3671	10/15/14	ILS OR LOC RWY 34R, ILS RWY 34R (SA CAT I), ILS RWY 34R (CAT II & III), Amdt 3
11-Dec-14	CO	Denver	Denver Intl	4/3673	10/15/14	ILS OR LOC RWY 34L, ILS RWY 34L (SA CAT I), ILS RWY 34L (CAT II & CAT III), Amdt 2A
11-Dec-14	IA	Algona	Algona Muni	4/4078	10/14/14	RNAV (GPS) RWY 12, Orig-A
11-Dec-14	IA	Algona	Algona Muni	4/4080	10/14/14	NDB RWY 12, Amdt 6A
11-Dec-14	IA	Clinton	Clinton Muni	4/4081	10/14/14	RNAV (GPS) RWY 21, Amdt 1
11-Dec-14	IA	Clinton	Clinton Muni	4/4082	10/14/14	RNAV (GPS) RWY 14, Amdt 1
11-Dec-14	IA	Maquoketa	Maquoketa Muni	4/4083	10/14/14	RNAV (GPS) RWY 15, Amdt 1
12/11/2014	IA	Cherokee	Cherokee County Rgnl	4/4232	10/15/14	RNAV (GPS) Z RWY 36, Orig-A
12/11/2014	IA	Cherokee	Cherokee County Rgnl	4/4234	10/15/14	RNAV (GPS) Y RWY 36, Orig
11-Dec-14	IL	Chicago/ Aurora	Aurora Muni	4/4485	10/20/14	RNAV (GPS) RWY 27, Amdt 1
11-Dec-14	AZ	Glendale	Glendale Muni	4/4548	10/14/14	RNAV (GPS) RWY 1, Orig-B
11-Dec-14	IL	Chicago/ Rockford	Chicago/Rockford Intl	4/5088	10/20/14	RNAV (GPS) RWY 25, Amdt 1
11-Dec-14	IN	Indianapolis	Hendricks County-Gordon Graham Fld	4/5097	10/20/14	RNAV (GPS) RWY 18, Amdt 1
11-Dec-14	IN	Jeffersonville	Clark Rgnl	4/5277	10/20/14	RNAV (GPS) RWY 18, Orig
11-Dec-14	IL	Canton	Ingersoll	4/5299	10/20/14	RNAV (GPS) RWY 36, Amdt 1
11-Dec-14	IL	Dixon	Dixon Muni-Charles R. Walgreen Field	4/5367	10/20/14	RNAV (GPS) RWY 8, Amdt 1

11-Dec-14	IL	Carmi	Carmi Muni	4/5368	10/20/14	RNAV (GPS) RWY 36, Orig-A
11-Dec-14	IL	Centralia	Centralia Muni	4/5385	10/20/14	RNAV (GPS) RWY 18, Amdt 1
11-Dec-14	MN	Grand Marais	Grand Marais/Cook County	4/5459	10/20/14	RNAV (GPS) RWY 9, Orig
11-Dec-14	MN	Bigfork	Bigfork Muni	4/5461	10/20/14	RNAV (GPS) RWY 15, Orig-A
11-Dec-14	MN	Bigfork	Bigfork Muni	4/5462	10/20/14	NDB RWY 15, Orig-A
11-Dec-14	MN	Glenwood	Glenwood Muni	4/5463	10/20/14	RNAV (GPS) RWY 15, Orig
11-Dec-14	MN	Hutchinson	Hutchinson Muni-Butler Field	4/5489	10/20/14	RNAV (GPS) RWY 33, Orig
11-Dec-14	MN	Hutchinson	Hutchinson Muni-Butler Field	4/5490	10/20/14	VOR/DME RWY 33, Amdt 3
11-Dec-14	MN	Little Falls	Little Falls/Morrison County-Lindbergh Fld	4/5492	10/20/14	RNAV (GPS) RWY 31, Orig
11-Dec-14	MN	Little Falls	Little Falls/Morrison County-Lindbergh Fld	4/5493	10/20/14	NDB RWY 31, Amdt 6B
11-Dec-14	MN	Dodge Center	Dodge Center	4/5494	10/20/14	RNAV (GPS) RWY 34, Amdt 1
11-Dec-14	MN	Dodge Center	Dodge Center	4/5495	10/20/14	RNAV (GPS) RWY 16, Amdt 1
11-Dec-14	MO	Cape Girardeau	Cape Girardeau Rgnl	4/5496	10/20/14	LOC/DME BC RWY 28, Amdt 8
11-Dec-14	MO	Cape Girardeau	Cape Girardeau Rgnl	4/5497	10/20/14	RNAV (GPS) RWY 28, Amdt 1
11-Dec-14	MO	Cape Girardeau	Cape Girardeau Rgnl	4/5498	10/20/14	RNAV (GPS) RWY 2, Orig
11-Dec-14	MO	Houston	Houston Memorial	4/5499	10/20/14	RNAV (GPS) RWY 16, Orig
11-Dec-14	ND	Fargo	Hector Intl	4/5549	10/16/14	ILS OR LOC RWY 36, Amdt 1
11-Dec-14	ND	Fargo	Hector Intl	4/5550	10/16/14	RNAV (GPS) RWY 36, Orig
11-Dec-14	ND	Fargo	Hector Intl	4/5551	10/16/14	VOR OR TACAN RWY 36, Orig-A
11-Dec-14	NE	Gordon	Gordon Muni	4/5552	10/16/14	NDB RWY 22, Amdt 4
11-Dec-14	NE	Kimball	Kimball Muni/Robert E Arraj Field	4/5553	10/16/14	RNAV (GPS) RWY 10, Amdt 1
11-Dec-14	OH	Barnesville	Barnesville-Bradfield	4/5574	10/16/14	RNAV (GPS) RWY 27, Orig
11-Dec-14	SD	Hot Springs	Hot Springs Muni	4/5618	10/16/14	RNAV (GPS) RWY 1, Orig
11-Dec-14	TX	College Station	Easterwood Field	4/5626	10/16/14	VOR OR TACAN RWY 10, Amdt 19B
11-Dec-14	TX	College Station	Easterwood Field	4/5627	10/16/14	RNAV (GPS) RWY 10, Amdt 1A
11-Dec-14	TX	Cleveland	Cleveland Muni	4/5639	10/16/14	RNAV (GPS) RWY 16, Orig
11-Dec-14	TX	Winters	Winters Muni	4/5647	10/16/14	RNAV (GPS) RWY 35, Orig
11-Dec-14	TX	Childress	Childress Muni	4/5653	10/16/14	RNAV (GPS) RWY 36, Amdt 1
11-Dec-14	FL	West Palm Beach	Palm Beach Intl	4/5656	10/20/14	RNAV (RNP) Z RWY 32, Orig-B
11-Dec-14	NY	Le Roy	Le Roy	4/5658	10/20/14	VOR A, Amdt 1

11-Dec-14	NY	Le Roy	Le Roy	4/5659	10/20/14	RNAV (GPS) RWY 10, Orig
11-Dec-14	TX	Cleburne	Cleburne Rgnl	4/5681	10/16/14	LOC/DME RWY 15, Orig-D
11-Dec-14	TX	Cleburne	Cleburne Rgnl	4/5682	10/16/14	RNAV (GPS) RWY 15, Amdt 1
11-Dec-14	TX	Crockett	Houston County	4/5684	10/16/14	RNAV (GPS) RWY 20, Orig-A
11-Dec-14	TX	Eastland	Eastland Muni	4/5686	10/16/14	RNAV (GPS) RWY 17, Orig-A
11-Dec-14	TX	Wink	Winkler County	4/5689	10/16/14	RNAV (GPS) RWY 13, Amdt 1
12/11/2014	TX	Hearne	Hearne Muni	4/5691	10/15/14	RNAV (GPS) RWY 18, Orig
11-Dec-14	TX	Snyder	Winston Field	4/5693	10/15/14	RNAV (GPS) RWY 35, Amdt 1
11-Dec-14	TX	Sweetwater	Avenger Field	4/5694	10/15/14	RNAV (GPS) RWY 35, Orig
11-Dec-14	TX	Sweetwater	Avenger Field	4/5695	10/15/14	RNAV (GPS) RWY 4, Orig
11-Dec-14	WI	East Troy	East Troy Muni	4/5702	10/15/14	RNAV (GPS) RWY 26, Orig
11-Dec-14	PA	Carlisle	Carlisle	4/5710	10/20/14	RNAV (GPS)-C, Orig
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6266	10/20/14	RNAV (GPS) RWY 1L, Amdt 1B
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6268	10/20/14	ILS OR LOC RWY 19R, Amdt 12
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6269	10/20/14	RNAV (GPS) RWY 19R, Amdt 2
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6270	10/20/14	ILS OR LOC RWY 7R, Amdt 16
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6271	10/20/14	RNAV (RNP) Y RWY 7R, Orig
11-Dec-14	WI	Milwaukee	General Mitchell Intl	4/6277	10/20/14	RNAV (GPS) Z RWY 7R, Amdt 1B
11-Dec-14	CA	Lompoc	Lompoc	4/6673	10/20/14	RNAV (GPS) RWY 25, Amdt 1
11-Dec-14	CO	Monte Vista	Monte Vista Muni	4/6674	10/20/14	GPS RWY 20, Orig
11-Dec-14	ID	Gooding	Gooding Muni	4/6675	10/20/14	NDB RWY 25, Amdt 1
11-Dec-14	ID	Gooding	Gooding Muni	4/6677	10/20/14	RNAV (GPS) RWY 25, Orig
11-Dec-14	MO	Cape Girardeau	Cape Girardeau Rgnl	4/6744	10/20/14	VOR RWY 2, Amdt 11
11-Dec-14	KS	Eureka	Lt. William M. Milliken	4/7273	10/14/14	VOR/DME RWY 18, Amdt 2A
11-Dec-14	FL	Fort Lauderdale	Fort Lauderdale Executive	4/7983	10/09/14	RNAV (GPS) RWY 26, Amdt 2
11-Dec-14	AK	Point Hope	Point Hope	4/8003	10/14/14	RNAV (GPS) RWY 1, Amdt 1
11-Dec-14	AK	Point Hope	Point Hope	4/8004	10/14/14	RNAV (GPS) RWY 19, Amdt 1
11-Dec-14	NY	Akron	Akron	4/8126	10/14/14	RNAV (GPS) RWY 7, Amdt 2A
11-Dec-14	NY	Akron	Akron	4/8132	10/14/14	RNAV (GPS) RWY 25, Amdt 2A

12/11/2014	MT	Circle	Circle Town County	4/8430	10/15/14	RNAV (GPS) RWY 12, Orig
12/11/2014	MT	Circle	Circle Town County	4/8432	10/15/14	RNAV (GPS) RWY 30, Orig
11-Dec-14	CA	Hayward	Hayward Executive	4/8580	10/14/14	LOC/DME RWY 28L, Amdt 3
11-Dec-14	CA	Hayward	Hayward Executive	4/8581	10/14/14	RNAV (GPS) RWY 28L, Amdt 1
11-Dec-14	CA	Bakersfield	Bakersfield Muni	4/8652	10/09/14	RNAV (GPS) RWY 34, Orig
11-Dec-14	CA	Bakersfield	Bakersfield Muni	4/8656	10/09/14	VOR/DME RWY 34, Amdt 1
11-Dec-14	CA	Long Beach	Long Beach /Daugherty Field/	4/8673	10/15/14	RNAV (RNP) RWY 12, Amdt 1
11-Dec-14	CA	Long Beach	Long Beach /Daugherty Field/	4/8674	10/15/14	RNAV (RNP) Y RWY 30, Amdt 1
11-Dec-14	CA	Long Beach	Long Beach /Daugherty Field/	4/8676	10/15/14	RNAV (GPS) Z RWY 30, Amdt 2
11-Dec-14	CO	Grand Junction	Grand Junction Regional	4/8681	10/09/14	RNAV (RNP) Z RWY 11, Orig-A
11-Dec-14	CA	San Diego/ El Cajon	Gillespie Field	4/8682	10/09/14	RNAV (GPS) RWY 17, Amdt 2A
11-Dec-14	AZ	Willcox	Cochise County	4/8684	10/09/14	RNAV (GPS) RWY 21, Amdt 1
11-Dec-14	AZ	Willcox	Cochise County	4/8685	10/09/14	RNAV (GPS) RWY 3, Amdt 1A
11-Dec-14	TX	Presidio	Presidio Lely Intl	4/8691	10/09/14	RNAV (GPS) A, Orig
11-Dec-14	MO	St Joseph	Rosecrans Memorial	4/8700	10/14/14	RNAV (GPS) RWY 31, Orig
11-Dec-14	CO	Durango	Durango-La Plata County	4/8707	10/14/14	VOR/DME RWY 3, Amdt 5
11-Dec-14	MT	Malta	Malta	4/8719	10/09/14	RNAV (GPS) RWY 8, Amdt 1
11-Dec-14	MT	Malta	Malta	4/8720	10/09/14	RNAV (GPS) RWY 26, Amdt 1
11-Dec-14	MT	Glasgow	Wokal Field/Glasgow Intl	4/8727	10/09/14	VOR RWY 30, Amdt 4
11-Dec-14	MT	Glasgow	Wokal Field/Glasgow Intl	4/8728	10/09/14	RNAV (GPS) RWY 12, Orig
11-Dec-14	MT	Glasgow	Wokal Field/Glasgow Intl	4/8729	10/09/14	NDB RWY 30, Amdt 2
11-Dec-14	MT	Glasgow	Wokal Field/Glasgow Intl	4/8730	10/09/14	RNAV (GPS) RWY 30, Orig
11-Dec-14	MT	Glasgow	Wokal Field/Glasgow Intl	4/8731	10/09/14	VOR RWY 12, Amdt 3
11-Dec-14	ID	Grangeville	Idaho County	4/8879	10/09/14	RNAV (GPS) RWY 7, Amdt 1
11-Dec-14	ID	Grangeville	Idaho County	4/8880	10/09/14	RNAV (GPS) RWY 25, Amdt 1
11-Dec-14	MT	Wolf Point	L M Clayton	4/8881	10/09/14	RNAV (GPS) RWY 11, Amdt 1
11-Dec-14	MT	Wolf Point	L M Clayton	4/8882	10/09/14	NDB RWY 29, Amdt 4

11-Dec-14	MT	Wolf Point	L M Clayton	4/8883	10/09/14	RNAV (GPS) RWY 29, Amdt 1
11-Dec-14	MT	Helena	Helena Rgnl	4/8886	10/09/14	ILS OR LOC Z RWY 27, Amdt 1A
11-Dec-14	MT	Helena	Helena Rgnl	4/8887	10/09/14	RNAV (RNP) Y RWY 27, Orig-C
11-Dec-14	MT	Helena	Helena Rgnl	4/8888	10/09/14	ILS OR LOC Y RWY 27, Amdt 3A
11-Dec-14	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	4/9214	10/14/14	VOR/DME RWY 2, Amdt 2A
11-Dec-14	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	4/9215	10/14/14	RNAV (GPS) RWY 6, Orig-B
11-Dec-14	MT	Glendive	Dawson Community	4/9442	10/09/14	NDB RWY 12, Amdt 4B
11-Dec-14	MT	Glendive	Dawson Community	4/9443	10/09/14	RNAV (GPS) RWY 30, Orig
11-Dec-14	MT	Glendive	Dawson Community	4/9444	10/09/14	RNAV (GPS) RWY 12, Orig
11-Dec-14	UT	Nephi	Nephi Muni	4/9595	10/09/14	RNAV (GPS) RWY 17, Orig
11-Dec-14	UT	Nephi	Nephi Muni	4/9596	10/09/14	RNAV (GPS) RWY 35, Orig
11-Dec-14	NV	Carson City	Carson	4/9598	10/09/14	RNAV (GPS) RWY 27, Orig
11-Dec-14	UT	Delta	Delta Muni	4/9599	10/09/14	RNAV (GPS) RWY 35, Amdt 1A
11-Dec-14	UT	Delta	Delta Muni	4/9600	10/09/14	RNAV (GPS) RWY 17, Amdt 1A
11-Dec-14	OR	Astoria	Astoria Rgnl	4/9638	10/09/14	RNAV (GPS) RWY 8, Orig
11-Dec-14	OR	Baker City	Baker City Muni	4/9676	10/09/14	RNAV (GPS) RWY 13, Amdt 1B
11-Dec-14	UT	Brigham City	Brigham City	4/9715	10/09/14	RNAV (GPS) RWY 35, Amdt 2A
11-Dec-14	WA	Arlington	Arlington Muni	4/9881	10/14/14	RNAV (GPS) RWY 34, Orig
11-Dec-14	WA	Arlington	Arlington Muni	4/9882	10/14/14	LOC RWY 34, Amdt 5
11-Dec-14	WA	Arlington	Arlington Muni	4/9883	10/14/14	NDB RWY 34, Amdt 4
11-Dec-14	WY	Cheyenne	Cheyenne Rgnl/Jerry Olson Field	4/9896	10/09/14	NDB RWY 27, Amdt 15
11-Dec-14	WA	Renton	Renton Muni	4/9898	10/14/14	RNAV (GPS) Y RWY 16, Amdt 4
11-Dec-14	WA	Renton	Renton Muni	4/9899	10/14/14	RNAV (GPS) Z RWY 16, Amdt 2
11-Dec-14	WY	Powell	Powell Muni	4/9943	10/14/14	RNAV (GPS) RWY 13, Orig
11-Dec-14	WY	Powell	Powell Muni	4/9950	10/14/14	NDB RWY 31, Amdt 2
11-Dec-14	WY	Powell	Powell Muni	4/9951	10/14/14	RNAV (GPS) RWY 31, Orig
11-Dec-14	WY	Worland	Worland Muni	4/9952	10/14/14	RNAV (GPS) RWY 34, Orig-A
11-Dec-14	WY	Worland	Worland Muni	4/9953	10/14/14	RNAV (GPS) RWY 16, Orig-A
11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9954	10/14/14	RNAV (RNP) Z RWY 27, Orig-A
11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9958	10/14/14	COPTER NDB RWY 27, Amdt 2

11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9959	10/14/14	RNAV (RNP) RWY 9, Orig-A
11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9961	10/14/14	RNAV (GPS) W RWY 27, Amdt 1
11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9964	10/14/14	RNAV (GPS) X RWY 27, Amdt 1A
11-Dec-14	WA	Yakima	Yakima Air Terminal/McAllister Field	4/9966	10/14/14	RNAV (RNP) Y RWY 27, Orig-A
11-Dec-14	UT	Provo	Provo Muni	4/9969	10/14/14	ILS OR LOC/DME RWY 13, Amdt 2
11-Dec-14	UT	Provo	Provo Muni	4/9971	10/14/14	RNAV (GPS) RWY 13, Amdt 2
11-Dec-14	WY	Worland	Worland Muni	4/9993	10/14/14	VOR RWY 16, Amdt 6A

AIRAC Date: 11 DECEMBER 2014

FDC **4/0657** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 7, ORIG... RNP 0.10 DA 5619. RNP 0.30 DA 5678. CHART TDZE 5352. DELETE THRE 5350. THIS IS RNAV (RNP) Z RWY 7, ORIG-A. 1409261950-PERM

FDC **4/0658** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 16R, AMDT 1... S-ILS 16R DA 5526. S-LOC 16R HAT 314 ALL CATS. CHART TDZE 5326. DELETE THRE 5322. THIS IS ILS OR LOC RWY 16R, AMDT 1A. 1409261950-PERM

FDC **4/0659** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 35R, ORIG... CHANGE THRE 5370 TO TDZE 5370. THIS IS RNAV (RNP) Z RWY 35R, ORIG-A. 1409261950-PERM

FDC **4/0660** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 17L, ORIG... RNP 0.10 DA 5600. RNP 0.30 DA 5716. CHART TDZE 5339. DELETE THRE 5328. THIS IS RNAV (RNP) Z RWY 17L, ORIG-A. 1409261950-PERM

FDC **4/0661** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 17R, AMDT 3... S-ILS 17R DA 5592. S-LOC 17R HAT 328 ALL CATS. CHART TDZE 5392. DELETE THRE 5378. THIS IS ILS OR LOC RWY 17R, AMDT 3A. 1409261950-PERM

FDC **4/0663** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 7, AMDT 1... LPV DA 5552. LNAV/VNAV DA 5602. LNAV HAT 328 ALL CATS. CHART TDZE 5352. DELETE THRE 5350. THIS IS RNAV (GPS) Y RWY 7, AMDT 1A. 1409261950-PERM

FDC **4/0665** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 34R, ORIG... CHANGE THRE 5354 TO TDZE 5354. THIS IS RNAV (RNP) Z RWY 34R, ORIG-A. 1409261950-PERM

FDC **4/0666** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 17L, AMDT 4... S-ILS 17L DA 5539. S-LOC 17L HAT 281 ALL CATS. CHART TDZE 5339. DELETE THRE 5328. THIS IS ILS OR LOC RWY 17L, AMDT 4A. 1409261950-PERM

FDC **4/0668** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 26, ORIG... RNP 0.10 DA 5570. RNP 0.30 DA 5668. CHART TDZE 5309. DELETE THRE 5294. THIS IS RNAV (RNP) Z RWY 26, ORIG-A. 1409261950-PERM

FDC **4/0669** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 26, AMDT 3... S-ILS 26 DA 5509. S-LOC 26 HAT 511 ALL CATS. FEETS FIX MINIMUMS: S-LOC 26 HAT 311 ALL CATS. CHART TDZE 5309. DELETE THRE 5294. THIS IS ILS OR LOC RWY 26, AMDT 3A. 1409261950-PERM

FDC **4/0670** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 26, AMDT 1... LPV DA 5509. LNAV/VNAV DA 5559. LNAV HAT 291 ALL CATS. CHART TDZE 5309. DELETE THRE 5294. THIS IS RNAV (GPS) Y RWY 26, AMDT 1A. 1409261950-PERM

FDC **4/0672** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 17L, AMDT 1... LPV DA 5539. LNAV/VNAV DA 5648. LNAV HAT 361 ALL CATS. CHART TDZE 5339. DELETE THRE 5328. THIS IS RNAV (GPS) Y RWY 17L, AMDT 1A. 1409261950-PERM

FDC **4/0674** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 8, ORIG... CHANGE THRE 5354 TO TDZE 5354. THIS IS RNAV (RNP) Z RWY 8, ORIG-A. 1409261950-PERM

FDC **4/0675** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 16R, ORIG... RNP 0.10 DA 5586. RNP 0.30 DA 5651. CHART TDZE 5326. DELETE THRE 5322. THIS IS RNAV (RNP) Z RWY 16R, ORIG-A. 1409261950-PERM

FDC **4/0676** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 25, ORIG-A... CHANGE THRE 5355 TO TDZE 5355. THIS IS RNAV (RNP) Z RWY 25, ORIG-B. 1409261950-PERM

FDC **4/0677** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 16R, AMDT 1A... LPV DA 5526. LNAV/VNAV DA 5589. LNAV HAT 314 ALL CATS. CHART TDZE 5326. DELETE THRE 5322. THIS IS RNAV (GPS) Y RWY 16R, AMDT 1B. 1409261950-PERM

FDC **4/0681** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 25, AMDT 3... CHANGE THRE 5355 TO TDZE 5355. THIS IS ILS OR LOC RWY 25, AMDT 3A. 1409261950-PERM

FDC **4/0689** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 7, AMDT 3... S-ILS 7 DA 5552. S-LOC 7 HAT 388 ALL CATS. SUNKE FIX MINIMUMS: S-LOC 7 HAT 288 ALL CATS. CHART TDZE 5352. DELETE THRE 5350. THIS IS ILS OR LOC RWY 7, AMDT 3A. 1409261950-PERM

FDC **4/0692** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 16L, ORIG... RNP 0.10 DA 5617. RNP 0.30 DA 5683. CHART TDZE 5357. DELETE THRE 5350. THIS IS RNAV (RNP) Z RWY 16L, ORIG-A. 1409261950-PERM

FDC **4/0693** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 34R, AMDT 2... CHANGE THRE 5354 TO TDZE 5354. THIS IS RNAV (GPS) Y RWY 34R, AMDT 2A. 1409261950-PERM

FDC **4/0700** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 16L, AMDT 1... LPV DA 5557. LNAV/VNAV DA 5607. LNAV HAT 303 ALL CATS. CHART TDZE 5357. DELETE THRE 5350. THIS IS RNAV (GPS) Y RWY 16L, AMDT 1A. 1409261950-PERM

FDC **4/0701** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 17R, ORIG... RNP 0.10 DA 5722. RNP 0.30 DA 5894. CHART TDZE 5392. DELETE THRE 5378. THIS IS RNAV (RNP) Z RWY 17R, ORIG-A. 1409261950-PERM

FDC **4/0706** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 35L, ORIG... CHANGE THRE 5434 TO TDZE 5434. THIS IS RNAV (RNP) Z RWY 35L, ORIG-A. 1409261950-PERM

FDC **4/0708** DEN IAP DENVER INTL, DENVER, CO. RNAV (RNP) Z RWY 34L, ORIG... CHANGE THRE 5327 TO TDZE 5327. THIS IS RNAV (RNP) Z RWY 34L, ORIG-A. 1409261950-PERM

FDC **4/0709** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 25, AMDT 1... CHANGE THRE 5355 TO TDZE 5355. THIS IS RNAV (GPS) Y RWY 25, AMDT 1A. 1409261950-PERM

FDC **4/0710** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 8, AMDT 1... CHANGE THRE 5354 TO TDZE 5354. THIS IS RNAV (GPS) Y RWY 8, AMDT 1A. 1409261950-PERM

FDC **4/0711** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 17R, AMDT 1... LPV DA 5592. LNAV/VNAV DA 5857. LNAV HAT 548 ALL CATS. CHART TDZE 5392. DELETE THRE 5378. THIS IS RNAV (GPS) Y RWY 17R, AMDT 1A. 1409261950-PERM

FDC **4/0712** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 34L, AMDT 2A... CHANGE THRE 5327 TO TDZE 5327. THIS IS RNAV (GPS) Y RWY 34L, AMDT 2B. 1409261950-PERM

FDC **4/0717** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 8, AMDT 5... CHANGE THRE 5354 TO TDZE 5354. THIS IS ILS OR LOC RWY 8, AMDT 5A. 1409261950-PERM

FDC **4/0720** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 35L, AMDT 2... CHANGE THRE 5434 TO TDZE 5434. THIS IS RNAV (GPS) Y RWY 35L, AMDT 2A. 1409261950-PERM

FDC **4/0726** DEN IAP DENVER INTL, DENVER, CO. RNAV (GPS) Y RWY 35R, AMDT 2... CHANGE THRE 5370 TO TDZE 5370. THIS IS RNAV (GPS) Y RWY 35R, AMDT 2A. 1409261950-PERM

FDC **4/1303** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 35R, AMDT 3... ILS RWY 35R (SA CAT I) AMDT 3... ILS RWY 35R (CAT II & III) AMDT 3... CHANGE THRE 5370 TO TDZE 5370. THIS IS ILS OR LOC RWY 35R, AMDT 3A, ILS RWY 35R (SA CAT I) AMDT 3A, ILS RWY 35R (CAT II & III) AMDT 3A. 1409291806-PERM

FDC **4/1478** SWF IAP STEWART INTL, NEWBURGH, NY. ILS OR LOC RWY 9...ILS RWY 9 (SA CAT I)...ILS RWY 9 (CAT II & III)..., AMDT 13A... CHANGE TDZE 481 TO TDZE 476. ILS OR LOC RWY 9: S-ILS 9 DA 676. S-LOC 9 HAT 464 ALL CATS, CAT C/D RVR 5000. ILS RWY 9 (SA CAT I): S-ILS 9 DA 626. ILS RWY 9 (CAT II & III): CAT II DA 576.. THIS IS ILS OR LOC RWY 9...ILS RWY 9 (SA CAT I)...ILS RWY 9 (CAT II & III)..., AMDT 13B. 1409301237-PERM

FDC **4/1613** PWM IAP PORTLAND INTL JETPORT, PORTLAND, ME. RNAV (GPS) RWY 11, AMDT 3... LNAV/VNAV DA 457/HAT 381, VIS RVR 4000 ALL CATS. CHART TDZE 76, DELETE THRE 76. THIS IS RNAV (GPS) RWY 11, AMDT 3A. 1409301554-PERM

FDC **4/1616** DWH IAP DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. RNAV (GPS) RWY 35L, AMDT 1A... DELETE NOTE: RWY 35L STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 35R NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 35L, 35R NA. LPV DA 451. LNAV/VNAV DA 552. LNAV HAT 408 ALL CATS. CHANGE THRE 145 TO READ TDZE 152. THIS IS RNAV (GPS) RWY 35L, AMDT 1B. 1409041323-PERM

FDC **4/1625** DWH IAP DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. RNAV (GPS) RWY 17R, AMDT 1B... DELETE NOTE: CIRCLING TO RWY 35R NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 35L, 35R NA. CHANGE THRE 152 TO READ TDZE 152. THIS IS RNAV (GPS) RWY 17R, AMDT 1C. 1409041323-PERM

FDC **4/1630** DWH IAP DAVID WAYNE HOOKS MEMORIAL, HOUSTON, TX. LOC RWY 17R, AMDT 3... DELETE NOTE: CIRCLING TO RWY 35R NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 35L, 35R NA. CHANGE THRE 152 TO READ TDZE 152. THIS IS LOC RWY 17R, AMDT 3A. 1409041325-PERM

FDC **4/1641** 81B IAP OXFORD COUNTY RGNL, OXFORD, ME. RNAV (GPS) RWY 15, ORIG... CHANGE: THRE 345 TO TDZE 345.. THIS IS RNAV (GPS) RWY 15 ORIG-A. 1409301557-PERM

FDC **4/1642** 81B IAP OXFORD COUNTY RGNL, OXFORD, ME. RNAV (GPS) RWY 33, ORIG... LP HAT 775. LNAV HAT 795. CHART TDZE 345 DELETE THRE 337. THIS IS RNAV (GPS) RWY 33 ORIG-A. 1409301557-PERM

FDC **4/1926** DLH IAP DULUTH INTL, DULUTH, MN. RNAV (GPS) RWY 27, ORIG-A... CIRCLING CATS A/B MDA 1900/HAA 472, CAT C MDA 1940/HAA 512 CATS D/E MDA 2400/HAA 972, VISIBILITY CATS D/E 3. CHART CIRCLING ICON. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D, E 1000-3. THIS IS RNAV (GPS) RWY 27, ORIG-B. 1410011225-PERM

FDC **4/1928** DLH IAP DULUTH INTL, DULUTH, MN. RNAV (GPS) RWY 9, AMDT 1A... CIRCLING CAT A MDA 1880/HAA 452, CAT B MDA 1900/HAA 472, CAT C MDA 1940/HAA 512 CATS D/E MDA 2400/HAA 972, VISIBILITY CATS D/E 3. CHART CIRCLING ICON. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D, E 1000-3. THIS IS RNAV (GPS) RWY 9, AMDT 1B. 1410011225-PERM

FDC **4/1931** DLH IAP DULUTH INTL, DULUTH, MN. RNAV (GPS) RWY 3, ORIG... CIRCLING CAT A MDA 1880/HAA 452, CAT B MDA 1900/HAA 472, CAT C MDA 1940/HAA 512 CAT D MDA 2400/HAA 972, VISIBILITY CAT D 3. CHART CIRCLING ICON. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D 1000-3. THIS IS RNAV (GPS) RWY 3, ORIG-A. 1410011225-PERM

FDC **4/1932** DLH IAP DULUTH INTL, DULUTH, MN. RNAV (GPS) RWY 21, ORIG... CIRCLING CAT A MDA 1880/HAA 452, CAT B MDA 1900/HAA 472, CAT C MDA 1940/HAA 512 CAT D MDA 2400/HAA 972, VISIBILITY CAT D 3. CHART CIRCLING ICON. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D 1000-3. THIS IS RNAV (GPS) RWY 21, ORIG-A. 1410011225-PERM

FDC **4/2208** CNW IAP TSTC WACO, WACO, TX. NDB RWY 35R, AMDT 11A... S-35R: MDA 1220/HAT 764 ALL CATS, VISIBILITY, CAT B 1 1/4, CAT C/D 2 1/2. CIRCLING: MDA 1220/HAA 750 ALL CATS, VISIBILITY, CAT B 1 1/4, CAT C/D 2 1/2. THIS IS NDB RWY 35R, AMDT 11B. 1408111324-PERM

FDC **4/2434** GOV IAP GRAYLING AAF, GRAYLING, MI. RNAV (GPS) RWY 14, ORIG-A... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 14, ORIG-B. 1407181831-PERM

FDC **4/2435** GOV IAP GRAYLING AAF, GRAYLING, MI. VOR RWY 14, AMDT 2A... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR RWY 14, AMDT 2B. 1407181831-PERM

FDC **4/2436** GOV IAP GRAYLING AAF, GRAYLING, MI. NDB RWY 14, AMDT 8A... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT FOR CAT C/D AIRCRAFT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 14, AMDT 8B. 1407181831-PERM

FDC **4/2567** PDX IAP PORTLAND INTL, PORTLAND, OR. RNAV (GPS) Y RWY 10L, AMDT 2A... LNAV MDA 640/HAT 610 ALL CATS. VISIBILITY CATS C/D 1 3/8. VDP 1.76 NM. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY ALL CATS TO RVR 4500. INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 1/4 MILE, AND LNAV CAT C AND D VISIBILITY TO 1 3/4 MILE. THIS IS RNAV (GPS) Y RWY 10L, AMDT 2B. 1410021118-PERM

FDC **4/3497** GKY IAP ARLINGTON MUNI, ARLINGTON, TX. ILS OR LOC/DME RWY 34, AMDT 2A... S-ILS 34 VIS 1/2 ALL CATS. S-LOC 34 VIS CAT A/B 1/2,CAT C 3/4. CHART MALSR RWY 34. THIS IS ILS OR LOC/DME RWY 34, AMDT 2B. 1407221401-PERM

FDC **4/3498** GKY IAP ARLINGTON MUNI, ARLINGTON, TX. RNAV (GPS) RWY 34, AMDT 3A... LPV VIS 1/2 ALL CATS. LNAV/VNAV VIS 3/4 ALL CATS. LNAV VIS CAT A/B 1/2,CAT C 3/4. CHART MALSR RWY 34. THIS IS RNAV (GPS) RWY 34, AMDT 3B. 1407221401-PERM

FDC **4/3588** MXA IAP MANILA MUNI, MANILA, AR. RNAV (GPS) RWY 36, ORIG... CHANGE THRE 242 TO TDZE 242 DELETE NOTE: RWY 36 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 18 NA AT NIGHT CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1410061744-PERM

FDC **4/3669** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 35L, AMDT 5... ... ILS RWY 35L (SA CAT I), AMDT 5... ILS RWY 35L (CAT II & III), AMDT 5... CHANGE THRE 5434 TO TDZE 5434. THIS IS ILS OR LOC RWY 35L, AMDT 5A. ILS RWY 35L (SA CAT I), AMDT 5A. ILS RWY 35L (CAT II & III), AMDT 5A. 1410061939-PERM

FDC **4/3671** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 34R, AMDT 3 ... ILS RWY 34R (SA CAT I), AMDT 3... ILS RWY 34R (CAT II & III), AMDT 3... CHANGE THRE 5354 TO TDZE 5354. THIS IS ILS OR LOC RWY 34R, AMDT 3A. ILS RWY 34R (SA CAT I), AMDT 3A. ILS RWY 34R (CAT II & III), AMDT 3A. 1410061944-PERM

FDC **4/3673** DEN IAP DENVER INTL, DENVER, CO. ILS OR LOC RWY 34L, AMDT 2A... ... ILS RWY 34L (SA CAT I), AMDT 2A... ILS RWY 34L (CAT II & III), AMDT 2A... CHANGE THRE 5327 TO TDZE 5327. THIS IS ILS OR LOC RWY 34L, AMDT 2B. ILS RWY 34L (SA CAT I), AMDT 2B. ILS RWY 34L (CAT II & III), AMDT 2B. 1410061944-PERM

FDC **4/4078** AXA IAP ALGONA MUNI, ALGONA, IA. RNAV (GPS) RWY 12, ORIG-A... CHANGE THRE 1215 TO TDZE 1215. THIS IS RNAV (GPS) RWY 12, ORIG-B. 1410071534-PERM

FDC **4/4080** AXA IAP ALGONA MUNI, ALGONA, IA. NDB RWY 12, AMDT 6A... CHANGE THRE 1215 TO TDZE 1215. THIS IS NDB RWY 12, AMDT 6B. 1410071534-PERM

FDC **4/4081** CWI IAP CLINTON MUNI, CLINTON, IA. RNAV (GPS) RWY 21, AMDT 1... CHANGE THRE 708 TO TDZE 708. THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1410071540-PERM

FDC **4/4082** CWI IAP CLINTON MUNI, CLINTON, IA. RNAV (GPS) RWY 14, AMDT 1... CHANGE THRE 701 TO TDZE 701. THIS IS RNAV (GPS) RWY 14, AMDT 1A. 1410071540-PERM

FDC **4/4083** OQW IAP MAQUOKETA MUNI, MAQUOKETA, IA. RNAV (GPS) RWY 15, AMDT 1... CHANGE THRE 769 TO TDZE 769. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: RWY 15 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: NIGHT LANDING: RWY 15 NA. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1410071541-PERM

FDC **4/4232** CKP IAP CHEROKEE COUNTY RGNL, CHEROKEE, IA. RNAV (GPS) Z RWY 36, ORIG-A... LPV DA 1549. LNAV/VNAV DA 1852. CHANGE THRE 1227 TO TDZE 1226. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHANGE ELEV 1227 TO ELEV 1226. THIS IS RNAV (GPS) Z RWY 36, ORIG-B. 1410071929-PERM

FDC **4/4234** CKP IAP CHEROKEE COUNTY RGNL, CHEROKEE, IA. RNAV (GPS) Y RWY 36, ORIG... CHANGE THRE 1227 TO TDZE 1226. CHANGE TDZE 1227 TO TDZE 1226. LNAV HAT 454 CATS A/B. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) Y RWY 36, ORIG-A. 1410071929-PERM

FDC **4/4485** ARR IAP AURORA MUNI, CHICAGO/AURORA, IL. RNAV (GPS) RWY 27, AMDT 1... CHANGE THRE 707 TO TDZE 707. THIS IS RNAV (GPS) RWY 27, AMDT 1A. 1410081303-PERM

FDC **4/4548** GEU IAP GLENDALE MUNI, GLENDALE, AZ. RNAV (GPS) RWY 1, ORIG-B... CHART NOTE: NIGHT LANDING: RWY 01, CAT C AND D OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.. CIRCLING MDA CAT A 1520/HAA 449.. THIS IS RNAV (GPS) RWY 1 ORIG-C. 1410081431-PERM

FDC **4/5088** RFD IAP CHICAGO/ROCKFORD INTL, CHICAGO/ROCKFORD, IL. RNAV (GPS) RWY 25, AMDT 1... CHANGE THRE 736 TO TDZE 736. THIS IS RNAV (GPS) RWY 25, AMDT 1A. 1410091540-PERM

FDC **4/5097** 2R2 IAP HENDRICKS COUNTY-GORDON GRAHAM FLD, INDIANAPOLIS, IN. RNAV (GPS) RWY 18, AMDT 1... CHANGE THRE 898 TO TDZE 898. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1410091555-PERM

FDC **4/5277** JVY IAP CLARK RGNL, JEFFERSONVILLE, IN. RNAV (GPS) RWY 18, ORIG... CHANGE THRE 474 TO TDZE 474. DELETE NOTE: CIRCLING TO RWY 14/32 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 14, 32 NA. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1410091812-PERM

FDC **4/5299** CTK IAP INGERSOLL, CANTON, IL. RNAV (GPS) RWY 36, AMDT 1... LPV DA 930 LNAV/VNAV DA 998 LNAV CATS A/B/C HAT 440 CHART TDZE 680 DELETE THRE 670. THIS IS RNAV (GPS) RWY 36, AMDT 1A. 1410091845-PERM

FDC **4/5367** C73 IAP DIXON MUNI-CHARLES R. WALGREEN FIELD , DIXON, IL. RNAV (GPS) RWY 8, AMDT 1... CHANGE: THRE 782 TO TDZE 782. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 8, AMDT 1A. 1410092130-PERM

FDC **4/5368** CUL IAP CARMI MUNI, CARMI, IL. RNAV (GPS) RWY 36, ORIG-A... LP CATS A/B/C HAT 494 LNAV CATS A/B/C HAT 494 CHART TDZE 386 DELETE THRE 383. THIS IS RNAV (GPS) RWY 36, ORIG-B. 1410092135-PERM

FDC **4/5385** ENL IAP CENTRALIA MUNI, CENTRALIA, IL. RNAV (GPS) RWY 18, AMDT 1... LP ALL CATS HAT 355 LNAV ALL CATS HAT 375 CHART TDZE 525 DELETE THRE 519. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1410092139-PERM

FDC **4/5459** CKC IAP GRAND MARAIS/COOK COUNTY, GRAND MARAIS, MN. RNAV (GPS) RWY 9, ORIG... CHANGE THRE 1799 TO TDZE 1799. THIS IS RNAV (GPS) RWY 9, ORIG-A. 1410092332-PERM

FDC **4/5461** FOZ IAP BIGFORK MUNI, BIGFORK, MN. RNAV (GPS) RWY 15, ORIG-A... CHANGE THRE 1351 TO TDZE 1351. THIS IS RNAV (GPS) RWY 15, ORIG-B. 1410092340-PERM

FDC **4/5462** FOZ IAP BIGFORK MUNI, BIGFORK, MN. NDB RWY 15, ORIG-A... CHANGE TDZE 1346 TO TDZE 1351 S-15 HAT 489 ALL CATS. THIS IS NDB RWY 15, ORIG-B. 1410092341-PERM

FDC **4/5463** GHW IAP GLENWOOD MUNI, GLENWOOD, MN. RNAV (GPS) RWY 15, ORIG... CHANGE THRE 1391 TO TDZE 1391. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1410092348-PERM

FDC **4/5489** HCD IAP HUTCHINSON MUNI-BUTLER FIELD, HUTCHINSON, MN. RNAV (GPS) RWY 33, ORIG... CHANGE THRE 1062 TO TDZE 1062. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1410100009-PERM

FDC **4/5490** HCD IAP HUTCHINSON MUNI-BUTLER FIELD, HUTCHINSON, MN. VOR/DME RWY 33, AMDT 3... CHANGE THRE 1062 TO TDZE 1062. THIS IS VOR/DME RWY 33, AMDT 3A. 1410100009-PERM

FDC **4/5492** LXL IAP LITTLE FALLS/MORRISON COUNTY-LINDBERGH FLD, LITTLE FALLS, MN. RNAV (GPS) RWY 31, ORIG... CHANGE THRE 1123 TO TDZE 1123. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1410100020-PERM

FDC **4/5493** LXL IAP LITTLE FALLS/MORRISON COUNTY-LINDBERGH FLD, LITTLE FALLS, MN. NDB RWY 31, AMDT 6B... S-31 HAT 717 ALL CATS. CHANGE TDZE 1122 TO TDZE 1123. THIS IS NDB RWY 31, AMDT 6C. 1410100020-PERM

FDC **4/5494** TOB IAP DODGE CENTER, DODGE CENTER, MN. RNAV (GPS) RWY 34, AMDT 1... CHANGE THRE 1304 TO TDZE 1304. THIS IS RNAV (GPS) RWY 34, AMDT 1A. 1410100025-PERM

FDC **4/5495** TOB IAP DODGE CENTER, DODGE CENTER, MN. RNAV (GPS) RWY 16, AMDT 1... CHANGE THRE 1299 TO TDZE 1299. THIS IS RNAV (GPS) RWY 16, AMDT 1A. 1410100025-PERM

FDC **4/5496** CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. LOC/DME BC RWY 28, AMDT 8... CHANGE THRE 341 TO TDZE 341. THIS IS LOC/DME BC RWY 28, AMDT 8A. 1410100039-PERM

FDC **4/5497** CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. RNAV (GPS) RWY 28, AMDT 1... CHANGE THRE 341 TO TDZE 341. THIS IS RNAV (GPS) RWY 28, AMDT 1A. 1410100040-PERM

FDC **4/5498** CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. RNAV (GPS) RWY 2, ORIG... CHANGE THRE 342 TO TDZE 342. THIS IS RNAV (GPS) RWY 2, ORIG-A. 1410100040-PERM

FDC **4/5499** M48 IAP HOUSTON MEMORIAL, HOUSTON, MO. RNAV (GPS) RWY 16, ORIG... CHANGE THLD 1195 TO TDZE 1195. THIS IS RNAV (GPS) RWY 16, ORIG-A. 1410100059-PERM

FDC **4/5549** FAR IAP HECTOR INTL, FARGO, ND. ILS OR LOC RWY 36, AMDT 1... CIRCLING HAA CAT A/B/C 479, CAT D 599, CAT E 659. CHANGE THRE 899 TO TDZE TO 899. CHANGE APT ELEV FROM 902 TO 901. THIS IS ILS OR LOC RWY 36, AMDT 1A. 1410101205-PERM

FDC **4/5550** FAR IAP HECTOR INTL, FARGO, ND. RNAV (GPS) RWY 36, ORIG... CIRCLING HAA CAT A/B/C 519, CAT D 599, CAT E 659. CHANGE APT ELEV FROM 902 TO 901. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1410101205-PERM

FDC **4/5551** FAR IAP HECTOR INTL, FARGO, ND. VOR OR TACAN RWY 36, ORIG-A... CIRCLING: HAA 699 ALL CATS. STABS FIX MINIMUMS: CIRCLING: HAA CAT A/B/C 479, CAT D 599, CAT E 659. CHANGE APT ELEV FROM 902 TO 901. THIS IS VOR OR TACAN RWY 36, ORIG-B. 1410101205-PERM

FDC **4/5552** GRN IAP GORDON MUNI, GORDON, NE. NDB RWY 22, AMDT 4... DELETE THRE 3562, CHART TDZE 3562. THIS IS NDB RWY 22, AMDT 4A. 1410101212-PERM

FDC **4/5553** IBM IAP KIMBALL MUNI/ROBERT E ARRAJ FIELD , KIMBALL, NE. RNAV (GPS) RWY 10, AMDT 1... CHANGE: THRE 4926 TO TDZE 4926. THIS IS RNAV (GPS) RWY 10, AMDT 1A. 1410101233-PERM

FDC **4/5574** 6G5 IAP BARNESVILLE-BRADFIELD, BARNESVILLE, OH. RNAV (GPS) RWY 27, ORIG... CHANGE THRE 1312 TO TDZE 1312. THIS IS RNAV (GPS) RWY 27, ORIG-A. 1410101240-PERM

FDC **4/5618** HSR IAP HOT SPRINGS MUNI, HOT SPRINGS, SD. RNAV (GPS) RWY 1, ORIG... CHANGE THRE 3150 TO TDZE 3150. THIS IS RNAV (GPS) RWY 1, ORIG-A. 1410101332-PERM

FDC **4/5626** CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. VOR OR TACAN RWY 10, AMDT 19B... CHANGE APT ELEV FROM 320 TO 321. CIRCLING HAA CAT A 539, CAT B,C 559, CAT D 679, CAT E 859. THIS IS VOR OR TACAN RWY 10, AMDT 19C. 1410101346-PERM

FDC **4/5627** CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. RNAV (GPS) RWY 10, AMDT 1A... CHANGE THRE 319 TO TDZE 319. CHART APT ELEV 321. CIRCLING HAA CAT A 539, CAT B,C 559, CAT D 679, CAT E 859. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: NIGHT LANDING RWY 28 NA. THIS IS RNAV (GPS) RWY 10, AMDT 1B. 1410101346-PERM

FDC **4/5639** 6R3 IAP CLEVELAND MUNI, CLEVELAND, TX. RNAV (GPS) RWY 16, ORIG... CHANGE THRE 150 TO TDZE 150. DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: NIGHT LANDING: RWY 16 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) RWY 16, ORIG-A. 1410101353-PERM

FDC **4/5647** 77F IAP WINTERS MUNI, WINTERS, TX. RNAV (GPS) RWY 35, ORIG... CHANGE THRE 1871 TO TDZE 1871 DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: NIGHT LANDING: RWY 35 NA. THIS IS RNAV (GPS) RWY 35, ORIG-A. 1410101405-PERM

FDC **4/5653** CDS IAP CHILDRESS MUNI, CHILDRESS, TX. RNAV (GPS) RWY 36, AMDT 1... CHANGE THRE 1954 TO TDZE 1954. THIS IS RNAV (GPS) RWY 36, AMDT 1A. 1410101410-PERM

FDC **4/5656** PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. RNAV (RNP) Z RWY 32, ORIG-B... RNP 0.12 DA 345/HAT 329. RNP 0.30 DA 438/HAT 422.. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. THIS IS RNAV (RNP) Z RWY 32 ORIG-C. 1410101505-PERM

FDC **4/5658** 5G0 IAP LE ROY, LE ROY, NY. VOR-A, AMDT 1... DELETE NOTE: WHEN VGSI INOP, CIRCLING NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. THIS IS VOR-A, AMDT 1A. 1410101510-PERM

FDC **4/5659** 5G0 IAP LE ROY, LE ROY, NY. RNAV (GPS) RWY 10, ORIG... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 28 NA AT NIGHT.. DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 10 PROCEDURE NA AT NIGHT.. CHART NOTE: PROCEDURE NA AT NIGHT.. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.. CHANGE: THRE 780 TO TDZE 780.. THIS IS RNAV (GPS) RWY 10 ORIG-A. 1410101510-PERM

FDC **4/5681** CPT IAP CLEBURNE RGNL, CLEBURNE, TX. LOC/DME RWY 15, ORIG-D... CHANGE THRE 854 TO TDZE 854. THIS IS LOC/DME RWY 15, ORIG-E. 1410101539-PERM

FDC **4/5682** CPT IAP CLEBURNE RGNL, CLEBURNE, TX. RNAV (GPS) RWY 15, AMDT 1... CHANGE THRE 854 TO TDZE 854. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1410101539-PERM

FDC **4/5684** DKR IAP HOUSTON COUNTY, CROCKETT, TX. RNAV (GPS) RWY 20, ORIG-A... CHANGE THRE 348 TO TDZE 348. THIS IS RNAV (GPS) RWY 20, ORIG-B. 1410101543-PERM

FDC **4/5686** ETN IAP EASTLAND MUNI, EASTLAND, TX. RNAV (GPS) RWY 17, ORIG-A... LP HAT 572 ALL CATS. LNAV HAT 572 ALL CATS. CHART TDZE 1468, DELETE THRE 1464. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NA. THIS IS RNAV (GPS) RWY 17, ORIG-B. 1410101549-PERM

FDC **4/5689** INK IAP WINKLER COUNTY, WINK, TX. RNAV (GPS) RWY 13, AMDT 1... CHANGE THRE 2822 TO TDZE 2822. THIS IS RNAV (GPS) RWY 13, AMDT 1A. 1410101553-PERM

FDC **4/5691** LHB IAP HEARNE MUNI, HEARNE, TX. RNAV (GPS) RWY 18, ORIG... CHANGE THRE 285 TO TDZE 285. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1410101557-PERM

FDC **4/5693** SNK IAP WINSTON FIELD, SNYDER, TX. RNAV (GPS) RWY 35, AMDT 1... CHANGE THRE 2426 TO TDZE 2426. DELETE NOTE: CIRCLING NA TO RWYS 8 AND 26. WHEN VGS INOP, CIRCLING RWY 17 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 8, 26, 17 NA. THIS IS RNAV (GPS) RWY 35, AMDT 1A. 1410101607-PERM

FDC **4/5694** SWW IAP AVENGER FIELD, SWEETWATER, TX. RNAV (GPS) RWY 35, ORIG... LPV DA 2605. LNAV/VNAV DA 2713. LNAV HAT 465 ALL CATS. CHANGE THRE 2369 TO TDZE 2355. THIS IS RNAV (GPS) RWY 35, ORIG-A. 1410101611-PERM

FDC **4/5695** SWW IAP AVENGER FIELD, SWEETWATER, TX. RNAV (GPS) RWY 4, ORIG... CHANGE THRE 2380 TO TDZE 2380. THIS IS RNAV (GPS) RWY 4, ORIG-A. 1410101611-PERM

FDC **4/5702** 57C IAP EAST TROY MUNI, EAST TROY, WI. RNAV (GPS) RWY 26, ORIG... CHANGE THRE 860 TO TDZE 860. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DELETE NOTE: STRAIGHT-IN/CIRCLING RWY 26 PROCEDURE NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 26 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 26, ORIG-A. 1410101617-PERM

FDC **4/5710** N94 IAP CARLISLE, CARLISLE, PA. RNAV (GPS)-C, ORIG... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ADD NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS)-C ORIG-A. 1410101740-PERM

FDC **4/6266** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 1L, AMDT 1B... CHANGE: APT ELEV 723 TO APT ELEV 729. CHANGE: THRE 704 TO TDZE 704. CIRCLING HAA CAT A, B, C 511, CAT D 551. THIS IS RNAV (GPS) RWY 1L, AMDT 1C. 1410141455-PERM

FDC **4/6268** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. ILS OR LOC RWY 19R, AMDT 12... S-ILS 19R** DA 872. S-LOC 19R HAT 488 ALL CATS. SIDESTEP 19L HAT 486 ALL CATS. CHART RWY 19R TDZE 672 DELETE THRE 671. CHART RWY 19L TDZE 674 DELETE THRE 670. THIS IS ILS OR LOC RWY 19R, AMDT 12A. 1410141455-PERM

FDC **4/6269** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) RWY 19R, AMDT 2... LPV DA 872. LNAV/VNAV DA 1031. LNAV MDA HAT 428 ALL CATS. CHART TDZE 672 DELETE THRE 671. THIS IS RNAV (GPS) RWY 19R, AMDT 2A. 1410141455-PERM

FDC **4/6270** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. ILS OR LOC RWY 7R, AMDT 16... CHANGE: THRE 729 TO TDZE 729. THIS IS ILS OR LOC RWY 7R, AMDT 16A. 1410141455-PERM

FDC **4/6271** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (RNP) Y RWY 7R, ORIG... CHANGE: THRE 729 TO TDZE 729. THIS IS RNAV (RNP) Y RWY 7R ORIG-A. 1410141455-PERM

FDC **4/6277** MKE IAP GENERAL MITCHELL INTL, MILWAUKEE, WI. RNAV (GPS) Z RWY 7R, AMDT 1B... CHANGE: THRE 729 TO TDZE 729. THIS IS RNAV (GPS) Z RWY 7R, AMDT 1C. 1410141455-PERM

FDC **4/6673** LPC IAP LOMPOC, LOMPOC, CA. RNAV (GPS) RWY 25, AMDT 1... LNAV CAT A/B MDA 1000 / HAT 912 VISIBILITY 1 1/4. CIRCLING CAT A/B MDA 1000 / HAA 912 VISIBILITY 1 1/4.. DELETE VDP. DELETE NOTE: VDP NA WHEN USING SANTA MARIA PUBLIC/CAPTAIN G. ALLAN HANCOCK FIELD ALTIMETER SETTING.. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.. THIS IS RNAV (GPS) RWY 25, AMDT 1A. 1410141843-PERM

FDC **4/6674** MVI IAP MONTE VISTA MUNI, MONTE VISTA, CO. GPS RWY 20, ORIG... CIRCLING CAT A MDA 8020 / HAA 409, CAT B MDA 8080 / HAA 469, CAT C MDA 8080 / HAA 469, CAT D MDA 8180 / HAA 569.. CHART NOTE: CIRCLING TO RWY 10-28 AND RWY 16-34 NA.. CHANGE APT ELEV TO 7611.. THIS IS GPS RWY 20 ORIG-A. 1410141845-PERM

FDC **4/6675** GNG IAP GOODING MUNI, GOODING, ID. NDB RWY 25, AMDT 1... DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: NIGHT LANDING RWY 25 NA FOR CAT C AND D AIRCRAFT. THIS IS NDB RWY 25, AMDT 1A. 1410141850-PERM

FDC **4/6677** GNG IAP GOODING MUNI, GOODING, ID. RNAV (GPS) RWY 25, ORIG... CHART NOTE: NIGHT LANDING RWY 25 NA FOR CAT C AND D AIRCRAFT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 25 ORIG-A. 1410141850-PERM

FDC **4/6744** CGI IAP CAPE GIRARDEAU RGNL, CAPE GIRARDEAU, MO. VOR RWY 2, AMDT 11... CHANGE THRE 342 TO TDZE 342. THIS IS VOR RWY 2, AMDT 11A. 1410142104-PERM

FDC **4/7273** 13K IAP LT. WILLIAM M. MILLIKEN, EUREKA, KS. VOR/DME RWY 18, AMDT 2A... S-18 MDA 1820/HAT 613 CATS A/B/C, VISIBILITY CAT C 1 3/4. CIRCLING MDA 1820/HAA 612 CATS A/B/C, VISIBILITY CAT C 1 3/4. WICHITA ALTIMETER SETTING MINIMUMS: S-18 MDA 1980/HAT 773 CATS A/B/C, VISIBILITY CAT C 2 1/2. CIRCLING MDA 1980/HAA 772 CATS A/B/C, VISIBILITY CAT C 2 1/2. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE TDZE FROM 1206 TO 1207. CHANGE APT ELEV FROM 1206 TO 1208. THIS IS VOR/DME RWY 18, AMDT 2B. 1408221844-PERM

FDC **4/7983** FXE IAP FORT LAUDERDALE EXECUTIVE, FORT LAUDERDALE, FL. RNAV (GPS) RWY 26, AMDT 2... CHANGE FORSE (IF/IAF) TO KOKEY TERMINAL ROUTE ALTITUDE TO 1500. CHANGE CHART NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE/HOLLYWOOD INTL ALTIMETER SETTING AND INCREASE LPV DA TO 414; LNAV/VNAV DA TO 468; ALL MDA 20 FEET AND INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY TO 1 3/8. THIS IS RNAV (GPS) RWY 26, AMDT 2A. 1409221526-PERM

FDC **4/8003** PHO IAP POINT HOPE, POINT HOPE, AK. RNAV (GPS) RWY 1, AMDT 1... CHANGE THRE 19 TO TDZE 19. THIS IS RNAV (GPS) RWY 1, AMDT 1A. 1409221600-PERM

FDC **4/8004** PHO IAP POINT HOPE, POINT HOPE, AK. RNAV (GPS) RWY 19, AMDT 1... LPV DA 269 LNAV/VNAV DA 269 LNAV HAT 341 ALL CATS CHART TDZE 19 DELETE THRE 18. THIS IS RNAV (GPS) RWY 19, AMDT 1A. 1409221600-PERM

FDC **4/8126** 9G3 IAP AKRON, AKRON, NY. RNAV (GPS) RWY 7, AMDT 2A... LP HAT 341 ALL CATS. LNAV HAT 461 ALL CATS. CHART TDZE 839 DELETE THRE 830. THIS IS RNAV (GPS) RWY 7, AMDT 2B. 1409221905-PERM

FDC **4/8132** 9G3 IAP AKRON, AKRON, NY. RNAV (GPS) RWY 25, AMDT 2A... CHANGE THRE 840 TO TDZE 840. THIS IS RNAV (GPS) RWY 25, AMDT 2B. 1409221909-PERM

FDC **4/8430** 4U6 IAP CIRCLE TOWN COUNTY, CIRCLE, MT. RNAV (GPS) RWY 12, ORIG... LPV DA 2970. LNAV/VNAV DA 3164. LNAV HAT 751 ALL CATS. CHART TDZE 2429 DELETE THRE 2425. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 12, ORIG-A. 1409231405-PERM

FDC **4/8432** 4U6 IAP CIRCLE TOWN COUNTY, CIRCLE, MT. RNAV (GPS) RWY 30, ORIG... CHANGE THRE 2441 TO TDZE 2441. THIS IS RNAV (GPS) RWY 30, ORIG-A. 1409231405-PERM

FDC **4/8580** HWD IAP HAYWARD EXECUTIVE, HAYWARD, CA. LOC/DME RWY 28L, AMDT 3... CHANGE THRE 50 TO TDZE 50. THIS IS LOC/DME RWY 28L, AMDT 3A. 1409231704-PERM

FDC **4/8581** HWD IAP HAYWARD EXECUTIVE, HAYWARD, CA. RNAV (GPS) RWY 28L, AMDT 1... CHANGE THRE 50 TO TDZE 50. THIS IS RNAV (GPS) RWY 28L, AMDT 1A. 1409231704-PERM

FDC **4/8652** L45 IAP BAKERSFIELD MUNI, BAKERSFIELD, CA. RNAV (GPS) RWY 34, ORIG... LNAV HAT 463 ALL CATS. CHANGE THRE 372 TO TDZE 377. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1409231848-PERM

FDC **4/8656** L45 IAP BAKERSFIELD MUNI, BAKERSFIELD, CA. VOR/DME RWY 34, AMDT 1... S-34 HAT 523 ALL CATS. CHANGE THRE 372 TO TDZE 377. THIS IS VOR/DME RWY 34, AMDT 1A. 1409231848-PERM

FDC **4/8673** LGB IAP LONG BEACH /DAUGHERTY FIELD/, LONG BEACH, CA. RNAV (RNP) RWY 12, AMDT 1... CHANGE THRE 53 TO TDZE 53. THIS IS RNAV (RNP) RWY 12, AMDT 1A. 1409231925-PERM

FDC **4/8674** LGB IAP LONG BEACH /DAUGHERTY FIELD/, LONG BEACH, CA. RNAV (RNP) Y RWY 30, AMDT 1... RNP 0.30 DA 435. CHART TDZE 38 DELETE THRE 31. THIS IS RNAV (RNP) Y RWY 30, AMDT 1A. 1409231925-PERM

FDC **4/8676** LGB IAP LONG BEACH /DAUGHERTY FIELD/, LONG BEACH, CA. RNAV (GPS) Z RWY 30, AMDT 2... LPV DA 297. LNAV/VNAV DA 664. LNAV HAT 782 ALL CATS. CHART TDZE 38 DELETE THRE 31. THIS IS RNAV (GPS) Z RWY 30, AMDT 2A. 1409231925-PERM

FDC **4/8681** GJT IAP GRAND JUNCTION REGIONAL, GRAND JUNCTION, CO. RNAV (RNP) Z RWY 11, ORIG-A... CHART TDZE 4833, DELETE THRE 4820 RNP 0.10 DA 5254 RNP 0.30 DA 5366. THIS IS RNAV (RNP) Z RWY 11, ORIG-B. 1409231955-PERM

FDC **4/8682** SEE IAP GILLESPIE FIELD, SAN DIEGO/EL CAJON, CA. RNAV (GPS) RWY 17, AMDT 2A... CHART TDZE 379, DELETE THRE 368 LP HAT 981 ALL CATS LNAV HAT 1001 ALL CATS. THIS IS RNAV (GPS) RWY 17, AMDT 2B. 1409231954-PERM

FDC **4/8684** P33 IAP COCHISE COUNTY, WILLCOX, AZ. RNAV (GPS) RWY 21, AMDT 1... LPV DA 4437 LNAV/VNAV DA 4437 LNAV HAT 313 ALL CATS CHART TDZE 4187 DELETE THRE 4186. THIS IS RNAV (GPS) RWY 21, AMDT 1A. 1409231959-PERM

FDC **4/8685** P33 IAP COCHISE COUNTY, WILLCOX, AZ. RNAV (GPS) RWY 3, AMDT 1A... LNAV HAT 374 ALL CATS DOUGLAS BISBEE ALTIMETER SETTING MINIMUMS LNAV HAT 494 ALL CATS CHART TDZE 4186 DELETE THRE 4182. THIS IS RNAV (GPS) RWY 3, AMDT 1B. 1409231959-PERM

FDC **4/8691** PRS IAP PRESIDIO LELY INTL, PRESIDIO, TX. RNAV (GPS) A, ORIG... DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) A, ORIG-A. 1408271342-PERM

FDC **4/8700** STJ IAP ROSECRANS MEMORIAL, ST JOSEPH, MO. RNAV (GPS) RWY 31, ORIG... LPV VISIBILITY 1 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 97 FEET AND INCREASE LPV 1/8 MILE AND LNAV/VNAV VISIBILITY 3/8 MILE ALL CATS; INCREASE ALL MDA 100 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C 1/2 MILE, CAT D 1/4 MILE. CHART TDZE 812 DELETE THRE 812. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1408271344-PERM

FDC **4/8707** DRO IAP DURANGO-LA PLATA COUNTY, DURANGO, CO. VOR/DME RWY 3, AMDT 5... S-3 HAT 442 ALL CATS. CHART TDZE 6638 DELETE THRE 6616. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS VOR/DME RWY 3, AMDT 5A. 1409232008-PERM

FDC **4/8719** M75 IAP MALTA, MALTA, MT. RNAV (GPS) RWY 8, AMDT 1... CHANGE THRE 2254 TO TDZE 2254. THIS IS RNAV (GPS) RWY 8, AMDT 1A. 1409232124-PERM

FDC **4/8720** M75 IAP MALTA, MALTA, MT. RNAV (GPS) RWY 26, AMDT 1... LP HAT 546 ALL CATS LNAV HAT 706 ALL CATS CHART TDZE 2254 DELETE THRE 2253. THIS IS RNAV (GPS) RWY 26, AMDT 1A. 1409232124-PERM

FDC **4/8727** GGW IAP WOKAL FIELD/GLASGOW INTL, GLASGOW, MT. VOR RWY 30, AMDT 4... S-30 HAT 586 ALL CATS ZEVIL FIX MINIMUMS (DME REQUIRED) S-30 HAT 446 ALL CATS CHART TDZE 2294 DELETE THRE 2287. THIS IS VOR RWY 30, AMDT 4A. 1409232130-PERM

FDC **4/8728** GGW IAP WOKAL FIELD/GLASGOW INTL, GLASGOW, MT. RNAV (GPS) RWY 12, ORIG... LPV DA 2544 LNAV/VNAV DA 2587 LNAV HAT 306 ALL CATS CHART TDZE 2294 DELETE THRE 2291. THIS IS RNAV (GPS) RWY 12, ORIG-A. 1409232130-PERM

FDC **4/8729** GGW IAP WOKAL FIELD/GLASGOW INTL, GLASGOW, MT. NDB RWY 30, AMDT 2... S-30 HAT 606 ALL CATS CHART TDZE 2294 DELETE THRE 2287. THIS IS NDB RWY 30, AMDT 2A. 1409232130-PERM

FDC **4/8730** GGW IAP WOKAL FIELD/GLASGOW INTL, GLASGOW, MT. RNAV (GPS) RWY 30, ORIG... LPV DA 2494 LNAV/VNAV DA 2587 LNAV HAT 406 ALL CATS CHART TDZE 2294 DELETE THRE 2287. THIS IS RNAV (GPS) RWY 30, ORIG-A. 1409232130-PERM

FDC **4/8731** GGW IAP WOKAL FIELD/GLASGOW INTL, GLASGOW, MT. VOR RWY 12, AMDT 3... S-12 HAT 846 ALL CATS CIRCLING HAA 844 ALL CATS VOR/DME MINIMUMS S-12 HAT 406 ALL CATS VOR/DME MINIMUMS CIRCLING HAA CAT A/B/C 484, CAT D 564 CHANGE TDZE 2291 TO 2294 CHANGE AIRPORT ELEV 2294 TO 2296. THIS IS VOR RWY 12, AMDT 3A. 1409232130-PERM

FDC **4/8879** GIC IAP IDAHO COUNTY, GRANGEVILLE, ID. RNAV (GPS) RWY 7, AMDT 1... LNAV HAT 598 ALL CATS. CHART TDZE 3302 DELETE THRE 3287. THIS IS RNAV (GPS) RWY 7, AMDT 1A. 1409241149-PERM

FDC **4/8880** GIC IAP IDAHO COUNTY, GRANGEVILLE, ID. RNAV (GPS) RWY 25, AMDT 1... LNAV HAT 806 ALL CATS. CHART TDZE 3314 DELETE THRE 3312. THIS IS RNAV (GPS) RWY 25, AMDT 1A. 1409241149-PERM

FDC **4/8881** OLF IAP L M CLAYTON, WOLF POINT, MT. RNAV (GPS) RWY 11, AMDT 1... LPV DA 2188 LNAV/VNAV DA 2266 LNAV HAT 512 ALL CATS CHART TDZE 1988 DELETE THRE 1987. THIS IS RNAV (GPS) RWY 11, AMDT 1A. 1409241200-PERM

FDC **4/8882** OLF IAP L M CLAYTON, WOLF POINT, MT. NDB RWY 29, AMDT 4... S-29 HAT 891 ALL CATS CHART TDZE 1989 DELETE THRE 1985. THIS IS NDB RWY 29, AMDT 4A. 1409241200-PERM

FDC **4/8883** OLF IAP L M CLAYTON, WOLF POINT, MT. RNAV (GPS) RWY 29, AMDT 1... LPV DA 2189 LNAV/VNAV DA 2239 LNAV HAT 351 ALL CATS CHART TDZE 1989 DELETE THRE 1985. THIS IS RNAV (GPS) RWY 29, AMDT 1A. 1409241200-PERM

FDC **4/8886** HLN IAP HELENA RGNL, HELENA, MT. ILS OR LOC Z RWY 27, AMDT 1A... S-ILS 27 DA 4052. S-LOC 27 HAT 1768 ALL CATS. FERRI FIX MINIMUMS* S-LOC 27 HAT 668 ALL CATS. CHART TDZE 3852 DELETE THRE 3845. THIS IS ILS OR LOC Z RWY 27, AMDT 1B. 1409241211-PERM

FDC **4/8887** HLN IAP HELENA RGNL, HELENA, MT. RNAV (RNP) Y RWY 27, ORIG-C... RNP 0.22 DA* 4140. RNP 0.30 DA** 4294. CHART TDZE 3852 DELETE THRE 3845. THIS IS RNAV (RNP) Y RWY 27, ORIG-D. 1409241211-PERM

FDC **4/8888** HLN IAP HELENA RGNL, HELENA, MT. ILS OR LOC Y RWY 27, AMDT 3A... S-ILS 27 DA 4409. S-LOC 27 HAT 1768 ALL CATS. FERRI FIX MINIMUMS* S-LOC 27 HAT 728 ALL CATS. CHART TDZE 3852 DELETE THRE 3845. THIS IS ILS OR LOC Y RWY 27, AMDT 3B. 1409241211-PERM

FDC **4/9214** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. VOR/DME RWY 2, AMDT 2A... S-2 HAT 429 ALL CATS CHART TDZE 2311 DELETE THRE 2305. THIS IS VOR/DME RWY 2, AMDT 2B. 1409241823-PERM

FDC **4/9215** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. RNAV (GPS) RWY 6, ORIG-B... LPV DA 2491 LNAV/VNAV DA 2654 LNAV HAT 449 ALL CATS CHART TDZE 2291 DELETE THRE 2277. THIS IS RNAV (GPS) RWY 6, ORIG-C. 1409241823-PERM

FDC **4/9442** GDV IAP DAWSON COMMUNITY, GLENDIVE, MT. NDB RWY 12, AMDT 4B... CHANGE THRE 2458 TO TDZE 2458 DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS NDB RWY 12, AMDT 4C. 1409251058-PERM

FDC **4/9443** GDV IAP DAWSON COMMUNITY, GLENDIVE, MT. RNAV (GPS) RWY 30, ORIG... LPV DA 2706. LNAV/VNAV DA 2706. LNAV HAT 324 ALL CATS. CHART TDZE 2456 DELETE THRE 2454. THIS IS RNAV (GPS) RWY 30, ORIG-A. 1409251058-PERM

FDC **4/9444** GDV IAP DAWSON COMMUNITY, GLENDIVE, MT. RNAV (GPS) RWY 12, ORIG... CHANGE THRE 2458 TO TDZE 2458. THIS IS RNAV (GPS) RWY 12, ORIG-A. 1409251058-PERM

FDC **4/9595** U14 IAP NEPHI MUNI, NEPHI, UT. RNAV (GPS) RWY 17, ORIG... LPV DA 5433. LNAV/VNAV DA 5692. LNAV HAT 795 ALL CATS. CHART TDZE 5005 DELETE THRE 4987. THIS IS RNAV (GPS) RWY 17, ORIG-A. 1409251258-PERM

FDC **4/9596** U14 IAP NEPHI MUNI, NEPHI, UT. RNAV (GPS) RWY 35, ORIG... CHANGE THRE 5022 TO TDZE 5022. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 35, ORIG-A. 1409251258-PERM

FDC **4/9598** CXP IAP CARSON, CARSON CITY, NV. RNAV (GPS) RWY 27, ORIG... LP CAT A/B HAT 1198. LNAV CAT A/B HAT 1478. CHART TDZE 4702 DELETE THRE 4695. THIS IS RNAV (GPS) RWY 27, ORIG-A. 1409251300-PERM

FDC **4/9599** DTA IAP DELTA MUNI, DELTA, UT. RNAV (GPS) RWY 35, AMDT 1A... LP HAT 322 ALL CATS LNAV HAT 322 ALL CATS CHART TDZE 4758 DELETE THRE 4753. THIS IS RNAV (GPS) RWY 35, AMDT 1B. 1409251311-PERM

FDC **4/9600** DTA IAP DELTA MUNI, DELTA, UT. RNAV (GPS) RWY 17, AMDT 1A... CHANGE THRE 4759 TO TDZE 4759. THIS IS RNAV (GPS) RWY 17, AMDT 1B. 1409251311-PERM

FDC **4/9638** AST IAP ASTORIA RGNL, ASTORIA, OR. RNAV (GPS) RWY 8, ORIG... LP HAT 366 ALL CATS. LNAV HAT 446 ALL CATS. CHART TDZE 14 DELETE THRE 13. THIS IS RNAV (GPS) RWY 8, ORIG-A. 1409251345-PERM

FDC **4/9676** BKE IAP BAKER CITY MUNI, BAKER CITY, OR. RNAV (GPS) RWY 13, AMDT 1B... LPV DA 3804. LNAV/VNAV DA 3904. LNAV HAT 710 ALL CATS. CHANGE THRE 3366 TO TDZE 3370. THIS IS RNAV (GPS) RWY 13, AMDT 1C. 1409251457-PERM

FDC **4/9715** BMC IAP BRIGHAM CITY, BRIGHAM CITY, UT. RNAV (GPS) RWY 35, AMDT 2A... CHANGE THRE 4230 TO TDZE 4230. THIS IS RNAV (GPS) RWY 35, AMDT 2B. 1409251632-PERM

FDC 4/9881 AWO IAP ARLINGTON MUNI, ARLINGTON, WA. RNAV (GPS) RWY 34, ORIG... LPV DA 335. LNAV/VNAV 510 DA . LNAV HAT 385 ALL CATS. CHART TDZE 135 DELETE THRE 128. THIS IS RNAV (GPS) RWY 34, ORIG-A. 1409251937-PERM

FDC 4/9882 AWO IAP ARLINGTON MUNI, ARLINGTON, WA. LOC RWY 34, AMDT 5... S-34 HAT 445 ALL CATS. CHART TDZE 135 DELETE THRE 128. THIS IS LOC RWY 34, AMDT 5A. 1409251937-PERM

FDC 4/9883 AWO IAP ARLINGTON MUNI, ARLINGTON, WA. NDB RWY 34, AMDT 4... S-34 HAT 725 ALL CATS. CHART TDZE 135 DELETE THRE 128. THIS IS NDB RWY 34, AMDT 4A. 1409251937-PERM

FDC **4/9896** CYS IAP CHEYENNE RGNL/JERRY OLSON FIELD, CHEYENNE, WY. NDB RWY 27, AMDT 15... S-27 HAT 499 ALL CATS. CHART TDZE 6121 DELETE THRE 6099. THIS IS NDB RWY 27, AMDT 15A. 1409251941-PERM

FDC 4/9898 RNT IAP RENTON MUNI, RENTON, WA. RNAV (GPS) Y RWY 16, AMDT 4... LNAV MDA HAT 735 ALL CATS CHART TDZE 25 DELETE THRE 24 DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) Y RWY 16, AMDT 4A. 1409251945-PERM

FDC 4/9899 RNT IAP RENTON MUNI, RENTON, WA. RNAV (GPS) Z RWY 16, AMDT 2... LPV DA 543 CHART TDZE 25 DELETE THRE 24 THIS IS RNAV (GPS) Z RWY 16, AMDT 2A. 1409251945-PERM

FDC 4/9943 POY IAP POWELL MUNI, POWELL, WY. RNAV (GPS) RWY 13, ORIG... LPV DA 5296 LNAV/VNAV DA 5296 LNAV MDA 5300/HAT 254 ALL CATS CHART TDZE 5046 DELETE THRE 4997 DELETE NOTE: CIRCLING TO RWY 31 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 31 NA. THIS IS RNAV (GPS) RWY 13, ORIG-A. 1409252055-PERM

FDC 4/9950 POY IAP POWELL MUNI, POWELL, WY. NDB RWY 31, AMDT 2... CHANGE THRE 5096 TO TDZE 5096 DELETE NOTE: STRAIGHT-IN AND CIRCLING TO RWY 31 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 31 NA. THIS IS NDB RWY 31, AMDT 2A. 1409252055-PERM

FDC 4/9951 POY IAP POWELL MUNI, POWELL, WY. RNAV (GPS) RWY 31, ORIG... CHANGE THRE 5096 TO TDZE 5096 DELETE NOTE: STRAIGHT-IN AND CIRCLING TO RWY 31 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 31 NA. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1409252055-PERM

FDC 4/9952 WRL IAP WORLAND MUNI, WORLAND, WY. RNAV (GPS) RWY 34, ORIG-A... CHANGE THRE 4252 TO TDZE 4252 DELETE NOTE: RWY 34 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 34 NA. THIS IS RNAV (GPS) RWY 34, ORIG-B. 1409252056-PERM

FDC 4/9953 WRL IAP WORLAND MUNI, WORLAND, WY. RNAV (GPS) RWY 16, ORIG-A... LPV DA 4452 LNAV/VNAV DA 4494 LNAV HAT 358 ALL CATS CHART TDZE 4202 DELETE THRE 4174 DELETE NOTE: CIRCLING TO RWY 34 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 34 NA. THIS IS RNAV (GPS) RWY 16, ORIG-B. 1409252056-PER

FDC 4/9954 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (RNP) Z RWY 27, ORIG-A... RNP 0.10 DA 1348 RNP 0.30 DA 1468 CHART TDZE 1068 DELETE THRE 1049. THIS IS RNAV (RNP) Z RWY 27, ORIG-B. 1409252057-PERM

FDC 4/9958 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. COPTER NDB RWY 27, AMDT 2... H-27 HAT 1492 CHART TDZE 1068 DELETE THRE 1049. THIS IS COPTER NDB RWY 27, AMDT 2A. 1409252057-PERM

FDC 4/9959 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (RNP) RWY 9, ORIG-A... CHANGE THRE 1099 TO TDZE 1099. THIS IS RNAV (RNP) RWY 9, ORIG-B. 1409252057-PERM

FDC 4/9961 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (GPS) W RWY 27, AMDT 1... LNAV* HAT 332 ALL CATS LNAV HAT 912 ALL CATS CHART TDZE 1068 DELETE THRE 1049 DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 4 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 4 NA. THIS IS RNAV (GPS) W RWY 27, AMDT 1A. 1409252057-PERM

FDC 4/9964 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (GPS) X RWY 27, AMDT 1A... LPV* DA 1268 LPV DA 1568 CHART TDZE 1068 DELETE THRE 1049. THIS IS RNAV (GPS) X RWY 27, AMDT 1B. 1409252057-PERM

FDC 4/9966 YKM IAP YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (RNP) Y RWY 27, ORIG-A... RNP 0.30* DA 1418 RNP 0.30 DA 1845 CHART TDZE 1068 DELETE THRE 1049. THIS IS RNAV (RNP) Y RWY 27, ORIG-B. 1409252057-PER

FDC 4/9969 PVU IAP PROVO MUNI, PROVO, UT. ILS OR LOC/DME RWY 13, AMDT 2... CHANGE THRE 4497 TO TDZE 4497. THIS IS ILS OR LOC/DME RWY 13, AMDT 2A. 1409252058-PERM

FDC 4/9971 PVU IAP PROVO MUNI, PROVO, UT. RNAV (GPS) RWY 13, AMDT 2... CHANGE THRE 4497 TO TDZE 4497. THIS IS RNAV (GPS) RWY 13, AMDT 2A. 1409252058-PERM

FDC 4/9993 WRL IAP WORLAND MUNI, WORLAND, WY. VOR RWY 16, AMDT 6A... S-16 HAT 838 ALL CATS IKETY FIX MINIMUMS S-16 HAT 398 ALL CATS CHART TDZE 4202 DELETE THRE 4174 DELETE NOTE: CIRCLING TO RWY 34 NA AT NIGHT CHART NOTE: NIGHT LANDING: RWY 34 NA. THIS IS VOR RWY 16, AMDT 6B. 1409252120-PERM