U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 11-09 **March 18, 2011**

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJV-21
(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 are corrected copies of procedures that were previously published in TL 11-07, TL 11-08:

Hartford, CT, Hartford-Brainard, LDA RWY 2, Amdt 1G
Nantucket, MA, Nantucket Memorial, RNAV (GPS) RWY 33, Orig-A

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LDA 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
HFD VOR/DME	LOMIS INT	277.57 / 3.52	2500
MAD VOR/DME (IAF)	LOMIS INT (NOPT)	031.14 / 14.39 (MAD R-031)	2200
WEGOT/MAD 14.39 DME (IF)	LOMIS INT	001.99 / 5.80 (I-HFD)	2200

This is a corrected copy of a procedure published in TL 11-07.

MISSED APPROACH

MAP: LDA: 5.40 MILES AFTER LOMIS INT

CLIMBING RIGHT TURN TO 2500 ON HEADING 060 AND PUT VOR/DME R-265 TO RAMBO INT AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMBING RIGHT TURN TO 2500 ON HEADING 090.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 265.00 INBOUND.
CHART FAS OBST: 195 CHURCH 414247N/0723908W.
CHART 319 TREES 414030N/0723800W.
CHART TDZE: 17
CHART FLD ELEV: 18
LOMIS INT TO RW02: 3.40/45.
CHART: 409 TREES 413840N/723615W
CHART: PUTNAM (PUT) VOR/DME.
FAC CROSSES RWY C/L EXTENDED 1323 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S LOMIS, RT, 001.99 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC 001.99 FAF LOMIS INT DIST FAF TO MAP 5.40 THLD 5.93
4. MIN. ALT LOMIS 2200, DANNS INT 640
8. MSA FROM: HFD VOR/DME 360-180 2600, 180-360 3100

MAG VAR: 15W EPOCH YEAR:1995

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-2	640	1	623	640	1	623	640	1 3/4	623	640	2	623			
CIRCLING	640	1	622	640	1	622	940	2 3/4	922	1000	3	982			
DANNS INT MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LDA 2	460	1	443	460	1	443	460	1	443	460	1 1/2	443			
CIRCLING	580	1	562	580	1	562	940	2 3/4	922	1000	3	982			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ CAT C 1000-2 3/4, CAT D 1000-3
@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 18 TDZE: 17	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
HARTFORD, CT	AIRPORT NAME: HARTFORD-BRAINARD	I-HFD	LDA RWY 2, AMDT 1G 05 MAY 2011	AMDT 1F
				DATE 04/09/2009

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
CLAMY	FARGU (FB)	121.12 / 27.47	2500
ACK VOR/DME	DUPKE (FO)	160.99 / 12.16	2300
LFV VOR/DME	EVPAW (FB)	183.72 / 51.71	2300
FARGU (IAF)	DUPKE (NOPT) (FB)	061.09 / 5.00	2300
EVPAW (IAF)	DUPKE (NOPT) (FB)	241.19 / 5.00	2300
DUPKE (IF/IAF)	HIKSO (FB)	331.14 / 6.10	1800
HIKSO (FAF)	GADRE/2.00 NM TO RW33 (FB)	331.07 / 3.30	720
(SEE FORM 8260-10)			

This is a corrected copy of a procedure published in TL 11-08.

MISSED APPROACH

LNAV: RW33

CLIMB TO 2500 DIRECT CEROD AND ON TRACK 260.38 TO CLAMY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 090.00 INBOUND.
CHART FAS OBST: 125 BOAT 411332N/0700104W CHART W-105A.
CHART VDP AT 0.93 MILES TO RW33.
HIKSO TO RW33: 3.05/43.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE DUPKE, RT, 331.14 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 331.07 FAF: HIKSO DIST FAF TO MAP: 5.30 THLD: 5.30
4. MIN. ALT: DUPKE 2300, HIKSO 1800, GADRE/2.00 NM TO RW33 720
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: RW33 1700

MAG VAR: 16W 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
LNAV MDA	380	1	337	380	1	337	380	1	337	380	1	337			
CIRCLING	480	1	433	500	1	453	500	1 1/2	453	600	2	553			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LFV VOR/DME VIA V167 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HYANNIS ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 47 TDZE: 43 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NANTUCKET, MA	NANTUCKET MEMORIAL	RNAV	RNAV (GPS) RWY 33, ORIG-A 05 MAY 2011	AMDT: ORIG DATED 05/07/2009

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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GADRE/2.00 NM TO RW33	RW33 (MAP) (FO)	331.07 / 2.00	
RW33 (MAP)	380 MSL	331.07	
380 MSL	CEROD (FB)		
CEROD	CLAMY (FO)	260.38 / 19.68	2500

NOTES, (CONT.):
ALL MDA 80 FEET; INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING HYANNIS ALTIMETER SETTING.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 47 TDZE: 43 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NANTUCKET, MA	NANTUCKET MEMORIAL	RNAV	RNAV (GPS) RWY 33, ORIG-A 05 MAY 2011	AMDT: ORIG DATED: 05/07/2009

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        ACK   K6011620VDH  N41165479W070013616    N41165479W070013616W0150000992     NARNANTUCKET                 I
       SUSAD        LFV   K6011470VDHW N42010188W070021404    N42010188W070021404W0160001512     NARMARCONI                   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CEROD K60    W     N41191331W070083675                W0152     NAR          CEROD                        I
       SUSAEAENRT   CLAMY K60    C   L N41104000W070320697                W0150     NAR          CLAMY                        I
       SUSAEAENRT   DUPKE K60    W     N41065628W069522225                W0152     NAR          DUPKE                        I
       SUSAEAENRT   EVPAW K60    W     N41102792W069474065                W0153     NAR          EVPAW                        I
       SUSAEAENRT   FARGU K60    W     N41032445W069570334                W0152     NAR          FARGU                        I
       SUSAEAENRT   GADRE K60    W     N41133594W070010952                W0152     NAR          GADRE                        I
       SUSAEAENRT   HIKSO K60    W     N41111561W069580408                W0152     NAR          HIKSO                        I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KACKK6AACK     0      063YHN41151120W070033710W016000047          1800018000C    MNAR    NANTUCKET MEMORIAL           I

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KACKK6FR33   AACK   010ACK  K6D 0V       IF                                          18000                B JS   I
       SUSAP KACKK6FR33   AACK   020DUPKEK6EA0EY   020TF                  16100122    + 02300                          B JS   I
       SUSAP KACKK6FR33   AACK   030DUPKEK6EA0E  AR   HF                 33110040    + 02300                          B JS   I
       SUSAP KACKK6FR33   ACLAMY 010CLAMYK6EA0E       IF                                          18000                B JS   I
       SUSAP KACKK6FR33   ACLAMY 020FARGUK6EA0E  A 020TF                  12110275    + 02500                          B JS   I
       SUSAP KACKK6FR33   ACLAMY 030DUPKEK6EA0EE B 010TF                  06110050    + 02300                          B JS   I
       SUSAP KACKK6FR33   ALFV   010LFV  K6D 0V       IF                                          18000                B JS   I
       SUSAP KACKK6FR33   ALFV   020EVPAWK6EA0EE A 020TF                  18370517    + 02300                          B JS   I
       SUSAP KACKK6FR33   ALFV   030DUPKEK6EA0EE B 010TF                  24120050    + 02300                          B JS   I
       SUSAP KACKK6FR33   R      010DUPKEK6EA0E  I    IF                             + 02300     18000                B JS   I
       SUSAP KACKK6FR33   R      020HIKSOK6EA1E  F 051TF                  33110061    + 01800                RW33  K6PGB JS   I
       SUSAP KACKK6FR33   R      020HIKSOK6EA2WN          N       ALNAV                                                JS   I
       SUSAP KACKK6FR33   R      021GADREK6EA0E S  031TF                  33110033    V 0072000735       -305          B JS   I
       SUSAP KACKK6FR33   R      030RW33 K6PG0GY M 031TF                  33110020      00084            -305          B JS   I
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QUALITY A CHECKED

CITY AND STATE	ELEVATION: 47 TDZE: 43	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NANTUCKET, MA	AIRPORT NAME: NANTUCKET MEMORIAL	RNAV	RNAV (GPS) RWY 33, ORIG-A 05 MAY 2011	AMDT: ORIG DATED: 05/07/2009

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KACKK6FR33   R      040         0  M     CA                    3311        + 00380                          B JS   I
        SUSAP KACKK6FR33   R      050CERODK6EA0E        DF                                                             B JS   I
        SUSAP KACKK6FR33   R      060CLAMYK6EA0EY   010TF                    2604        + 02500                          B JS   I
        SUSAP KACKK6FR33   R      070CLAMYK6EA0EE   L   HM                   09000040    + 02500                          B JS   I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KACKK6GRW33     0039993310 N41150088W070030194+0100     -0016400041000043100R                                    I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KACKK6SRW33 K6PG                0   18018001725                                                                M   I
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CITY AND STATE	ELEVATION: 47 TDZE: 43	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NANTUCKET, MA	AIRPORT NAME: NANTUCKET MEMORIAL	RNAV	RNAV (GPS) RWY 33, ORIG-A 05 MAY 2011	AMDT: ORIG
				DATED: 05/07/2009

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30774 ; Amdt. No. 3418]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This 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: Harry J. Hodges, 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 March 18, 2011

John M. Allen

John M. Allen
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 5 MAY 2011

Deadhorse, AK, Deadhorse, RNAV (GPS) Y RWY 5, Amdt 1B
Deadhorse, AK, Deadhorse, RNAV (GPS) Y RWY 23, Amdt 1B
Fayetteville/Springdale, AR, Northwest Arkansas Rgnl, ILS OR LOC/DME RWY 17, Orig
Fayetteville/Springdale, AR, Northwest Arkansas Rgnl, ILS OR LOC/DME RWY 35, Orig
Fayetteville/Springdale, AR, Northwest Arkansas Rgnl, RNAV (GPS) RWY 17, Orig
Fayetteville/Springdale, AR, Northwest Arkansas Rgnl, RNAV (GPS) RWY 35, Orig
Fayetteville/Springdale, AR, Northwest Arkansas Rgnl, Takeoff Minimums and Obstacle DP, Amdt 3
Taylor, AZ, Taylor Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Rio Vista, CA, Rio Vista Muni, RNAV (GPS) RWY 25, Amdt 1
Santa Ana, CA, John Wayne Airport-Orange County, NDB RWY 19R, Amdt 1, CANCELLED
Daytona Beach, FL, Daytona Beach Intl, RNAV (GPS) RWY 34, Amdt 2
Tampa, FL, Tampa Executive, RNAV (GPS) RWY 18, Amdt 1
Atlanta, GA, Cobb County-McCollum Field, ILS OR LOC RWY 27, Amdt 4
Atlanta, GA, Cobb County-McCollum Field, RNAV (GPS) RWY 27, Amdt 4
Cochran, GA, Cochran, RNAV (GPS) RWY 11, Amdt 1
Sandersville, GA, Kaolin Field, RNAV (GPS) RWY 13, Amdt 2
Sandersville, GA, Kaolin Field, RNAV (GPS) RWY 31, Amdt 2
Lanai City, HI, Lanai, RNAV (GPS) RWY 3, Orig-A
Algona, IA, Algona Muni, NDB RWY 12, Amdt 6
Algona, IA, Algona Muni, RNAV (GPS) RWY 12, Orig
Algona, IA, Algona Muni, RNAV (GPS) RWY 30, Amdt 1
Algona, IA, Algona Muni, VOR/DME-A, Amdt 7
Carroll, IA, Arthur N Neu, NDB Rwy 31, Amdt 7, CANCELLED
Decorah, IA, Decorah Muni, RNAV (GPS) RWY 11, Orig
Alton/St. Louis, IL, St. Louis Rgnl, ILS OR LOC RWY 29, Amdt 12
Alton/St. Louis, IL, St. Louis Rgnl, LOC BC RWY 11, Amdt 9
Alton/St. Louis, IL, St. Louis Rgnl, NDB RWY 17, Amdt 12
Alton/St. Louis, IL, St. Louis Rgnl, RNAV (GPS) RWY 11, Amdt 2
Alton/St. Louis, IL, St. Louis Rgnl, RNAV (GPS) RWY 17, Amdt 1
Alton/St. Louis, IL, St. Louis Rgnl, RNAV (GPS) RWY 29, Amdt 1
Alton/St. Louis, IL, St. Louis Rgnl, RNAV (GPS) RWY 35, Amdt 1
Alton/St. Louis, IL, St. Louis Rgnl, Takeoff Minimums and Obstacle DP, Amdt 2
Chicago/Prospect Hgts/Wheeling, IL, Chicago Executive, Takeoff Minimums and Obstacle DP, Amdt 3
Logansport, IN, Logansport/Cass County, RNAV (GPS) RWY 9, Amdt 1
Logansport, IN, Logansport/Cass County, RNAV (GPS) RWY 27, Amdt 1
Logansport, IN, Logansport/Cass County, VOR/DME RNAV 27, Amdt 3, CANCELLED
Augusta, ME, Augusta State, GPS RWY 17, Orig-A, CANCELLED
Augusta, ME, Augusta State, RNAV (GPS) RWY 17, Orig
Augusta, ME, Augusta State, VOR RWY 35, Amdt 6

Augusta, ME, Augusta State, VOR/DME RWY 17, Amdt 5
Augusta, ME, Augusta State, VOR/DME-A, Amdt 12
Alpena, MI, Alpena County Rgnl, ILS OR LOC RWY 1, Amdt 9
Ann Arbor, MI, Ann Arbor Muni, RNAV (GPS) RWY 6, Amdt 2
Ann Arbor, MI, Ann Arbor Muni, RNAV (GPS) RWY 24, Amdt 2
Battle Creek, MI, W K Kellogg, ILS OR LOC RWY 23R, Amdt 18
Battle Creek, MI, W K Kellogg, NDB RWY 23R, Amdt 18
Battle Creek, MI, W K Kellogg, RNAV (GPS) RWY 5L, Amdt 1
Battle Creek, MI, W K Kellogg, RNAV (GPS) RWY 23R, Amdt 1
Cheboygan, MI, Cheboygan County, RNAV (GPS) RWY 28, Amdt 1
Cheboygan, MI, Cheboygan County, VOR RWY 10, Amdt 9
Marlette, MI, Marlette, RNAV (GPS) RWY 9, Amdt 1
Marlette, MI, Marlette, RNAV (GPS) RWY 19, Orig
Marlette, MI, Marlette, RNAV (GPS) RWY 27, Amdt 1
Marlette, MI, Marlette, VOR/DME-A, Amdt 6
South Haven, MI, South Haven Area Rgnl, RNAV (GPS) RWY 4, Amdt 1
South Haven, MI, South Haven Area Rgnl, RNAV (GPS) RWY 22, Amdt 1
South Haven, MI, South Haven Area Rgnl, VOR RWY 22, Amdt 11
Hattiesburg, MS, Hattiesburg Bobby L Chain Muni, RNAV (GPS) Y RWY 13, Amdt 2A
Clinton, NC, Clinton-Sampson County, LOC RWY 6, Amdt 3
Clinton, NC, Clinton-Sampson County, RNAV (GPS) RWY 6, Amdt 2
Clinton, NC, Clinton-Sampson County, RNAV (GPS) Y RWY 24, Amdt 1
Clinton, NC, Clinton-Sampson County, RNAV (GPS) Z RWY 24, Orig
Clinton, NC, Clinton-Sampson County, Takeoff Minimums and Obstacle DP, Amdt 2
Clinton, NC, Clinton-Sampson County, VOR/DME-A, Amdt 6
Edenton, NC, Northeastern Rgnl, ILS OR LOC RWY 19, Orig
Edenton, NC, Northeastern Rgnl, LOC RWY 19, Orig, CANCELLED
Edenton, NC, Northeastern Rgnl, RNAV (GPS) RWY 19, Amdt 2
Oakes, ND, Oakes Muni, GPS RWY 30, Orig-A, CANCELLED
Oakes, ND, Oakes Muni, RNAV (GPS) RWY 30, Orig
Oakes, ND, Oakes Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Ogallala, NE, Searle Field, Takeoff Minimums and Obstacle DP, Amdt 4
Scottsbluff, NE, Western Neb, Rgnl/William B. Heilig Field, ILS OR LOC RWY 30, Amdt 10
Wayne, NE, Wayne Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Manville, NJ, Central Jersey Rgnl, RNAV (GPS) RWY 7, Amdt 1
Manville, NJ, Central Jersey Rgnl, RNAV (GPS) RWY 25, Amdt 1
Clayton, NM, Clayton Muni Airpark, Takeoff Minimums and Obstacle DP, Amdt 1
Socorro, NM, Socorro Muni, RNAV (GPS) Z RWY 33, Orig, CANCELLED
Portland, OR, Portland Intl, ILS OR LOC RWY 10L, Amdt 3A
Corry, PA, Corry-Lawrence, Takeoff Minimums and Obstacle DP, Orig-A
Lehighton, PA, Jake Arner Memorial, RNAV (GPS) RWY 8, Amdt 1
Lehighton, PA, Jake Arner Memorial, RNAV (GPS) RWY 26, Amdt 1
Lehighton, PA, Jake Arner Memorial, Takeoff Minimums and Obstacle DP, Amdt 1

Pittsburgh, PA, Pittsburgh Intl, RNAV (RNP) Z RWY 32, Amdt 1A
Eastland, TX, Eastland Muni, RNAV (GPS) RWY 17, Orig
Eastland, TX, Eastland Muni, RNAV (GPS) RWY 35, Amdt 2
Ennis, TX, Ennis Muni, Takeoff Minimums and Obstacle DP, Orig
Ennis, TX, Ennis Muni, VOR/DME-A, Amdt 1
Gladewater, TX, Gladewater Muni, RNAV (GPS) RWY 14, Orig
Gladewater, TX, Gladewater Muni, RNAV (GPS) RWY 32, Orig
Gladewater, TX, Gladewater Muni, VOR/DME RWY 14, Amdt 3
Granbury, TX, Granbury Rgnl, Takeoff Minimums and Obstacle DP, Amdt 2
Houston, TX, Pearland Rgnl, RNAV (GPS) RWY 32, Amdt 3
Junction, TX, Kimble County, Takeoff Minimums and Obstacle DP, Amdt 2
Livingston, TX, Livingston Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Mexia, TX, Mexia-Limestone Co, Takeoff Minimums and Obstacle DP, Orig
San Antonio, TX, San Antonio Intl, RNAV (RNP) Z RWY 3, Orig
San Antonio, TX, San Antonio Intl, RNAV (RNP) Z RWY 12R, Orig
San Antonio, TX, San Antonio Intl, RNAV (RNP) Z RWY 21, Orig
San Antonio, TX, San Antonio Intl, RNAV (RNP) Z RWY 30L, Orig
Sherman-Denison, TX, North Texas Rgnl/Perrin Field, Takeoff Minimums and Obstacle DP, Orig
Tyler, TX, Tyler Pounds Rgnl, ILS or LOC RWY 13, Amdt 20F
Tyler, TX, Tyler Pounds Rgnl, RNAV (GPS) RWY 4, Amdt 1A
Tyler, TX, Tyler Pounds Rgnl, VOR/DME RWY 4, Amdt 3E
Heber, UT, Heber City Muni-Russ McDonald Field, COOLI TWO Graphic DP
Heber, UT, Heber City Muni-Russ McDonald Field, Takeoff Minimums and Obstacle DP, Amdt 2
Pasco, WA, Tri-Cities, RNAV (GPS) Y RWY 3L, Amdt 1A
Pasco, WA, Tri-Cities, RNAV (GPS) Y RWY 12, Amdt 1A
Pasco, WA, Tri-Cities, RNAV (GPS) Y RWY 21R, Amdt 1A
Pasco, WA, Tri-Cities, RNAV (GPS) Y RWY 30, Amdt 2A
Pasco, WA, Tri-Cities, RNAV (RNP) Z RWY 3L, Orig
Pasco, WA, Tri-Cities, RNAV (RNP) Z RWY 12, Orig
Pasco, WA, Tri-Cities, RNAV (RNP) Z RWY 21R, Orig
Pasco, WA, Tri-Cities, RNAV (RNP) Z RWY 30, Orig
Delavan, WI, Lawn Lake, RNAV (GPS) RWY 18, Orig-A, CANCELLED
Delavan, WI, Lawn Lake, RNAV (GPS) RWY 36, Orig, CANCELLED
Delavan, WI, Lawn Lake, Takeoff Minimums and Obstacle DP, Amdt 1, CANCELLED

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
EXIWO (IAF)	CUBSU (NOPT) (FB)	141.45 / 6.00	1800
VUWIB (IAF)	CUBSU (NOPT) (FB)	321.59 / 6.00	1800
CUBSU (IF/IAF)	CIMAS (FB)	051.52 / 6.02	1600
CIMAS (FAF)	RW05 (MAP) (FO)	051.79 / 4.59	
RW05 (MAP)	315 MSL	051.79	
315 MSL	DALTE (FB)		
DALTE	PICIC (FB)	142.29 / 12.00	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 1800 DIRECT DALTE AND RIGHT TURN ON TRACK 142.29 TO PICIC AND RIGHT TURN ON TRACK 251.56 TO VUWIB AND ON TRACK 321.59 TO CUBSU AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 68 EQUIP 701134N/1482958W
CHART FAS OBST: 114 VEHICLE 701102N/1483615W
CHART R-2204.
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.
CHART VDP AT 0.90 MILES TO RW05*
*LNAV ONLY.
WAAS CHANNEL # 49103
REFERENCE PATH ID: W05A
LTP HAE: 15.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW CUBSU, RT, 051.52 INBOUND, 1800 FT. IN LIEU OF PT (IAF)
3. FAC: 051.79 FAF: CIMAS DIST FAF TO MAP: 4.59 THLD: 4.59
4. MIN. ALT: CUBSU 1800, CIMAS 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: CIMAS 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 23E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | 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	315	2400	250	315	2400	250	315	2400	250	315	2400	250	315	2400	250
LNAV/VNAV DA	394	2400	329	394	2400	329	394	2400	329	394	4000	329	394	4000	329
LNAV MDA	400	2400	335	400	2400	335	400	2400	335	400	5000	335	400	5000	335
CIRCLING	540	1	475	540	1	475	540	1 1/2	475	620	2	555	620	2	555

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING NUIQSUT ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 65 TDZE: 65	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
DEADHORSE, AK	AIRPORT NAME: DEADHORSE	RNAV	RNAV (GPS) Y RWY 5, AMDT 1B	AMDT: 1A
			05 MAY 2011	DATED 12/17/2009

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
PICIC	VUWIB (FB)	251.56 / 18.31	
VUWIB	CUBSU (FO)	321.59 / 6.00	1800

NOTES, (CONT.):

CHART NOTE: VDP NA WHEN USING NUIQSUT ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NUIQSUT ALTIMETER SETTING AND INCREASE ALL DA 124 FEET AND ALL MDA 140 FEET, AND INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV CATS A,B,C VISIBILITY 1/2 MILE CAT D,E VISIBILITY 1/4 MILE, INCREASE LNAV CAT C,E VISIBILITY 1/4 MILE, CIRCLING CAT C/D 1/4 MILE AND CAT E 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV VISIBILITY CAT D TO RVR 5000, CAT E TO RVR 6000, LNAV CAT E TO RVR 6000, INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D VISIBILITY.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING NUIQSUT ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000, LNAV/VNAV CAT E TO 1 1/2 MILE AND LNAV CAT E TO 1 3/4 MILE.

CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

TAA

	FROM	TO	ALT
1.	322/30 CW 142/30 (NOPT)	322/10 CW 142/10	2500
2.	322/10 CW 142/10	CUBSU (IF/IAF) (FB)	1800
3.	142/30 CW 232/30	EXIWO (IAF) (FB)	2500
4.	232/30 CW 322/30	VUWIB (IAF) (FB)	2500

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PASC
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	701132.8495N
LTP/FTP LONGITUDE	1482925.6540W
LTP/FTP ELLIPSOIDAL HEIGHT	+00155
FPAP LATITUDE	701152.0100N
FPAP LONGITUDE	1482554.4900W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	108.00
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0F6DB3CA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00196
FPAP ORTHOMETRIC HEIGHT	+00196

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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
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   CIMAS PA0    C     N70102132W148422635                    E0219     NAR          CIMAS
        SCANEAENRT   CUBSU PA0    W     N70084612W148592752                    E0218     NAR          CUBSU
        SCANEAENRT   DALTE PA0    W     N70131537W148102542                    E0222     NAR          DALTE
        SCANEAENRT   EXIWO PA0    W     N70143161W149041040                    E0218     NAR          EXIWO
        SCANEAENRT   PICIC PA0    W     N70014152W148013269                    E0222     NAR          PICIC
        SCANEAENRT   VUWIB PA0    W     N70030049W148544725                    E0218     NAR          VUWIB

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAASCC     0     065YHN70114110W148275460E023000065         1800018000C    MNAR     DEADHORSE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAFR05-Y ACUBSU 010CUBSUPAEA0EE AR   HF                    05150060    + 01800     18000                A JS
        SCANP PASCPAFR05-Y AEXIWO 010EXIWOPAEA0E  A    IF                                        18000                A JS
        SCANP PASCPAFR05-Y AEXIWO 020CUBSUPAEA0EE B 010TF                    14150060    + 01800                          A JS
        SCANP PASCPAFR05-Y AVUWIB 010VUWIBPAEA0E  A    IF                                        18000                A JS
        SCANP PASCPAFR05-Y AVUWIB 020CUBSUPAEA0EE B 010TF                    32160060    + 01800                          A JS
        SCANP PASCPAFR05-Y R      010CUBSUPAEA0E  I    IF                               + 01800     18000                A JS
        SCANP PASCPAFR05-Y R      020CIMASPAEA1E  F 051TF                    05150060    + 01600                          A JS
        SCANP PASCPAFR05-Y R      020CIMASPAEA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SCANP PASCPAFR05-Y R      030RW05 PAPGOGY M 031TF                    05180046      00119            -300          A JS
        SCANP PASCPAFR05-Y R      040         0  M     CA                    0518        + 00315                          A JS
        SCANP PASCPAFR05-Y R      050DALTEPAEA0E        DF                                                             A JS
        SCANP PASCPAFR05-Y R      060PICICPAEA0E   R010TFY                    1423                                       A JS
        SCANP PASCPAFR05-Y R      070VUWIBPAEA0E   R010TFY                    2516                                       A JS
        SCANP PASCPAFR05-Y R      080CUBSUPAEA0EY   010TF                    3216        + 01800                          A JS
        SCANP PASCPAFR05-Y R      090CUBSUPAEA0EE  R   HM                    05150060    + 01800                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAGRW05     0065000520 N70113285W148292565-0100     +00155000640000551501
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CITY AND STATE	ELEVATION: 65 TDZE: 65	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
DEADHORSE, AK	AIRPORT NAME: DEADHORSE	RNAV	RNAV (GPS) Y RWY 5, AMDT 1B 05 MAY 2011	AMDT: 1A
				DATED: 12/17/2009

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAPR05-Y RW05 001Y0000W05A0N7011328495W14829256540+001550300N7011520100W14825544900108000312000550F4005000F6DB3CA
        SCANP PASCPAPR05-Y RW05 002E      +00196+00196LPV       49103
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CITY AND STATE	ELEVATION: 65 TDZE: 65	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
DEADHORSE, AK	AIRPORT NAME: DEADHORSE	RNAV	RNAV (GPS) Y RWY 5, AMDT 1B 05 MAY 2011	AMDT: 1A
				DATED: 12/17/2009

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
QATZA (IAF)	MAJEF (NOPT) (FB)	142.44 / 6.00	1700
UBYEF (IAF)	MAJEF (NOPT) (FB)	322.58 / 6.00	1700
MAJEF (IF/IAF)	OCOTA (FB)	232.51 / 6.02	1600
OCOTA (FAF)	RW23 (MAP) (FO)	232.25 / 4.62	
RW23 (MAP)	313 MSL	232.25	
313 MSL	OMSAE (FB)		
OMSAE	DECED (FB)	141.74 / 10.00	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 1700 DIRECT OMSAE AND LEFT TURN ON TRACK 141.74 TO DECED AND LEFT TURN ON TRACK 038.84 TO UBYEF AND ON TRACK 322.58 TO MAJEF AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 90 VORTAC 701157N/1482458W
CHART FAS OBST: 205 POLE 701211N/1482725W
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.10 MILES TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 69203
REFERENCE PATH ID: W23A
LTP HAE: 13.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE MAJEF, RT, 232.51 INBOUND, 1700 FT. IN LIEU OF PT (IAF)
3. FAC: 232.25 FAF: OCOTA DIST FAF TO MAP: 4.62 THLD: 4.62
4. MIN. ALT: MAJEF 1700, OCOTA 1600
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 1600 GS ALT AT: OCOTA 1600 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 23E EPOCH YEAR: 2010

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	313	4000	250	313	4000	250	313	4000	250	313	4000	250	313	4000	250
LNAV/VNAV DA	524	5000	461	524	5000	461	524	5000	461	524	5000	461	524	6000	461
LNAV MDA	460	2400	397	460	2400	397	460	2400	397	460	5000	397	460	5000	397
CIRCLING	540	1	475	540	1	475	540	1 1/2	475	620	2	555	620	2	555

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING NUIQSUT ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 65 TDZE: 63	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
DEADHORSE, AK	AIRPORT NAME: DEADHORSE		RNAV (GPS) Y RWY 23, AMDT 1B	AMDT: 1A
			05 MAY 2011	DATED 12/17/2009

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
DECED	UBYEF (FB)	038.84 / 17.76	
UBYEF	MAJEF (FO)	322.58 / 6.00	1700

NOTES, (CONT.):

CHART NOTE: VDP NA WHEN USING NUIQSUT ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NUIQSUT ALTIMETER SETTING AND INCREASE ALL DA 124 FEET AND ALL MDA 140 FEET, AND INCREASE LNAV CATS A,B,D VISIBILITY 1/4 MILE, CATS C,E VISIBILITY 1/2 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, CIRCLING CAT C/D 1/4 MILE AND CAT D 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 3/4 MILES, LNAV CAT D TO RVR 6000, AND CAT E TO 1 1/2 MILES.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING NUIQSUT ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000, LNAV/VNAV AND LNAV CAT E TO 2 MILES.

TAA

	FROM	TO	ALT
1.	143/30 CW 323/30 (NOPT)	143/10 CW 323/10	2500
2.	143/10 CW 323/10	MAJEF (IF/IAF) (FB)	1700
3.	323/30 CW 053/30	UBYEF (IAF) (FB)	2500
4.	053/30 CW 143/30	QATZA (IAF) (FB)	2500

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PASC
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	701149.3830N
LTP/FTP LONGITUDE	1482623.5360W
LTP/FTP ELLIPSOIDAL HEIGHT	+00136
FPAP LATITUDE	701126.4200N
FPAP LONGITUDE	1483036.3400W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0D529799

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00177
FPAP ORTHOMETRIC HEIGHT	+00177

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
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   DECED PA0    W     N70002892W148373630                    E0219     NAR          DECED
        SCANEAENRT   MAJEF PA0    W     N70143098W147560769                    E0223     NAR          MAJEF
        SCANEAENRT   OCOTA PA0    C     N70130021W148131561                    E0222     NAR          OCOTA
        SCANEAENRT   OMSAE PA0    W     N70100563W148451601                    E0219     NAR          OMSAE
        SCANEAENRT   QATZA PA0    W     N70201809W148003414                    E0223     NAR          QATZA
        SCANEAENRT   UBYEF PA0    W     N70084377W147514375                    E0223     NAR          UBYEF

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAASCC     0     065YHN70114110W148275460E023000065          1800018000C    MNAR     DEADHORSE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAFR23-Y AMAJEF 010MAJEFPAEA0EE AR   HF                    23250080    + 01700     18000                A JS
        SCANP PASCPAFR23-Y AQATZA 010QATZAPAEA0E  A    IF                                        18000                A JS
        SCANP PASCPAFR23-Y AQATZA 020MAJEFPAEA0EE B 010TF                    14240060    + 01700                          A JS
        SCANP PASCPAFR23-Y AUBYEF 010UBYEFPAEA0E  A    IF                                        18000                A JS
        SCANP PASCPAFR23-Y AUBYEF 020MAJEFPAEA0EE B 010TF                    32260060    + 01700                          A JS
        SCANP PASCPAFR23-Y R      010MAJEFPAEA0E  I    IF                             + 01700     18000                A JS
        SCANP PASCPAFR23-Y R      020OCOTAPAEA1E  F 051TF                    23250060    + 01600                          A JS
        SCANP PASCPAFR23-Y R      020OCOTAPAEA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SCANP PASCPAFR23-Y R      030RW23 PAPG0GY M 031TF                    23230046      00109             -300         A JS
        SCANP PASCPAFR23-Y R      040         0  M     CA                    2323        + 00313                          A JS
        SCANP PASCPAFR23-Y R      050OMSAEPAEA0E        DF                                                             A JS
        SCANP PASCPAFR23-Y R      060DECEDPAEA0E   L010TFY                   1417                                        A JS
        SCANP PASCPAFR23-Y R      070UBYEFPAEA0E   L010TFY                   0388                                        A JS
        SCANP PASCPAFR23-Y R      080MAJEFPAEA0EY   010TF                    3226        + 01700                          A JS
        SCANP PASCPAFR23-Y R      090MAJEFPAEA0EE  R   HM                    23250080    + 01700                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAGRW23    0065002320 N70114938W148262354+0100    +0013600058000051150R
```

CITY AND STATE	ELEVATION: 65 TDZE: 63	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
DEADHORSE, AK	AIRPORT NAME: DEADHORSE	RNAV	RNAV (GPS) Y RWY 23, AMDT 1B 05 MAY 2011	AMDT: 1A DATED: 12/17/2009

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PASCPAPR23-Y RW23 001Y0000W23A0N7011493830W14826235360+001360300N7011264200W14830363400106750768000510F4005000D529799
        SCANP PASCPAPR23-Y RW23 002E      +00177+00177LPV       69203
```

CITY AND STATE	ELEVATION: 65 TDZE: 63	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
DEADHORSE, AK	AIRPORT NAME: DEADHORSE	RNAV	RNAV (GPS) Y RWY 23, AMDT 1B 05 MAY 2011	AMDT: 1A
				DATED: 12/17/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RZC VORTAC	WOPSA/I-XSQ 12.12 DME	312.53 / 19.73	3100
WOPSA/12.12 DME (IF/IAF)	FANAX/5.02 DME	155.73 / 7.10 (I-XSQ)	3000

MISSED APPROACH

ILS: DA
LOC: I-XSQ 0.19 DME FIX

CLIMB TO 3700 ON HEADING 156 AND ON DAK VOR/DME R-329 TO WUVEK INT/DAK 2.18 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 320 AND ON EOS VOR/DME R-169 TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 329.43 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N WOPSA/EOS 21.48 DME, RT, 168.63 INBOUND.
CHART FAS OBST: 1448 TRMSN TWR 361948N/0941925W
CHART IN PLANVIEW: EOS VOR/DME
CHART VDP AT 0.94 DME*;
DISTANCE VDP TO THLD 1.11 MILES.
*LOC ONLY.
CHART I-XSQ DME ANTENNA IN PROFILE
CHART IN PLANVIEW: RZC VORTAC 19.73 DME AT WOPSA

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW WOPSA, RT, 155.73 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 155.73 FAF: FANAX/5.02 DME DIST FAF TO MAP: ____ THLD: 5.19
4. MIN. ALT: WOPSA 3100, FANAX 3000, TENYU/2.13 DME 2060*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1169
6. MIN GS INCPT: 3000 GS ALT AT: FANAX 3000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 57.6
8. MSA FROM: RZC VORTAC 090-180 4500, 180-270 3600, 270-090 3200

MAG VAR: 4E EPOCH YEAR: 2000

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 17	1488	3/4	200	1488	3/4	200	1488	3/4	200	1488	3/4	200			
S-LOC 17	1700	1	412	1700	1	412	1700	1 1/8	412	1700	1 1/8	412			
CIRCLING	1740	1	452	1740	1	452	1740	1 1/2	452	1840	2	552			

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART NOTE: VDP NA WITH BENTONVILLE ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTONVILLE ALTIMETER SETTING AND INCREASE ALL DA 15 FEET AND ALL MDA 20 FEET. INCREASE S-LOC 17 CATS C/D VISIBILITY 1/8 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	I-XSQ	ILS OR LOC/DME RWY 17, ORIG 5 MAY 2011	AMDT: NONE
				DATED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MISSED APPROACH INSTRUCTIONS, (CONT.):
WOPSA/EOS 21.48 DME AND HOLD. (DME REQUIRED)



CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	I-XSQ	ILS OR LOC/DME RWY 17, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DAK   K4010880VDTW N36023441W094115123    N36023441W094115123E0070015300     NARDRAKE
        SUSAD        RZC   K4011640VTHW N36144713W094071700    N36144713W094071700E0040013312     NARRAZORBACK
        SUSAD KXNAK4 IXSQ  K4011175 IT                    IXSQN36174164W094185989     012850     NARNORTHWEST ARKANSAS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FANAX K40    C     N36222621W094210371                    E0023     NAR          FANAX
        SUSAEAENRT   WOPSA K40    C     N36290154W094240474                    E0024     NAR          WOPSA
        SUSAEAENRT   WUVEK K40    C     N36043445W094125573                    E0022     NAR          WUVEK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4AXNA     0     088YHN36165270W094183140E004001288         1800018000C    MNAR    NORTHWEST ARKANSAS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4FI17   ARZC   010RZC  K4D 0V      IF                                          18000                  0 DS
        SUSAP KXNAK4FI17   ARZC   020WOPSAK4EA0EY      TF                              + 03100                        0 DS
        SUSAP KXNAK4FI17   ARZC   030WOPSAK4EA0EE AR   HF RZC K4      3124019715571010D  + 03100                        0 DS
        SUSAP KXNAK4FI17   I      010WOPSAK4EA0E  I    IF IXSQK4      33570138        PI J 031000300018000                0 DS
        SUSAP KXNAK4FI17   I      020FANAXK4EA0E  F    CF IXSQK4      3357006815600071PI H 0300003000        -300RZC  K4D 0 DS
        SUSAP KXNAK4FI17   I      030RW17 K4PG0GY M    CF IXSQK4      3357001615600052PI   01346             -300          0 DS
        SUSAP KXNAK4FI17   I      040          0  M     VI                    1560                                        0 DS
        SUSAP KXNAK4FI17   I      050WUVEKK4EA0EY      CF DAK K4      32940022149400201D + 03700                        0 DS
        SUSAP KXNAK4FI17   I      060WUVEKK4EA0EE  L   HM                    3294T010    + 03700                        0 DS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4GRW17    0088011557 N36173347W094185001-0300    +036450128800005819lIIXSQ1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4IIXSQ1   011175RW17 N36160252W0941808531557N36172360W0941841801005 1169040930OE00405801279

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

CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: **NORTHWEST ARKANSAS RGNL**	**I-XSQ**	**ILS OR LOC/DME RWY 17, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

QUALITY 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.

```
SUSAP KXNAK4SRZC  K4D              0   090270032252703600452536009003625                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	I-XSQ	ILS OR LOC/DME RWY 17, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RZC	RZC	010		IF		FB					
	RZC	WOPSA	020		TF		FO				AA 03100	
	RZC	WOPSA	030	IAF	HF	R	FO		155.7()	T01.0	AA 03100	
		WOPSA	010	FACF	IF		FB				AA 03100 GI 03000	
		FANAX	020	FAF	CF		FB		156.0()	007.1	GI 03000 GS 03000	
		RW17	030	MAP	CF		FO		156.0()	005.2	AT 01346	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		156.0()			
	WUVEK	050		CF		FO		149.4()	002.0	AA 03700	
	WUVEK	060		HM	L	FO		329.4()	T01.0	AA 03700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DAK	N360234.41	W0941151.23	N3602.574	W09411.854
	RZC	N361447.13	W0940717.00	N3614.786	W09407.283
	IXSQ (DME)	N361741.64	W0941859.89	N3617.694	W09418.998
	FANAX	N362226.21	W0942103.71	N3622.437	W09421.062
	WOPSA	N362901.54	W0942404.74	N3629.026	W09424.079
	WUVEK	N360434.45	W0941255.73	N3604.574	W09412.929
	RW17	N361733.47	W0941850.01	N3617.558	W09418.834
	IXSQ (LOC)	N361602.52	W0941808.53	N3616.042	W09418.142

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	01288	58



CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: **NORTHWEST ARKANSAS RGNL**	**I-XSQ**	**ILS OR LOC/DME RWY 17, ORIG** 5 MAY 2011	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BARKK/FSM 24.95 DME	DAK VOR/DME	356.86 / 14.43	3700
DAK VOR/DME (IAF)	WUVEK INT/I-XGH 13.99 DME (NOPT)	329.43 / 2.18	3700
WUVEK INT/13.99 DME (IF/IAF)	HEXET/6.89 DME	335.74 / 7.10 (I-XGH)	3000

MISSED APPROACH

ILS: DA
LOC: I-XGH 1.62 DME FIX

CLIMB TO 3100 ON HEADING 336 AND ON EOS VOR/DME R-169 TO WOPSA/EOS 21.48 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3700 ON HEADING 179 AND ON DAK VOR/DME R-329 TO WUVEK INT/DAK 2.18 DME AND HOLD SE, RT, 335.74 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 168.63 INBOUND.
CHART FAS OBST: 1347 TREE 361457N/0941746W
CHART VDP AT 2.49 DME*;
DISTANCE VDP TO THLD 0.87 MILES.
*LOC ONLY.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE WUVEK, RT, 335.74 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
3. FAC: 335.74 FAF: HEXET/6.89 DME DIST FAF TO MAP: ____ THLD: 5.27
4. MIN. ALT: WUVEK 3700, HEXET 3000, CINKO/3.22 DME 1820*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1034
6. MIN GS INCPT: 3000 GS ALT AT: HEXET 3000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 57.4
8. MSA FROM: RZC VORTAC 090-180 4500, 180-270 3600, 270-090 3200

MAG VAR: 4E EPOCH YEAR: 2000

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 35	1465	3/4	200	1465	3/4	200	1465	3/4	200	1465	3/4	200			
S-LOC 35	1600	1	335	1600	1	335	1600	1	335	1600	1	335			
CIRCLING	1740	1	452	1740	1	452	1740	1 1/2	452	1840	2	552			

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART NOTE: VDP NA WITH BENTONVILLE ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN TOWER CLOSED.

CITY AND STATE	ELEVATION: 1288 THRE: 1265 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	NORTHWEST ARKANSAS RGNL	I-XGH	ILS OR LOC/DME RWY 35, ORIG 5 MAY 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTONVILLE ALTIMETER SETTING AND INCREASE ALL DA 15 FEET AND ALL MDA 20 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	**ELEVATION: 1288** **THRE: 1265** AIRPORT NAME: **NORTHWEST ARKANSAS RGNL**	**I-XGH**	**ILS OR LOC/DME RWY 35, ORIG** 5 MAY 2011	AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DAK   K4010880VDTW N36023441W094115123    N36023441W094115123E0070015300     NARDRAKE
        SUSAD        EOS   K3011730VDH  N36503281W094260852    N36503281W094260852E0070012002     NARNEOSHO
        SUSAD        RZC   K4011640VTHW N36144713W094071700    N36144713W094071700E0040013312     NARRAZORBACK
        SUSAD KXNAK4 IXGH  K4011175 IT                    IXGHN36174164W094185989     012850     NARNORTHWEST ARKANSAS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BARKK K40    C   L N35480929W094130284                          E0023     NAR          BARKK
        SUSAEAENRT   HEXET K40    C     N36111495W094155760                          E0023     NAR          HEXET
        SUSAEAENRT   WOPSA K40    C     N36290154W094240474                          E0024     NAR          WOPSA
        SUSAEAENRT   WUVEK K40    C     N36043445W094125573                          E0022     NAR          WUVEK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4AXNA     0     088YHN36165270W094183140E004001288         1800018000C    MNAR    NORTHWEST ARKANSAS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4FI35   ABARKK 010BARKKK4EA0E       IF                                                18000                0 DS
        SUSAP KXNAK4FI35   ABARKK 020DAK  K4D 0V  A    TF                                  + 03700                            0 DS
        SUSAP KXNAK4FI35   ABARKK 030DAK  K4D 0V       FC DAK K4      000000002940002D     + 03700                            0 DS
        SUSAP KXNAK4FI35   ABARKK 040WUVEKK4EA0EE B    CF IXGHK4      155701403357002OPI   + 03700                            0 DS
        SUSAP KXNAK4FI35   AWUVEK 010WUVEKK4EA0EE AR   HF RZC K4      200201123357T010D    + 03700    18000                   0 DS
        SUSAP KXNAK4FI35   I       010WUVEKK4EA0E  I    IF IXGHK4      15570140         PI  J 037000300018000                  0 DS
        SUSAP KXNAK4FI35   I       020HEXETK4EA0E  F    CF IXGHK4      1557006933600071PI   H 0300003000        -300RZC   K4D 0 DS
        SUSAP KXNAK4FI35   I       030RW35 K4PG0GY M    CF IXGHK4      1557001633600053PI     01323             -300           0 DS
        SUSAP KXNAK4FI35   I       040          0  M    VI                   3360                                               0 DS
        SUSAP KXNAK4FI35   I       050WOPSAK4EA0EY      CF EOS K3      16860216348600020D   + 03100                            0 DS
        SUSAP KXNAK4FI35   I       060WOPSAK4EA0EE  R   HM                   1686T010     + 03100                            0 DS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4GRW35    0088013357 N36161184W094181278+0300    +035750126500005719lIIXGH1

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

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	I-XGH	ILS OR LOC/DME RWY 35, ORIG 5 MAY 2011	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 KXNAK4IIXGH1   011175RW35 N36174279W0941854273357N36162241W0941813891005 10340409300E00405701262

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KXNAK4SRZC  K4D               0   090270032252703600452536009003625                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	I-XGH	ILS OR LOC/DME RWY 35, ORIG 5 MAY 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BARKK	BARKK	010		IF		FB					
	BARKK	DAK	020	IAF	TF		FB				AA 03700	
	BARKK	DAK	030		FC		FB		329.4()	000.2	AA 03700	
	BARKK	WUVEK	040		CF		FB		335.7()	002.0	AA 03700	
	WUVEK	WUVEK	010	IAF	HF	R	FO		335.7()	T01.0	AA 03700	
		WUVEK	010	FACF	IF		FB				AA 03700 GI 03000	
		HEXET	020	FAF	CF		FB		336.0()	007.1	GI 03000 GS 03000	
		RW35	030	MAP	CF		FO		336.0()	005.3	AT 01323	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		336.0()			
	WOPSA	050		CF		FO		348.6()	002.0	AA 03100	
	WOPSA	060		HM	R	FO		168.6()	T01.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DAK	N360234.41	W0941151.23	N3602.574	W09411.854
	EOS	N365032.81	W0942608.52	N3650.547	W09426.142
	RZC	N361447.13	W0940717.00	N3614.786	W09407.283
	IXGH (DME)	N361741.64	W0941859.89	N3617.694	W09418.998
	BARKK	N354809.29	W0941302.84	N3548.155	W09413.047
	HEXET	N361114.95	W0941557.60	N3611.249	W09415.960
	WOPSA	N362901.54	W0942404.74	N3629.026	W09424.079
	WUVEK	N360434.45	W0941255.73	N3604.574	W09412.929
	RW35	N361611.84	W0941812.78	N3616.197	W09418.213
	IXGH (LOC)	N361742.79	W0941854.27	N3617.713	W09418.905

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01265	57

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: **NORTHWEST ARKANSAS RGNL**	**I-XGH**	**ILS OR LOC/DME RWY 35, ORIG** 5 MAY 2011	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
WOPSA (IF/IAF)	FANAX (FB)	155.68 / 7.10	3000
FANAX (FAF)	TENYU/2.30 NM TO RW17 (FB)	155.71 / 2.89	
TENYU/2.30 NM TO RW17	RW17 (MAP) (FO)	155.72 / 2.30	
RW17 (MAP)	1488 MSL	155.72	
1488 MSL	WUVEK (FO)		3700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 3700 DIRECT WUVEK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 335.79 INBOUND.
CHART FAS OBST: 1519 TREE 361919N/0942022W
CHART 1379 TREE 361836N/0941831W.
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.36 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 49021
REFERENCE PATH ID: W17A
LTP HAE: 364.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW WOPSA, RT, 155.68 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 155.71 FAF: FANAX DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: WOPSA 3100, FANAX 3000, TENYU/2.30 NM TO RW17 2060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: FANAX 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.6 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 4E 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	1488	3/4	200	1488	3/4	200	1488	3/4	200	1488	3/4	200			
LNAV/VNAV DA	1560	7/8	272	1560	7/8	272	1560	7/8	272	1560	7/8	272			
LNAV MDA	1780	1	492	1780	1	492	1780	1 3/8	492	1780	1 3/8	492			
CIRCLING	1780	1	492	1780	1	492	1780	1 1/2	492	1840	2	552			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 35C (95F).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTONVILLE ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ NA WHEN TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL		RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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 DA 15 FEET AND ALL MDA 20 FEET.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BENTONVILLE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	066/30 CW 246/30 (NOPT)	WOPSA (IF/IAF) (FB)	3100
2.	246/30 CW 066/30	WOPSA (IF/IAF) (FO)	3400

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	ELEVATION: 1288 THRE: 1288 AIRPORT NAME: NORTHWEST ARKANSAS RGNL	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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	KXNA
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	361733.4720N
LTP/FTP LONGITUDE	0941850.0115W
LTP/FTP ELLIPSOIDAL HEIGHT	+03645
FPAP LATITUDE	361609.7700N
FPAP LONGITUDE	0941811.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00057.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E3004658

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03926
FPAP ORTHOMETRIC HEIGHT	+03926

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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 aiport 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   FANAX K40    C     N36222621W094210371                    E0023     NAR           FANAX                    I
         SUSAEAENRT   TENYU K40    C     N36194310W094194918                    E0023     NAR           TENYU                    I
         SUSAEAENRT   WOPSA K40    C     N36290605W094240681                    E0023     NAR           WOPSA                    I
         SUSAEAENRT   WUVEK K40    C     N36043445W094125573                    E0022     NAR           WUVEK                    I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KXNAK4AXNA      0     088YHN36165473W094182452E004001288         1800018000C    MNAR    NORTHWEST ARKANSAS RGNL      I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KXNAK4FR17   AWOPSA 010WOPSAK4EA0EE AR   HF                    15570050    + 03100     18000                A JS   I
         SUSAP KXNAK4FR17   R      010WOPSAK4EA0E  I    IF                                + 03100     18000                A JS   I
         SUSAP KXNAK4FR17   R      020FANAXK4EA1E  F 051TF                    15570071    + 03000                          A JS   I
         SUSAP KXNAK4FR17   R      020FANAXK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS   I
         SUSAP KXNAK4FR17   R      021TENYUK4EA0E S  031TF                    15570029    V 0206002078        -300         A JS   I
         SUSAP KXNAK4FR17   R      030RW17 K4PG0GY M 031TF                    15570023      01346             -300         A JS   I
         SUSAP KXNAK4FR17   R      040         0  M     CA                    1557        + 01488                          A JS   I
         SUSAP KXNAK4FR17   R      050WUVEKK4EA0EY       DF                              + 03700                          A JS   I
         SUSAP KXNAK4FR17   R      060WUVEKK4EA0EE  R    HM                    33580050    + 03700                          A JS   I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KXNAK4GRW17     0088011557 N36173347W094185001-0300     +0364501288000058191I                                      I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KXNAK4PR17   RW17 001 0000W17A0N3617334720W09418500115+036450300N3616097700W094181184001067500640005 76F400350E30046 58I
         SUSAP KXNAK4PR17   RW17 002E      +03926+03926LPV       49021                                                          I
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1288	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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
WUVEK (IF/IAF)	HEXET (FB)	335.79 / 7.10	3000
HEXET *(FAF)*	CINKO/1.60 NM TO RW35 (FB)	335.76 / 3.67	
CINKO/1.60 NM TO RW35	RW35 (MAP) (FO)	335.75 / 1.60	
RW35 (MAP)	1465 MSL	335.75	
1465 MSL	WOPSA (FO)		3100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 3100 DIRECT WOPSA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 155.68 INBOUND.
CHART FAS OBST: 1399 TREE 361523N/0941815W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 0.87 MILES TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 69421
REFERENCE PATH ID: W35A
LTP HAE: 357.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE WUVEK, RT, 335.79 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
3. FAC: 335.76 FAF: HEXET DIST FAF TO MAP: 5.27 THLD: 5.27
4. MIN. ALT: WUVEK 3700, HEXET 3000, CINKO/1.60 NM TO RW35 1820*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: HEXET 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4 34:1 IS CLEAR
8. MSA FROM: ____

MAG VAR: 4E 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	1465	3/4	200	1465	3/4	200	1465	3/4	200	1465	3/4	200			
LNAV/VNAV DA	1580	1	315	1580	1	315	1580	1	315	1580	1	315			
LNAV MDA	1660	1	395	1660	1	395	1660	1 1/8	395	1660	1 1/8	395			
CIRCLING	1740	1	452	1740	1	452	1740	1 1/2	452	1840	2	552			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 35C (95F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTONVILLE ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ NA WHEN TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL		RNAV (GPS) RWY 35, ORIG 05 MAY 2011	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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NOTES, (CONT.):
INCREASE ALL DA 15 FEET AND ALL MDA 20 FEET.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BENTONVILLE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	246/30 CW 066/30 (NOPT)	246/12 CW 066/12	4500
2.	246/12 CW 066/12	WUVEK (IF/IAF) (FB)	3700
3.	066/30 CW 246/30	WUVEK (IF/IAF) (FB)	3700

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	RNAV	RNAV (GPS) RWY 35, ORIG 05 MAY 2011	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	KXNA
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	361611.8410N
LTP/FTP LONGITUDE	0941812.7795W
LTP/FTP ELLIPSOIDAL HEIGHT	+03575
FPAP LATITUDE	361735.5400N
FPAP LONGITUDE	0941850.9500W
THRESHOLD CROSSING HEIGHT (TCH)	00057.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	07377EE2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03857
FPAP ORTHOMETRIC HEIGHT	+03857

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	RNAV	RNAV (GPS) RWY 35, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CINKO K40    C     N36144165W094173168                    E0023     NAR           CINKO                    I
        SUSAEAENRT   HEXET K40    C     N36111495W094155760                    E0022     NAR           HEXET                    I
        SUSAEAENRT   WOPSA K40    C     N36290605W094240681                    E0023     NAR           WOPSA                    I
        SUSAEAENRT   WUVEK K40    C     N36043445W094125573                    E0022     NAR           WUVEK                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4AXNA     0     088YHN36165473W094182452E004001288         1800018000C    MNAR    NORTHWEST ARKANSAS RGNL       I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4FR35   AWUVEK 010WUVEKK4EA0EE AR   HF                    33580050    + 03700     18000                A JS   I
        SUSAP KXNAK4FR35   R      010WUVEKK4EA0E  I    IF                                + 03700     18000                A JS   I
        SUSAP KXNAK4FR35   R      020HEXETK4EA1E  F 051TF                    33580071    + 03000                          A JS   I
        SUSAP KXNAK4FR35   R      020HEXETK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS   I
        SUSAP KXNAK4FR35   R      021CINKOK4EA0E S  031TF                    33580037    V 0182001832        -300         A JS   I
        SUSAP KXNAK4FR35   R      030RW35 K4PG0GY M 031TF                    33580016      01323             -300         A JS   I
        SUSAP KXNAK4FR35   R      040         0  M     CA                    3358        + 01465                          A JS   I
        SUSAP KXNAK4FR35   R      050WOPSAK4EA0EY      DF                              + 03100                          A JS   I
        SUSAP KXNAK4FR35   R      060WOPSAK4EA0EE  R   HM                    15570050    + 03100                          A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4GRW35    0088013357 N36161184W094181278+0300    +0357501265000057191I                                        I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXNAK4PR35   RW35 001 0000W35A0N3616118410W09418127795+035750300N3617355400W094185095001067500640005 74F40035007377EE2I
        SUSAP KXNAK4PR35   RW35 002E      +03857+03857LPV       69421                                                          I
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1288 THRE: 1265	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAYETTEVILLE/SPRINGDALE/, AR	AIRPORT NAME: NORTHWEST ARKANSAS RGNL	RNAV	RNAV (GPS) RWY 35, ORIG 05 MAY 2011	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.
FAYETTEVILLE/SPRINGDALE/ROGERS, AR	NORTHWEST ARKANSAS REGIONAL	5 MAY 2011	3

TAKEOFF MINIMUMS:

RWY 17, 35, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 35-CLIMB HEADING 335.74 TO 1800 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 35, TREES BEGINNING 802FT FROM DER, 694FT LEFT OF CENTERLINE, UP TO 56FT AGL/1356FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 35, 1735FT MSL TOWER 361901.30N/0942104.10W, 1724FT MSL TOWER 361903.00N/0942107.00W

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.
TAYLOR, AZ	TAYLOR	05 MAY 2011	1

TAKEOFF MINIMUMS:

RWY 03: STANDARD
RWY 21: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 6100.

TEXTUAL DEPARTURE PROCEDURES:

RWY 03: CLIMB HEADING 029.79 TO 8000 BEFORE TURNING ON COURSE.
RWY 21: CLIMB HEADING 209.80 TO 8000 BEFORE TURNING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 03, VEHICLES ON ROAD BEGINNING 1823 FT FROM DER, 698 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/5726 FT MSL.
NOTE: RWY 03, POWERLINES CROSSING DEPARTURE COURSE 1000 FT FROM DER.
NOTE: RWY 21, TREES BEGINNING 1132 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 12 FT AGL/5871 FT MSL.

CONTROLLING OBSTACLES:

RWY 21: 5991 FT MSL TREE 342614.71N/1100807.42W.

REMARKS:

ATC DID NOT REQUEST CHANGE IN TEXTUAL DEPARTURE CLIMB TO 8000.

QUALITY CHECKED

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
WAGER (IF/IAF)	WIMUP (FB)	249.90 / 5.67	2600
WIMUP	GIFME (FB)	249.83 / 2.90	1700
GIFME (FAF)	RW25 (MAP) (FO)	249.79 / 5.14	
RW25 (MAP)	423 MSL	249.79	
423 MSL	WUTOB (FB)		
WUTOB	PITTS (FO)	179.89/8.45	4200

MISSED APPROACH

LNAV: RW25

CLIMB TO 4200 DIRECT WUTOB AND ON TRACK 179.89 TO PITTS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 179.89 INBOUND. (DO NOT CHART)
FAS OBST: 219 AAO 381214N/1213550W.
GIFME TO RW25: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E WAGER, RT, 249.90 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 249.79 FAF: GIFME DIST FAF TO MAP: 5.14 THLD: 5.14
4. MIN. ALT: WAGER 3100, WIMUP 2600, GIFME 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: RW25 5100

MAG VAR: 16E 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	520	1	498	520	1	498	520	1 3/8	498		NA				
CIRCLING	520	1	497	520	1	497	560	1 1/2	537		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE CONCORD ALTIMETER SETTING, WHEN NOT RECEIVED USE VACAVILLE ALTIMETER SETTING
(SEE FORM 8260-10)

COMMUNITY 5 CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 22 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RIO VISTA, CA	RIO VISTA MUNI	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG DATED 05/07/2009

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.):
AND INCREASE ALL MDA 20 FEET.
CHART PLANVIEW NOTE: NOPT FOR ARRIVALS AT WAGER ON V585 NORTHWEST BOUND.



CITY AND STATE	ELEVATION: 23 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RIO VISTA, CA	AIRPORT NAME: RIO VISTA MUNI	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 05/07/2009

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   GIFME K20    W      N38120239W121351142                    E0143     NAR           GIFME
        SUSAEAENRT   PITTS K20    C    L N38025959W121532890                    E0143     NAR           PITTS
        SUSAEAENRT   WAGER K20    C    L N38123971W121242076                    E0143     NAR           WAGER
        SUSAEAENRT   WIMUP K20    W      N38121514W121313100                    E0143     NAR           WIMUP
        SUSAEAENRT   WUTOB K20    W      N38110777W121503315                    E0143     NAR           WUTOB

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP O88 K2AO88     0     042YHN38113620W121421310E016000023          1800018000C    MNAR    RIO VISTA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP O88 K2FR25   AWAGER 010WAGERK2EA0EE AR   HF                    24990040    + 03100     18000                B JS
        SUSAP O88 K2FR25   R       010WAGERK2EA0E  I    IF                                + 03100     18000                B JS
        SUSAP O88 K2FR25   R       011WIMUPK2EA0E S  051TF                    24990057    + 02600                          B JS
        SUSAP O88 K2FR25   R       020GIFMEK2EA1E  F 051TF                    24980029    + 01700                RW25  K2PGB JS
        SUSAP O88 K2FR25   R       020GIFMEK2EA2WN          N          ALNAV                                                JS
        SUSAP O88 K2FR25   R       030RW25 K2PG0GY M 031TF                    24980051      00062           -300           B JS
        SUSAP O88 K2FR25   R       040         0  M     CA                    2498        + 00423                          B JS
        SUSAP O88 K2FR25   R       050WUTOBK2EA0E       DF                                                               B JS
        SUSAP O88 K2FR25   R       060PITTSK2EA0EB   010TF                    1799        + 04200                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP O88 K2GRW25    0042012497 N38113951W121414194+0000    -0025600022000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP O88 K2SRW25 K2PG              0   18018005125                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 23 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RIO VISTA, CA	AIRPORT NAME: RIO VISTA MUNI	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 05/07/2009

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				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 05 MAY 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 55	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SANTA ANA, CA	AIRPORT NAME: JOHN WAYNE-ORANGE COUNTY	SNANA	NDB RWY 19R, AMDT 1, 04/18/2002	AMDT ORIG
				DATE 07/20/1995

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
BARBS	KESLR (FO)	132.62 / 29.19	1700
OAKIE (IAF)	KESLR (NOPT) (FB)	353.04 / 9.66	1700
KESLR (IF/IAF)	EYORE (FB)	342.21 / 6.04	1600
EYORE (FAF)	HERLO/1.99 NM TO RW34 (FB)	342.19 / 2.79	
HERLO/1.99 NM TO RW34	RW34 (FO)	342.18 / 1.99	
RW34 (MAP)	380 MSL	342.18	
380 MSL	CEPDA (FO)		2000

MISSED APPROACH

LP: RW34
LNAV: RW34

CLIMB TO 2000 DIRECT CEPDA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 162.12 INBOUND.
CHART FAS OBST: 112 TREES 291018N/0810258W
CHART FAS OBST: 135 TOWER 291051N/0810231W
CHART 323 TOWER 290718N/0810103W.
CHART: ASR.
WAAS CHANNEL # 78221
REFERENCE PATH ID: W34A
EYORE TO RW34: 3.00/45.
LTP HAE: -18.4 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S KESLR, RT, 342.21 INBOUND, 1700 FT. IN LIEU OF PT (IAF)
3. FAC: 342.19 FAF: EYORE DIST FAF TO MAP: 4.78 THLD: 4.78
4. MIN. ALT: KESLR 1700, EYORE 1600, HERLO/1.99 NM TO RW34 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: RW34 2800

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
LP MDA	380	1	348	380	1	348	380	1	348	380	1	348			
LNAV MDA	400	1	368	400	1	368	400	1	368	400	1	368			
CIRCLING	540	1	506	540	1	506	540	1 1/2	506	620	2	586			

NOTES:
CHART NOTE: CIRCLING TO RWY 7R, 25L NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BARBS ON V267 NORTHBOUND AND AT OAKIE FOR ARRVIALS ON V3-533 SOUTHBOUND.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL		RNAV (GPS) RWY 34, AMDT 2 5 MAY 2011	AMDT: 1B
				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 airport 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	KDAB
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	291032.4185N
LTP/FTP LONGITUDE	0810256.5245W
LTP/FTP ELLIPSOIDAL HEIGHT	-00184
FPAP LATITUDE	291154.7500N
FPAP LONGITUDE	0810336.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
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)	0.0
CRC REMAINDER	AC181119

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00099
FPAP ORTHOMETRIC HEIGHT	+00099

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 34, AMDT 2 5 MAY 2011	AMDT: 1B 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 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   BARBS K70    C   B N29182684W081243152                    W0058     NAR           BARBS
        SUSAEAENRT   CEPDA K70    W     N29212692W081081118                    W0060     NAR           CEPDA
        SUSAEAENRT   EYORE K70    W     N29060733W081004946                    W0060     NAR           EYORE
        SUSAEAENRT   HERLO K70    W     N29084209W081020361                    W0060     NAR           HERLO
        SUSAEAENRT   KESLR K70    W     N29003247W080580923                    W0060     NAR           KESLR
        SUSAEAENRT   OAKIE K70    C   L N28510426W080555235                    W0060     NAR           OAKIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7ADAB     0     105YHN29104770W081032900W005000034         1800018000C    MNAR    DAYTONA BEACH INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7FR34   ABARBS 010BARBSK7EA0E       IF                                          18000                A JS
        SUSAP KDABK7FR34   ABARBS 020KESLRK7EA0EY   020TF                    13260292    + 01700                      A JS
        SUSAP KDABK7FR34   ABARBS 030KESLRK7EA0EE AR   HF                    34220040    + 01700                      A JS
        SUSAP KDABK7FR34   AOAKIE 010OAKIEK7EA0E  A    IF                                          18000                A JS
        SUSAP KDABK7FR34   AOAKIE 020KESLRK7EA0EE B 010TF                    35300097    + 01700                      A JS
        SUSAP KDABK7FR34   R      010KESLRK7EA0E  I    IF                                + 01700     18000            A JS
        SUSAP KDABK7FR34   R      020EYOREK7EA1E  F 051TF                    34220060    + 01600                RW34  K7PGA JS
        SUSAP KDABK7FR34   R      020EYOREK7EA2WALP        N          ALNAV                                             JS
        SUSAP KDABK7FR34   R      021HERLOK7EA0E S  031TF                    34220028    V 0070000711       -300          A JS
        SUSAP KDABK7FR34   R      030RW34 K7PG0GY M 031TF                    34220020      00077            -300          A JS
        SUSAP KDABK7FR34   R      040          0  M     CA                   3422        + 00380                      A JS
        SUSAP KDABK7FR34   R      050CEPDAK7EA0EY       DF                                + 02000                      A JS
        SUSAP KDABK7FR34   R      060CEPDAK7EA0EE  L    HM                    16210040    + 02000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7GRW34    0060013422 N29103242W081025652+0000     -0018400032000045150R
```

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 34, AMDT 2 5 MAY 2011	AMDT: 1B
				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 aport 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  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KDABK7PR34    RW34 001 0000W34A0N2910324185W08102565245-00184030ON2911547500W08103360200106750920000450F400000AC181119
    SUSAP KDABK7PR34    RW34 002E       +00099+00099LP        78221

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KDABK7SRW34 K7PG              0   18018002825                                                                    M
```

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 34, AMDT 2 5 MAY 2011	AMDT: 1B DATED: 09/25/2008

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
TOCOB (IAF)	WELUP (NOPT) (FB)	274.24 / 6.00	3000
SAKGO (IAF)	WELUP (NOPT) (FB)	094.14 / 6.00	3000
WELUP (IF/IAF)	IGDUF (FB)	184.19 / 6.16	1900
IGDUF (FAF)	JIGBO/2.60 NM TO RW18 (FB)	184.19 / 2.34	
JIGBO/2.60 NM TO RW18	RW18 (MAP) (FO)	184.19 / 2.60	
RW18 (MAP)	360 MSL	184.19	
360 MSL	COLUD (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT COLUD AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 081.00 INBOUND.
CHART FAS OBST: 227 TWR 280203N/0822136W
DISTANCE TO THLD FROM 342 HAT: 0.80 NM.
WAAS CHANNEL # 99520
REFERENCE PATH ID: W18A
LTP HAE: -19.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N WELUP, LT, 184.19 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 184.19 FAF: IGDUF DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: WELUP 3000, IGDUF 1900, JIGBO/2.60 NM TO RW18 1020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: IGDUF 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.50 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 4W 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	360	1	342	360	1	342		NA			NA				
LNAV/VNAV DA	550	1 5/8	532	550	1 5/8	532		NA			NA				
LNAV MDA	580	1	562	580	1	562		NA			NA				
CIRCLING	580	1	558	760	1	738		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING TAMPA INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHECKED

CITY AND STATE	ELEVATION: 22 THRE: 18 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TAMPA, FL	TAMPA EXECUTIVE	RNAV	RNAV (GPS) RWY 18, AMDT 1 5 MAY 2011	AMDT: ORIG DATED 06/03/2010

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 airport 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.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 385, LNAV/VNAV DA TO 575, INCREASE ALL MDA 40 FEET; INCREASE LNAV/VNAV VISIBILITY CATS A/B 5/8 MILE.

TAA

	FROM	TO	ALT
1.	094/30 CW 274/30 (NOPT)	WELUP (IF/IAF) (FB)	3000
2.	274/30 CW 004/30	TOCOB (IAF) (FB)	3000
3.	004/30 CW 094/30	SAKGO (IAF) (FB)	3000

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	KVDF
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	280048.3330N
LTP/FTP LONGITUDE	0822058.4335W
LTP/FTP ELLIPSOIDAL HEIGHT	-00198
FPAP LATITUDE	275918.9900N
FPAP LONGITUDE	0822058.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1B365742

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00055
FPAP ORTHOMETRIC HEIGHT	+00055

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.

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   COLUD K70    W     N27565031W082205932                      W0049     NAR           COLUD
        SUSAEAENRT   IGDUF K70    W     N28054570W082205732                      W0049     NAR           IGDUF
        SUSAEAENRT   JIGBO K70    W     N28032475W082205785                      W0049     NAR           JIGBO
        SUSAEAENRT   SAKGO K70    W     N28115755W082274337                      W0049     NAR           SAKGO
        SUSAEAENRT   TOCOB K70    W     N28115515W082140849                      W0050     NAR           TOCOB
        SUSAEAENRT   WELUP K70    W     N28115652W082205593                      W0050     NAR           WELUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVDFK7AVDF     0     050YHN28005030W082204300W004000022         1800018000C    MNAR    TAMPA EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVDFK7FR18   ASAKGO 010SAKGOK7EA0E  A    IF                                          18000                A JS
        SUSAP KVDFK7FR18   ASAKGO 020WELUPK7EA0EE B 010TF                    09410060    + 03000                      A JS
        SUSAP KVDFK7FR18   ATOCOB 010TOCOBK7EA0E  A    IF                                          18000                A JS
        SUSAP KVDFK7FR18   ATOCOB 020WELUPK7EA0EE B 010TF                    27420060    + 03000                      A JS
        SUSAP KVDFK7FR18   AWELUP 010WELUPK7EA0EE AL   HF                    18420040    + 03000     18000            A JS
        SUSAP KVDFK7FR18   R      010WELUPK7EA0E  I    IF                                + 03000     18000            A JS
        SUSAP KVDFK7FR18   R      020IGDUFK7EA1E  F 051TF                    18420062    + 01900                      A JS
        SUSAP KVDFK7FR18   R      020IGDUFK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KVDFK7FR18   R      021JIGBOK7EA0E S  031TF                    18420023    V 0102001029       -350   A JS
        SUSAP KVDFK7FR18   R      030RW18 K7PG0GY M 031TF                    18420026      00063            -350   A JS
        SUSAP KVDFK7FR18   R      040          0  M  010CA                   1842        + 00360                      A JS
        SUSAP KVDFK7FR18   R      050COLUDK7EA0EY   010DF                               + 03000                      A JS
        SUSAP KVDFK7FR18   R      060COLUDK7EA0EE  R020HM                    08100040    + 03000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVDFK7GRW18    0032591842 N28004833W082205843+0000    -0019800018004045075R
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CITY AND STATE	ELEVATION: 22 THRE: 18	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TAMPA, FL	AIRPORT NAME: TAMPA EXECUTIVE	RNAV	RNAV (GPS) RWY 18, AMDT 1 5 MAY 2011	AMDT: ORIG DATED: 06/03/2010

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.

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            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KVDFK7PR18    RW18 001 0000W18A0N2800483330W08220584335-001980350N2759189900W082205876001067517680004 50F4005001B365742
        SUSAP KVDFK7PR18    RW18 002E      +00055+00055LPV       99520
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CITY AND STATE	ELEVATION: 22 THRE: 18	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TAMPA, FL	AIRPORT NAME: TAMPA EXECUTIVE	RNAV	RNAV (GPS) RWY 18, AMDT 1 5 MAY 2011	AMDT: ORIG DATED: 06/03/2010

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
DLUTH/ATL 30.00 DME (IAF)	OVPEW INT/RADAR	220.00 / 5.11 (HDG) & 272.77 / 4.08 (I-RYY)	3000
OVPEW INT/RADAR (IF)	AKONE INT/RADAR	272.77 / 6.37 (I-RYY)	3000

MISSED APPROACH

ILS: DA
LOC: 6.14 MILES AFTER AKONE INT/RADAR

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 050 AND ATL VORTAC R-346 TO FENTS INT/RMG 26.24 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 089.99 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW FENTS INT/PDK 22.19 DME, RT, 140.77 INBOUND.
CHART FAS OBST: 1199 TREES 340032N/0843242W
FAS OBST: 1379 AAO 340132N/0842756W
CHART (YACIB) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OVPEW
3. FAC: 272.77 FAF: AKONE INT/RADAR DIST FAF TO MAP: 6.14 THLD: 6.14
4. MIN. ALT: OVPEW 3000, AKONE 3000, CUMAV INT 1700*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 930
6. MIN GS INCPT: 3000 GS ALT AT: AKONE 3000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 45.5
8. MSA FROM: ATL VORTAC 3100

MAG VAR: 4W EPOCH YEAR: 2005

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 27	1198	3/4	200	1198	3/4	200	1198	3/4	200	1198	3/4	200			
S-LOC 27	1700	1	702	1700	1	702	1700	2	702	1700	2	702			
CIRCLING	1780	1	740	1780	1	740	1780	2	740	2220	3	1180			
CUMAV FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-LOC 27	1460	1	462	1460	1	462	1460	1 3/8	462	1460	1 3/8	462			
CIRCLING	1780	1	740	1780	1	740	1780	2	740	2220	3	1180			

NOTES:
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2100.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
*LOC ONLY
CHART NOTE: WHEN CONTROL TOWER CLOSED GS UNUSABLE.
(SEE FORM 8260-10)

CAT D 1200-3
@ CAT D 1200-3
# @ NA WHEN CONTROL TOWER CLOSED.
# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	I-RYY	ILS OR LOC RWY 27, AMDT 4 5 MAY 2011	AMDT: 3 DATED 03/12/2009

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.

MISSED APPROACH INSTRUCTIONS, (CONT.):
4200 ON HEADING 050 AND PDK VOR/DME R-321 TO FENTS INT/PDK 22.19 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET; INCREASE S-ILS 27 ALL CATS AND CUMAV FIX MINIMUMS S-LOC 27 CATS C AND D VISIBILITY 1/8 MILE; INCREASE S-LOC 27 CAT B, CIRCLING CAT C, AND CUMAV FIX MINIMUMS CIRCLING CAT C VISIBILIY 1/4 MILE; AND INCREASE S-LOC 27 CATS C AND D VISIBILITY 1/2 MILE.

CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: **COBB COUNTY-MC COLLUM FIELD**	**I-RYY**	**ILS OR LOC RWY 27, AMDT 4** 5 MAY 2011	AMDT: **3**
				DATED: **03/12/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ATL   K7011690VTH  N33374466W084260626    N33374268W084260626E0000010002     NARATLANTA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AKONE K70    C     N34005574W084274867                    W0046     NAR           AKONE
        SUSAEAENRT   DLUTH K70    C     N34051552W084113648                    W0048     NAR           DLUTH
        SUSAEAENRT   FENTS K70    R     N34091394W084353292                    W0045     NAR           FENTS
        SUSAEAENRT   OVPEW K70    C     N34010326W084200912                    W0046     NAR           OVPEW
        SUSAEAENRT   YACIB K70    W     N34010786W084151253                    W0047     NAR           CNF(YACIB)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7ARYY     0     063YHN34004750W084354920W004001040        1800018000C    MNAR    COBB COUNTY-MC COLLUM FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7FI27   ADLUTH 010DLUTHK7EA0E  A    IF                                          18000                  0 NS
        SUSAP KRYYK7FI27   ADLUTH 020YACIBK7EA0E       TF                                  + 03000                      0 NS
        SUSAP KRYYK7FI27   ADLUTH 030OVPEWK7EA0EE B    CF IRYYK7      09280136627280041PI  + 03000                      0 NS
        SUSAP KRYYK7FI27   I       010OVPEWK7EA0E  I    IF IRYYK7      09280136        PI  J 030000300018000            0 NS
        SUSAP KRYYK7FI27   I       020AKONEK7EA0E  F    CF IRYYK7      09280072273000 64PI  H 0300003000       -300ATL   K7D 0 NS
        SUSAP KRYYK7FI27   I       030RW27 K7PG0GY M    CF IRYYK7      09280011273000 61PI    01044            -300          0 NS
        SUSAP KRYYK7FI27   I       040          0  M     CA                      2728        + 01600                      0 NS
        SUSAP KRYYK7FI27   I       050          0     R  VIY                     0500                                     0 NS
        SUSAP KRYYK7FI27   I       060FENTSK7EA0EY       CF ATL K7      34600324346000 40D   + 04000                      0 NS
        SUSAP KRYYK7FI27   I       070FENTSK7EA0EE  R    HM                      0900T010     + 04000                      0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7GRW27     0063112728 N34004804W084351192+0700     +027490099800004610 0IIRYY1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7IIRYY1    011190RW27 N34004666W0843628162728N34004522W0843522900108 09300533300W00404600995

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1040** THRE: **998**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: **COBB COUNTY-MC COLLUM FIELD**	**I-RYY**	**ILS OR LOC RWY 27, AMDT 4** 5 MAY 2011	AMDT: **3**
				DATED: **03/12/2009**

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.

```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7SATL  K7D              0   18018003125                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	I-RYY	ILS OR LOC RWY 27, AMDT 4 5 MAY 2011	AMDT: 3 DATED: 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DLUTH	DLUTH	010	IAF	IF		FB					
	DLUTH	YACIB	020		TF		FB				AA 03000	
	DLUTH	OVPEW	030		CF		FB		272.8()	004.1	AA 03000	
		OVPEW	010	FACF	IF		FB				AA 03000 GI 03000	
		AKONE	020	FAF	CF		FB		273.0()	006.4	GI 03000 GS 03000	
		RW27	030	MAP	CF		FO		273.0()	006.1	AT 01044	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		272.8()		AA 01600	
		050		VI	R	FB		050.0()			
	FENTS	060		CF		FO		346.0()	004.0	AA 04000	
	FENTS	070		HM	R	FO		090.0()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ATL	N333744.66	W0842606.26	N3337.744	W08426.104
	AKONE	N340055.74	W0842748.67	N3400.929	W08427.811
	DLUTH	N340515.52	W0841136.48	N3405.259	W08411.608
	FENTS	N340913.94	W0843532.92	N3409.232	W08435.549
	OVPEW	N340103.26	W0842009.12	N3401.054	W08420.152
	YACIB	N340107.86	W0841512.53	N3401.131	W08415.209
	RW27	N340048.04	W0843511.92	N3400.801	W08435.199
	IRYY (LOC)	N340046.66	W0843628.16	N3400.778	W08436.469

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00998	46

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1040** THRE: **998**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: **COBB COUNTY-MC COLLUM FIELD**	**I-RYY**	**ILS OR LOC RWY 27, AMDT 4** 5 MAY 2011	AMDT: **3**
				DATED: **03/12/2009**

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
NELLO	EDOSY (FB)	175.80 / 12.58	5000
EDOSY	EKACU (FB)	165.19 / 12.14	3000
EKACU (IAF)	OVPEW (NOPT) (FB)	202.93 / 5.20	3000
LOGEN (IAF)	OVPEW (NOPT) (FB)	281.32 / 14.03	3000
OVPEW (IF/IAF)	AKONE (FB)	272.91 / 6.37	3000
AKONE (FAF)	CUMAV/2.10 NM TO RW27 (FB)	272.84 / 4.04	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 3000 DIRECT UPHAH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 092.63 INBOUND.
CHART FAS OBST: 1133 SIGN 340038N/0843357W
CHART FAS OBST: 1319 TREES 340016N/0843347W
CHART: 1560 TOWER 340221N/0842740W
DISTANCE TO THLD FROM 200 HATH: 0.48 NM.
WAAS CHANNEL # 97308
REFERENCE PATH ID: W27A
LTP HAE: 274.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E OVPEW, RT, 272.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 272.84 FAF: AKONE DIST FAF TO MAP: 6.14 THLD: 6.14
4. MIN. ALT: OVPEW 3000, AKONE 3000, CUMAV/2.10 NM TO RW27 1700*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: AKONE 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.5 34:1 IS CLEAR
8. MSA FROM: RW27 4200

MAG VAR: 4W EPOCH YEAR: 2005

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	1198	3/4	200	1198	3/4	200	1198	3/4	200	1198	3/4	200			
LNAV/VNAV DA	1561	1 7/8	563	1561	1 7/8	563	1561	1 7/8	563	1561	1 7/8	563			
LNAV MDA	1580	1	582	1580	1	582	1580	1 3/4	582	1580	1 3/4	582			
CIRCLING	1780	1	740	1780	1	740	1780	2	740	2220	3	1180			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 37C (98F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
(SEE FORM 8260-10)
@ CAT D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1040 THRE: 998 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	COBB COUNTY-MC COLLUM FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 4 5 MAY 2011	AMDT: 3 DATED 03/12/2009

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
CUMAV/2.10 NM TO RW27	RW27 (MAP) (FO)	272.80 / 2.10	
RW27 (MAP)	1198 MSL	272.80	
1198 MSL	UPHAH (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NELLO ON V97 NORTHBOUND, V415-417 NORTHEAST BOUND, AND V5-311-417 WESTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE; INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.

CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 4 5 MAY 2011	AMDT: 3 DATED: 03/12/2009

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	KRYY
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	340048.0400N
LTP/FTP LONGITUDE	0843511.9200W
LTP/FTP ELLIPSOIDAL HEIGHT	+02749
FPAP LATITUDE	340046.1100N
FPAP LONGITUDE	0843659.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00045.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	91.25
LENGTH OFFSET	0824
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	A52272D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03043
FPAP ORTHOMETRIC HEIGHT	+03043

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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   AKONE K70    C      N34005574W084274867                    W0045    NAR          AKONE
        SUSAEAENRT   CUMAV K70    C      N34005072W084324038                    W0044    NAR          CUMAV
        SUSAEAENRT   EDOSY K70    W      N34172988W084225021                    W0046    NAR          EDOSY
        SUSAEAENRT   EKACU K70    W      N34055893W084180736                    W0046    NAR          EKACU
        SUSAEAENRT   LOGEN K70    C    L N33591698W084032443                    W0048    NAR          LOGEN
        SUSAEAENRT   NELLO K70    R    L N34295843W084250024                    W0046    NAR          NELLO
        SUSAEAENRT   OVPEW K70    C      N34010326W084200912                    W0046    NAR          OVPEW
        SUSAEAENRT   UPHAH K70    W      N34003110W084500823                    W0042    NAR          UPHAH

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7ARYY     0     063YHN34004750W084354920W004001040         1800018000C    MNAR    COBB COUNTY-MC COLLUM FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRYYK7FR27   ALOGEN 010LOGENK7EA0E  A    IF                                          18000                A JS
        SUSAP KRYYK7FR27   ALOGEN 020OVPEWK7EA0EE B 010TF                    28130140    + 03000                       A JS
        SUSAP KRYYK7FR27   ANELLO 010NELLOK7EA0E       IF                                          18000                A JS
        SUSAP KRYYK7FR27   ANELLO 020EDOSYK7EA0E    020TF                    17580126    + 05000                       A JS
        SUSAP KRYYK7FR27   ANELLO 030EKACUK7EA0E  A 020TF                    16520121    + 03000                       A JS
        SUSAP KRYYK7FR27   ANELLO 040OVPEWK7EA0EE B 010TF                    20290052    + 03000                       A JS
        SUSAP KRYYK7FR27   AOVPEW 010OVPEWK7EA0EE AR   HF                    27290040    + 03000     18000             A JS
        SUSAP KRYYK7FR27   R       010OVPEWK7EA0E  I    IF                               + 03000     18000             A JS
        SUSAP KRYYK7FR27   R       020AKONEK7EA1E  F 051TF                    27290064    + 03000           RW27  K7PGA JS
        SUSAP KRYYK7FR27   R       020AKONEK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KRYYK7FR27   R       021CUMAVK7EA0E S  031TF                    27280040    V 0170001712        -300  A JS
        SUSAP KRYYK7FR27   R       030RW27 K7PG0GY M 031TF                    27280021      01044             -300  A JS
        SUSAP KRYYK7FR27   R       040          0  M  010CA                    2728        + 01198                   A JS
        SUSAP KRYYK7FR27   R       050UPHAHK7EA0EY    010DF                               + 03000                   A JS
        SUSAP KRYYK7FR27   R       060UPHAHK7EA0EE  L020HM                    09260040    + 03000                   A JS
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CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 4 5 MAY 2011	AMDT: 3
				DATED: 03/12/2009

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```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRYYK7GRW27     0063112728 N34004804W084351192+0700     +0274900998000046100I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRYYK7PR27    RW27 001 0000W27A0N3400480400W08435119200+027490300N3400461100W0843659080009125082400045 5F400350A52272D0
       SUSAP KRYYK7PR27    RW27 002E       +03043+03043LPV        97308

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRYYK7SRW27 K7PG                0   18018004225                                                                  M
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CITY AND STATE	ELEVATION: 1040 THRE: 998	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: COBB COUNTY-MC COLLUM FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 4 5 MAY 2011	AMDT: 3 DATED: 03/12/2009

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
VNA VORTAC	HIGEN (FB)	351.11 / 8.56	2100
HIGEN (IAF)	COSSA (NOPT) (FB)	016.91 / 5.90	2100
MCN VORTAC (IAF)	COSSA (NOPT) (FB)	156.38 / 16.22	2100
COSSA (IF/IAF)	WEKED (FB)	106.93 / 6.74	1900
WEKED (FAF)	JATAV/2.30 NM TO RW11 (FB)	107.00 / 2.31	
JATAV/2.30 NM TO RW11	RW11 (MAP) (FO)	107.03 / 2.30	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2100 DIRECT VNA VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W COSSA, LT, 106.93 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 107.00 FAF: WEKED DIST FAF TO MAP: 4.61 THLD: 4.61
4. MIN. ALT: COSSA 2100, WEKED 1900, JATAV/2.30 NM TO RW11 1160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: WEKED 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM: RW11 2600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 090.00 INBOUND.
CHART FAS OBST: 495 TOWER 322350N/0831820W
CHART FAS OBST: 569 TREE 322425N/0831931W
DISTANCE TO THLD FROM 301 HATH: 0.77 NM.
WAAS CHANNEL # 82521
REFERENCE PATH ID: W11A
CHART DUBLIN AWOS-3
LTP HAE: 87.4 M

MAG VAR: 3W 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	678	1	301	678	1	301	678	1	301		NA				
LNAV/VNAV DA	746	1 1/4	369	746	1 1/4	369	746	1 1/4	369		NA				
LNAV MDA	880	1	503	880	1	503	880	1 3/8	503		NA				
CIRCLING	900	1	523	900	1	523	900	1 1/2	523		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 3 ORIG

CITY AND STATE	ELEVATION: 377 THRE: 377 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COCHRAN, GA	COCHRAN	RNAV	RNAV (GPS) RWY 11, AMDT 1 5 MAY 2011	AMDT: ORIG DATED 11/19/2009

FAA FORM 8260 - 3 / 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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW11 (MAP)	900 MSL	107.03	900
900 MSL	VNA VORTAC (FO)		2100

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: USE DUBLIN ALTIMETER SETTING; WHEN NOT RECEIVED, USE MIDDLE GEORGIA RGNL ALTIMETER SETTING AND INCREASE LPV DA TO 690, LNAV/VNAV DA TO 758 AND ALL MDA 20 FEET; INCREASE LNAV CAT C VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 11 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MCN VORTAC AIRWAY RADIALS 099 CW 239.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VNA VORTAC AIRWAY RADIALS 259 CW 065.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 377 THRE: 377	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COCHRAN, GA	AIRPORT NAME: COCHRAN	RNAV	RNAV (GPS) RWY 11, AMDT 1 5 MAY 2011	AMDT: ORIG DATED: 11/19/2009

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	48A
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	322411.0650N
LTP/FTP LONGITUDE	0831713.6690W
LTP/FTP ELLIPSOIDAL HEIGHT	+00874
FPAP LATITUDE	322349.3800N
FPAP LONGITUDE	0831531.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B20199BF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01150
FPAP ORTHOMETRIC HEIGHT	+01150

QUALITY CHECKED

CITY AND STATE	ELEVATION: 377 THRE: 377	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COCHRAN, GA	AIRPORT NAME: COCHRAN	RNAV	RNAV (GPS) RWY 11, AMDT 1 5 MAY 2011	AMDT: ORIG
				DATED: 11/19/2009

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 48A K7GRW11    0044011071 N32241107W083171367-1000    +00874003770000540 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 48A K7PR11   RW11 001 0000W11A0N3224110650W08317136690+008740300N3223493800W083153158001067514080005 40F400500B20199BF
        SUSAP 48A K7PR11   RW11 002E      +01150+01150LPV       82521

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 48A K7SRW11 K7PG               0   18018002625                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 377 THRE: 377	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COCHRAN, GA	AIRPORT NAME: COCHRAN	RNAV	RNAV (GPS) RWY 11, AMDT 1	AMDT: ORIG
			5 MAY 2011	DATED: 11/19/2009

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
RIPPI	CACAG (FB)	083.71 / 9.69	2900
SINCA	CACAG (FB)	115.49 / 24.49	2900
BEYLO	DACAK (FB)	135.31 / 8.80	2900
MISTY	DACAK (FB)	255.26 / 6.24	2900
CACAG (IAF)	BEYVA (NOPT) (FB)	035.29 / 9.50	2900
DACAK (IAF)	BEYVA (NOPT) (FB)	215.39 / 9.50	2900
BEYVA (IF/IAF)	AYORU (FB)	125.34 / 7.09	2100
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2900 DIRECT BEYVA AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 589 TREE 325850N/0825321W
CHART BULLDOG A & B MOA.
DISTANCE TO THLD FROM 250 HATH: 0.68 NM.
WAAS CHANNEL # 77721
REFERENCE PATH ID: W13A
LTP HAE: 95.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW BEYVA, RT, 125.34 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 125.40 FAF: AYORU DIST FAF TO MAP: 5.21 THLD: 5.21
4. MIN. ALT: BEYVA 2900, AYORU 2100, ZUBMO/2.60 NM TO RW13 1260'
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: AYORU 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 35.0 34:1 IS NOT CLEAR
8. MSA FROM: RW13 2400

MAG VAR: 5W EPOCH YEAR: 2005

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	668	1	261	668	1	261	668	1	261		NA				
LNAV/VNAV DA	657	1	250	657	1	250	657	1	250		NA				
LNAV MDA	840	1	433	840	1	433	840	1 1/4	433		NA				
CIRCLING	1000	1	562	1000	1	562	1120	2	682		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SWAINSBORO ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 407 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
SANDERSVILLE, GA	KAOLIN FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 2 5 MAY 2011	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 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
AYORU (FAF)	ZUBMO/2.60 NM TO RW13 (FB)	125.40 / 2.61	
ZUBMO/2.60 NM TO RW13	RW13 (MAP) (FO)	125.42 / 2.60	
RW13 (MAP)	1100 MSL	125.42	1100
1100 MSL	BEYVA (FO)		2900

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RIPPI ON V179 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SINCA ON V35 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEYLO ON V5-51-267 NORTHBOUND AND V155 SOUTHWEST BOUND.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SWAINSBORO ALTIMETER SETTING AND INCREASE LPV DA ALL CATS TO 757, LNAV/VNAV DA ALL CATS TO 746, AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 407	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 2 5 MAY 2011	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	KOKZ
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	325812.7385N
LTP/FTP LONGITUDE	0825042.7850W
LTP/FTP ELLIPSOIDAL HEIGHT	+00958
FPAP LATITUDE	325727.4900N
FPAP LONGITUDE	0824911.5000W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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	5C22D061

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01240
FPAP ORTHOMETRIC HEIGHT	+01240

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 407	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 2 5 MAY 2011	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)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAEAENRT   AYORU K70    W      N33005125W082560307                      W0068     NAR           AYORU
   SUSAEAENRT   BEYLO K70    C    B N33182190W083053633                      W0053     NAR           BEYLO
   SUSAEAENRT   BEYVA K70    W      N33042684W083031990                      W0053     NAR           BEYVA
   SUSAEAENRT   CACAG K70    W      N32561382W083090201                      W0052     NAR           CACAG
   SUSAEAENRT   DACAK K70    W      N33123959W082573673                      W0054     NAR           DACAK
   SUSAEAENRT   MISTY K70    C    L N33144649W082503662                      W0055     NAR           MISTY
   SUSAEAENRT   RIPPI K70    C    L N32542025W083201952                      W0051     NAR           RIPPI
   SUSAEAENRT   SINCA K70    C    B N33045228W083361752                      W0049     NAR           SINCA
   SUSAEAENRT   ZUBMO K70    W      N32593192W082532268                      W0054     NAR           ZUBMO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KOKZK7AOKZ     0     050YHN32580020W082501740W005000438         1800018000C    MNAR    KAOLIN FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KOKZK7FR13   ABEYLO 010BEYLOK7EA0E       IF                                          18000                A JS
   SUSAP KOKZK7FR13   ABEYLO 020DACAKK7EA0E  A 020TF                    13530088    + 02900                       A JS
   SUSAP KOKZK7FR13   ABEYLO 030BEYVAK7EA0EE B 010TF                    21540095    + 02900                       A JS
   SUSAP KOKZK7FR13   ABEYVA 010BEYVAK7EA0EE AR   HF                    12530040    + 02900     18000             A JS
   SUSAP KOKZK7FR13   AMISTY 010MISTYK7EA0E       IF                                          18000                A JS
   SUSAP KOKZK7FR13   AMISTY 020DACAKK7EA0E  A 020TF                    25530062    + 02900                       A JS
   SUSAP KOKZK7FR13   AMISTY 030BEYVAK7EA0EE B 010TF                    21540095    + 02900                       A JS
   SUSAP KOKZK7FR13   ARIPPI 010RIPPIK7EA0E       IF                                          18000                A JS
   SUSAP KOKZK7FR13   ARIPPI 020CACAGK7EA0E  A 020TF                    08370097    + 02900                       A JS
   SUSAP KOKZK7FR13   ARIPPI 030BEYVAK7EA0EE B 010TF                    03530095    + 02900                       A JS
   SUSAP KOKZK7FR13   ASINCA 010SINCAK7EA0E       IF                                          18000                A JS
   SUSAP KOKZK7FR13   ASINCA 020CACAGK7EA0E  A 020TF                    11550245    + 02900                       A JS
   SUSAP KOKZK7FR13   ASINCA 030BEYVAK7EA0EE B 010TF                    03530095    + 02900                       A JS
   SUSAP KOKZK7FR13   R      010BEYVAK7EA0E  I    IF                                 + 02900     18000             A JS
   SUSAP KOKZK7FR13   R      020AYORUK7EA1E  F 051TF                    12530071    + 02100                 RW13  K7PGA JS
   SUSAP KOKZK7FR13   R      020AYORUK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
   SUSAP KOKZK7FR13   R      021ZUBMOK7EA0E S  031TF                    12540026    V 0126001270        -300          A JS
   SUSAP KOKZK7FR13   R      030RW13 K7PG0GY M 031TF                    12540026      00442             -300          A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 407	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 12/20/2007

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7FR13   R      040         0  M     CA                    1254        + 01100                          A JS
        SUSAP KOKZK7FR13   R      050BEYVAK7EA0EY  L   DF                                + 02900                          A JS
        SUSAP KOKZK7FR13   R      060BEYVAK7EA0EE  R   HM                    12530040    + 02900                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7GRW13    0050161255 N32581274W082504279+0600    +00958004070000035075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7PR13   RW13 001 0000W13A0N3258127385W08250427850+009580300N3257274900W0824911500010675122400035OF4005005C22D061
        SUSAP KOKZK7PR13   RW13 002E      +01240+01240LPV       77721

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7SRW13 K7PG               0   18018002425                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 407	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 2 5 MAY 2011	AMDT: 1 DATED: 12/20/2007

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
HARLE	FODMO (FB)	170.84 / 24.06	3000
RIPPI	ERECU (FB)	113.19 / 33.32	3000
DBN VORTAC	ERECU (FB)	035.55 / 11.61	3000
FODMO (IAF)	CUTUN (NOPT) (FB)	215.61 / 9.00	3000
ERECU (IAF)	CUTUN (NOPT) (FB)	035.51 / 9.00	3000
CUTUN (IF/IAF)	DICVA (FB)	305.56 / 7.10	2100
DICVA (FAF)	RW31 (MAP) (FO)	305.50 / 5.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

CLIMB TO 2900 DIRECT BEYVA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE CUTUN, RT, 305.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 305.50 FAF: DICVA DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: CUTUN 3000, DICVA 2100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: DICVA 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 38.0 34:1 IS NOT CLEAR
8. MSA FROM: RW31 2400

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 125.34 INBOUND.
CHART FAS OBST: 650 STACK 325801N/0824921W
CHART FAS OBST: 713 TOWER 325632N/0824804W
CHART BULLDOG A & B MOA.
DISTANCE TO THLD FROM 325 HATH: 0.90 NM.
CHART VDP AT 1.32 MILES TO RW31*
*LNAV ONLY.
WAAS CHANNEL # 72721
REFERENCE PATH ID: W31A
LTP HAE: 104.8 M

MAG VAR: 5W EPOCH YEAR: 2005

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	762	1 1/8	325	762	1 1/8	325	762	1 1/8	325		NA				
LNAV/VNAV DA	850	1 3/8	413	850	1 3/8	413	850	1 3/8	413		NA				
LNAV MDA	980	1	543	980	1	543	980	1 5/8	543		NA				
CIRCLING	1000	1	562	1000	1	562	1120	2	682		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HARLE ON V56 NORTHEAST BOUND.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 437 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SANDERSVILLE, GA	KAOLIN FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 2 5 MAY 2011	AMDT: 1 DATED 12/20/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW31 (MAP)	762 MSL	305.50	
762 MSL	BEYVA (FO)		2900

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DBN VORTAC AIRWAY RADIALS 314 CW 110.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RIPPI ON V56 SOUTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SWAINSBORO ALTIMETER SETTING AND INCREASE LPV DA TO 851, LNAV/VNAV DA TO 939, AND ALL MDA 100 FEET; INCREASE LPV ALL CATS, LNAV CAT C, AND CIRCLING CAT C VISIBILITY 1/4 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING SWAINSBORO ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 437	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 2 5 MAY 2011	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	KOKZ
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	325747.5925N
LTP/FTP LONGITUDE	0824952.0375W
LTP/FTP ELLIPSOIDAL HEIGHT	+01048
FPAP LATITUDE	325832.8200N
FPAP LONGITUDE	0825123.3500W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
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	AECD59C4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01330
FPAP ORTHOMETRIC HEIGHT	+01330

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 437	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 2 5 MAY 2011	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)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DBN    K7011310VTL  N32334837W082494804    N32334837W082494804W0050002651     NARDUBLIN

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEYVA K70    W     N33042684W083031990                    W0053     NAR          BEYVA
        SUSAEAENRT   CUTUN K70    W     N32513527W082372289                    W0056     NAR          CUTUN
        SUSAEAENRT   DICVA K70    W     N32551197W082443839                    W0055     NAR          DICVA
        SUSAEAENRT   ERECU K70    W     N32434924W082424836                    W0055     NAR          ERECU
        SUSAEAENRT   FODMO K70    W     N32592105W082315647                    W0057     NAR          FODMO
        SUSAEAENRT   HARLE K70    C   L N33224355W082385625                    W0057     NAR          HARLE
        SUSAEAENRT   RIPPI K70    C   L N32542025W083201952                    W0051     NAR          RIPPI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7AOKZ     0     050YHN32580020W082501740W005000438         1800018000C    MNAR    KAOLIN FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7FR31   ACUTUN 010CUTUNK7EA0EE AR   HF                    30560040    + 03000     18000                A JS
        SUSAP KOKZK7FR31   ADBN   010DBN  K7D 0V       IF                                          18000                A JS
        SUSAP KOKZK7FR31   ADBN   020ERECUK7EA0E  A 020TF                     03560116    + 03000                          A JS
        SUSAP KOKZK7FR31   ADBN   030CUTUNK7EA0EE B 010TF                     03550090    + 03000                          A JS
        SUSAP KOKZK7FR31   AHARLE 010HARLEK7EA0E      IF                                          18000                A JS
        SUSAP KOKZK7FR31   AHARLE 020FODMOK7EA0E  A 020TF                     17080241    + 03000                          A JS
        SUSAP KOKZK7FR31   AHARLE 030CUTUNK7EA0EE B 010TF                     21560090    + 03000                          A JS
        SUSAP KOKZK7FR31   ARIPPI 010RIPPIK7EA0E      IF                                          18000                A JS
        SUSAP KOKZK7FR31   ARIPPI 020ERECUK7EA0E  A 020TF                     11320333    + 03000                          A JS
        SUSAP KOKZK7FR31   ARIPPI 030CUTUNK7EA0EE B 010TF                     03550090    + 03000                          A JS
        SUSAP KOKZK7FR31   R       010CUTUNK7EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KOKZK7FR31   R       020DICVAK7EA1E  F 051TF                     30560071    + 02100                RW31  K7PGA JS
        SUSAP KOKZK7FR31   R       020DICVAK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KOKZK7FR31   R       030RW31 K7PG0GY M 031TF                     30550051      00475            -300          A JS
        SUSAP KOKZK7FR31   R       040         0  M     CA                     3055        + 00762                          A JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 437	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 2 5 MAY 2011	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.

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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7FR31   R      050BEYVAK7EA0EY      DF                                  + 02900                          A JS
        SUSAP KOKZK7FR31   R      060BEYVAK7EA0EE  R   HM                       12530040   + 02900                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7GRW31    0050163055 N32574759W082495204-0600    +01048004370000038075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7PR31   RW31 001 0000W31A0N3257475925W08249520375+010480300N3258328200W0825123350010675122400038OF400500AECD59C4
        SUSAP KOKZK7PR31   RW31 002E      +01330+01330LPV       72721

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KOKZK7SRW31 K7PG               0   18018002425                                                              M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 438 THRE: 437	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SANDERSVILLE, GA	AIRPORT NAME: KAOLIN FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 2 5 MAY 2011	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
MKK VORTAC	JORDA (FB)	179.99 / 29.14	3700
LNY VORTAC	OJOVU (FO)	214.01 / 10.00	3700
CRISI (IAF)	OJOVU (NOPT) (FB)	340.60 / 11.11	3700
JORDA (IAF)	OJOVU (NOPT) (FB)	083.73 / 9.69	3700
OJOVU (IF/IAF)	EYEPO (FB)	032.98 / 7.32	2600
EYEPO (FAF)	RW03 (MAP) (FO)	033.02 / 3.86	
RW03 (MAP)	1708 MSL	033.02	
1708 MSL	GRAMY (FO)		3300

MISSED APPROACH

LNAV: RW03

CLIMBING LEFT TURN TO 3300 DIRECT GRAMY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 098.00 INBOUND.
CHART FAS OBST: 1356 FARM VEHICLE 204648N/1565706W
CHART VDP AT 1.15 MILES TO RW03.
EYEPO TO RW03: 3.03/52.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW OJOVU, RT, 032.98 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
3. FAC: 033.02 FAF: EYEPO DIST FAF TO MAP: 3.86 THLD: 3.86
4. MIN. ALT: OJOVU 3700, EYEPO 2600
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: RW03 7000

MAG VAR: 11E 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
LNAV MDA	1720	1	415	1720	1	415	1720	1 1/4	415	1720	1 1/4	415			
CIRCLING	1840	1	532	1880	1	572	1900	1 1/2	592	1900	2	592			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1308 THRE: 1305 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LANAI CITY, HI	LANAI	RNAV	RNAV (GPS) RWY 3, ORIG-A 05 MAY 2011	AMDT: ORIG DATED 08/27/2009

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.

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
          ------------------------------------------------------------------------------------------------------------------------
          SPACD        LNY   PH011770VTH  N20455220W156580800    N20455220W156580800E0110012502     NARLANAI
          SPACD        MKK   PH011610VTH  N21081720W157100270    N21081720W157100270E0110014212     NARMOLOKAI

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACEAENRT   CRISI PH0    C   L N20274416W157035663                    E0097     NAR          CRISI
          SPACEAENRT   EYEPO PH0    C     N20440318W157001528                    E0097     NAR          EYEPO
          SPACEAENRT   GRAMY PH0    C   L N20490797W157081361                    E0097     NAR          GRAMY
          SPACEAENRT   JORDA PH0    C   B N20393466W157155823                    E0097     NAR          JORDA
          SPACEAENRT   OJOVU PH0    C     N20384629W157054047                    E0097     NAR          OJOVU

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACP PHNYPHALNY     0      050YHN20470820W156570511E011001308         1800018000C    MNAR    LANAI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACP PHNYPHFR03   ACRISI 010CRISIPHEA0E  A    IF                                                18000                B JS
          SPACP PHNYPHFR03   ACRISI 020OJOVUPHEA0EE B 010TF                    34060111    + 03700                                B JS
          SPACP PHNYPHFR03   ALNY   010LNY  PHD 0V       IF                                                18000                B JS
          SPACP PHNYPHFR03   ALNY   020OJOVUPHEA0EY   020TF                    21400100    + 03700                                B JS
          SPACP PHNYPHFR03   ALNY   030OJOVUPHEA0EE AR   HF                    03300040    + 03700                                B JS
          SPACP PHNYPHFR03   AMKK   010MKK  PHD 0V       IF                                                18000                B JS
          SPACP PHNYPHFR03   AMKK   020JORDAPHEA0E  A 020TF                    18000291    + 03700                                B JS
          SPACP PHNYPHFR03   AMKK   030OJOVUPHEA0EE BL010TFY                   08370097    + 03700                                B JS
          SPACP PHNYPHFR03   R      010OJOVUPHEA0E  I    IF                                + 03700     18000                      B JS
          SPACP PHNYPHFR03   R      020EYEPOPHEA1E  F 051TF                    03300073    + 02600                RW03  PHPGB JS
          SPACP PHNYPHFR03   R      020EYEPOPHEA2WN          N          ALNAV                                                    JS
          SPACP PHNYPHFR03   R      030RW03 PHPG0GY M 031TF                    03300039      01357                -303          B JS
          SPACP PHNYPHFR03   R      040          0  M     CA                    0330        + 01708                             B JS
          SPACP PHNYPHFR03   R      050GRAMYPHEA0EY  L   DF                                + 03300                             B JS
          SPACP PHNYPHFR03   R      060GRAMYPHEA0EE  R   HM                    09800040    + 03300                             B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1308 THRE: 1305	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LANAI CITY, HI	AIRPORT NAME: LANAI	RNAV	RNAV (GPS) RWY 3, ORIG-A 05 MAY 2011	AMDT: ORIG
				DATED: 08/27/2009

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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            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SPACP PHNYPHGRW03     0050010330 N20465039W156572342+0100          013050000052150I

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SPACP PHNYPHSRW03 PHPG               0    18018007025                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1308 THRE: 1305	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LANAI CITY, HI	AIRPORT NAME: LANAI	RNAV	RNAV (GPS) RWY 3, ORIG-A 05 MAY 2011	AMDT: ORIG
				DATED: 08/27/2009

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
FOD VORTAC	AXA NDB	355.00 / 28.22	2900

MISSED APPROACH

MAP: AXA NDB

CLIMB TO 2900 THEN RIGHT TURN DIRECT AXA NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 111.00 INBOUND.
FAS OBST: 1529 AAO 430749N/0942621W
FAC CROSSES RWY C/L EXTENDED 1922 FROM THLD.

1. PT L SIDE OF COURSE 291.00 OUTBOUND 2900 FT WITHIN 10 MILES OF AXA NDB (IAF)
2.
3. FAC 111.00 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: AXA NDB 140-230 3400, 230-140 2900

MAG VAR: 3E EPOCH YEAR:2000

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-12	1880	1	665	1880	1	665		NA			NA				
CIRCLING	1880	1	661	1880	1	661		NA			NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOREST CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND S-12 AND CIRCLING CAT B VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1219 THRE: 1215	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 12
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	AXA	NDB RWY 12, AMDT 6 05 MAY 2011	AMDT 5
				DATE 04/13/2006

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
JOPOR (IAF)	HIGMU (NOPT) (FB)	218.62 / 10.00	3000
JAPKA (IAF)	HIGMU (NOPT) (FB)	038.42 / 10.00	3000
HIGMU (IF/IAF)	CUSET (FB)	128.52 / 5.00	2900
CUSET (FAF)	RW12 (MAP) (FO)	128.58 / 5.17	
RW12 (MAP)	1619 MSL	128.58	
1619 MSL	IFOLA (FO)		3000

MISSED APPROACH

LNAV: RW12

CLIMB TO 3000 DIRECT IFOLA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 308.76 INBOUND.
CHART FAS OBST: 1430 ELEV 430417N/0941701W
CUSET TO RW12: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HIGMU, RT, 128.52 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 128.58 FAF: CUSET DIST FAF TO MAP: 5.17 THLD: 5.17
4. MIN. ALT: HIGMU 3000, CUSET 2900
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: 3E 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
LNAV MDA	1680	1	465	1680	1	465		NA			NA				
CIRCLING	1740	1	521	1800	1	581		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOREST CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1219 THRE: 1215 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	ALGONA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 05 MAY 2011	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.

TAA

	FROM	TO	ALT
1.	038/30 CW 219/30 (NOPT)	038/5 CW 219/5	3100
2.	038/5 CW 219/5	HIGMU (IF/IAF) (FB)	3000
3.	219/30 CW 309/30	JOPOR (IAF) (FB)	3000
4.	309/30 CW 038/30	JAPKA (IAF) (FB)	3400

CITY AND STATE	ELEVATION: 1219 THRE: 1215	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 05 MAY 2011	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)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUSET K30    W     N43081937W094215849                    E0020     NAR           CUSET
        SUSAEAENRT   HIGMU K30    W     N43113840W094270527                    E0020     NAR           HIGMU
        SUSAEAENRT   IFOLA K30    W     N42574034W094053940                    E0018     NAR           IFOLA
        SUSAEAENRT   JAPKA K30    W     N43040871W094360788                    E0022     NAR           JAPKA
        SUSAEAENRT   JOPOR K30    W     N43190736W094180044                    E0019     NAR           JOPOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3AAXA     0     039YHN43044048W094161917E003001219         1800018000C    MNAR    ALGONA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3FR12   AHIGMU 010HIGMUK3EA0EE AR   HF                    12850040    + 03000     18000                B JS
        SUSAP KAXAK3FR12   AJAPKA 010JAPKAK3EA0E  A    IF                                        18000                B JS
        SUSAP KAXAK3FR12   AJAPKA 020HIGMUK3EA0EE B 010TF                     03840100    + 03000                          B JS
        SUSAP KAXAK3FR12   AJOPOR 010JOPORK3EA0E  A    IF                                        18000                B JS
        SUSAP KAXAK3FR12   AJOPOR 020HIGMUK3EA0EE B 010TF                     21860100    + 03000                          B JS
        SUSAP KAXAK3FR12   R      010HIGMUK3EA0E  I    IF                               + 03000     18000                B JS
        SUSAP KAXAK3FR12   R      020CUSETK3EA1E  F 051TF                     12850050    + 02900                          B JS
        SUSAP KAXAK3FR12   R      020CUSETK3EA2WN          N          ALNAV                                                JS
        SUSAP KAXAK3FR12   R      030RW12 K3PG0GY M 031TF                     12860052      01255           -300           B JS
        SUSAP KAXAK3FR12   R      040         0  M     CA                     1286        + 01619                          B JS
        SUSAP KAXAK3FR12   R      050IFOLAK3EA0EY       DF                               + 03000                          B JS
        SUSAP KAXAK3FR12   R      060IFOLAK3EA0EE  R   HM                     30880040    + 03000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3GRW12    0039591286 N43045353W094164216-0300    +0341501215000040075R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1219 THRE: 1215	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 05 MAY 2011	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
EWHIF (IAF)	IFOLA (NOPT) (FB)	218.86 / 10.00	3000
UKLIQ (IAF)	IFOLA (NOPT) (FB)	038.66 / 10.00	3000
IFOLA (IF/IAF)	LULUS (FB)	308.76 / 5.00	2900
LULUS (FAF)	RW30 (MAP) (FO)	308.70 / 5.20	
RW30 (MAP)	1600 MSL	308.70	
1600 MSL	HIGMU (FO)		3000

MISSED APPROACH

LNAV: RW30

CLIMB TO 3000 DIRECT HIGMU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 128.52 INBOUND.
CHART FAS OBST: 1339 TREE 430351N/0941618W
1449 AAO 430136N/0941007W
LULUS TO RW30: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE IFOLA, RT, 308.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 308.70 FAF: LULUS DIST FAF TO MAP: 5.20 THLD: 5.20
4. MIN. ALT: IFOLA 3000, LULUS 2900
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: 3E 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
LNAV MDA	1600	1	396	1600	1	396		NA			NA				
CIRCLING	1740	1	521	1800	1	581		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOREST CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1219 THRE: 1204	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	RNAV	RNAV (GPS) RWY 30, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED 04/13/2006

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.	219/30 CW 039/30 (NOPT)	IFOLA (IF/IAF) (FB)	3000
2.	039/30 CW 129/30	UKLIQ (IAF) (FB)	3400
3.	129/30 CW 219/30	EWHIF (IAF) (FB)	3000

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	ELEVATION: 1219 THRE: 1204 AIRPORT NAME: ALGONA MUNI	RNAV	RNAV (GPS) RWY 30, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 04/13/2006

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   EWHIF K30    W     N43050765W093563408                    E0016     NAR           EWHIF
        SUSAEAENRT   HIGMU K30    W     N43113840W094270527                    E0020     NAR           HIGMU
        SUSAEAENRT   IFOLA K30    W     N42574034W094053940                    E0018     NAR           IFOLA
        SUSAEAENRT   LULUS K30    W     N43010011W094104452                    E0018     NAR           LULUS
        SUSAEAENRT   UKLIQ K30    W     N42501230W094144253                    E0019     NAR           UKLIQ

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3AAXA     0     039YHN43044048W094161917E003001219         1800018000C    MNAR    ALGONA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3FR30   AEWHIF 010EWHIFK3EA0E  A    IF                                          18000                B JS
        SUSAP KAXAK3FR30   AEWHIF 020IFOLAK3EA0EE B 010TF                    21890100    + 03000                      B JS
        SUSAP KAXAK3FR30   AIFOLA 010IFOLAK3EA0EE AR   HF                    30880040    + 03000     18000            B JS
        SUSAP KAXAK3FR30   AUKLIQ 010UKLIQK3EA0E  A    IF                                          18000            B JS
        SUSAP KAXAK3FR30   AUKLIQ 020IFOLAK3EA0EE B 010TF                    03870100    + 03000                      B JS
        SUSAP KAXAK3FR30   R      010IFOLAK3EA0E  I    IF                                + 03000     18000            B JS
        SUSAP KAXAK3FR30   R      020LULUSK3EA1E  F 051TF                    30880050    + 02900                      B JS
        SUSAP KAXAK3FR30   R      020LULUSK3EA2WN          N          ALNAV                                           JS
        SUSAP KAXAK3FR30   R      030RW30 K3PG0GY M 031TF                    30870052      01244          -300        B JS
        SUSAP KAXAK3FR30   R      040         0  M     CA                    3087        + 01600                      B JS
        SUSAP KAXAK3FR30   R      050HIGMUK3EA0EY       DF                              + 03000                      B JS
        SUSAP KAXAK3FR30   R      060HIGMUK3EA0EE  R   HM                    12850040    + 03000                      B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAXAK3GRW30    0039593086 N43042755W094160229+0300    +0338201204000040075R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1219 THRE: 1204	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	RNAV	RNAV (GPS) RWY 30, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 04/13/2006

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
FOD VORTAC (IAF)	ZASLO/ 13.00 DME	355.00 / 13.00	2800
KADCO/13.00 DME CCW (IAF)	ZASLO/ 13.00 DME	13.00 DME ARC	2800
BABYA/13.00 DME CW (IAF)	ZASLO/ 13.00 DME	13.00 DME ARC	3400
ZASLO/ 13.00 DME (IF)	ADDLE/ 23.00 DME	355.00 / 10.00 (FOD R-355)	2800

MISSED APPROACH

MAP: MAJWA/ 27.81 DME

CLIMB TO 2800 THEN LEFT TURN ON FOD VORTAC R-355 TO ADDLE/23.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.00 INBOUND.
CHART FAS OBST: 1663 TOWER 430405N/0941209W
CHART FOD R-254 AT BABYA.
CHART FOD R-048 AT KADCO.
FAC CROSSES MID POINT OF RWY 12/30.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZASLO
3. FAC 355.00 FAF ADDLE/ 23.00 DME DIST FAF TO MAP ____ THLD 4.81
4. MIN. ALT ZASLO 2800, ADDLE 2800
8. MSA FROM: FOD VORTAC 360-270 2800, 270-360 3400 (29 NM)

MAG VAR: 7E 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	1780	1	561	1800	1 1/4	581		NA			NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOREST CITY ALTIMETER SETTING AND INCREASE ALL MDA 80FT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FOD VORTAC AIRWAY RADIAL 003.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1219 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
ALGONA, IA	AIRPORT NAME: ALGONA MUNI	FOD	VOR/DME-A, AMDT 7 05 MAY 2011	AMDT 6
				DATE 03/16/2006

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				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 05 MAY 2011

CITY AND STATE	ELEVATION: 1204 TDZE: 1203	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CARROLL, IA	AIRPORT NAME: ARTHUR N NEU	CIN	NDB RWY 31, AMDT 7, 05/10/2007	AMDT 6A
				DATE 06/12/1998

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
LEFTY (IAF)	JEBAR (NOPT) (FB)	192.50 / 17.97	3000
FOYDE (IAF)	JEBAR (NOPT) (FB)	064.11 / 24.84	3000
JEBAR (IF/IAF)	DUCAV (FB)	113.50 / 6.10	2900
DUCAV (FAF)	RW11 (MAP) (FO)	113.58 / 5.38	
RW11 (MAP)	1396 MSL	113.58	
1396 MSL	FAYNE (FO)		3200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 3200 DIRECT FAYNE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW JEBAR, RT, 113.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 113.58 FAF: DUCAV DIST FAF TO MAP: 5.38 THLD: 5.38
4. MIN. ALT: JEBAR 3000, DUCAV 2900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: DUCAV 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW11 2800

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 293.83 INBOUND.
CHART FAS OBST: 1480 TOWER 431647N/0914716W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.62 MILES TO RW11*
*LNAV ONLY.
WAAS CHANNEL # 78021
REFERENCE PATH ID: W11A
LTP HAE: 319.1 M

MAG VAR: 1E 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	1396	7/8	250	1396	7/8	250		NA			NA				
LNAV/VNAV DA	1781	2 1/4	635	1781	2 1/4	635		NA			NA				
LNAV MDA	1700	1	554	1700	1	554		NA			NA				
CIRCLING	1700	1	542	1700	1	542		NA			NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 29 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PRESTON, MN ALTIMETER SETTING AND INCREASE ALL DA 88 FEET, AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV CATS A AND B VISIBILITY (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1158 THRE: 1146 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DECORAH, IA	DECORAH MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 05 MAY 2011	AMDT: NONE DATED

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NOTES, (CONT.):
1/4 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEFTY ON V218 NORTHWEST BOUND AND V24 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FOYDE ON V138 WESTBOUND AND V67 SOUTHBOUND.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PRESTON, MN ALTIMETER SETTING.

QUALITY SERVICE

CITY AND STATE	ELEVATION: 1158 THRE: 1146	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DECORAH, IA	AIRPORT NAME: DECORAH MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 05 MAY 2011	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	KDEH
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	431640.0900N
LTP/FTP LONGITUDE	0914446.3200W
LTP/FTP ELLIPSOIDAL HEIGHT	+03191
FPAP LATITUDE	431602.8900N
FPAP LONGITUDE	0914255.4900W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	61691A5A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03491
FPAP ORTHOMETRIC HEIGHT	+03491

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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   DUCAV K30    W     N43185469W091512843                    W0001    NAR          DUCAV
        SUSAEAENRT   FAYNE K30    W     N43113792W091294969                    W0004    NAR          FAYNE
        SUSAEAENRT   FOYDE K30    C   L N43110332W092295742                    E0004    NAR          FOYDE
        SUSAEAENRT   JEBAR K30    W     N43212664W091590437                    E0000    NAR          JEBAR
        SUSAEAENRT   LEFTY K30    C   L N43385529W091531944                    W0002    NAR          LEFTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDEHK3ADEH     0     040YHN43163180W091442180E001001158         1800018000C    MNAR    DECORAH MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDEHK3FR11   AFOYDE 010FOYDEK3EA0E  A    IF                                          18000                A JS
        SUSAP KDEHK3FR11   AFOYDE 020JEBARK3EA0EE B 010TF                    06410248    + 03000                      A JS
        SUSAP KDEHK3FR11   AJEBAR 010JEBARK3EA0EE AR   HF                   11350040    + 03000     18000            A JS
        SUSAP KDEHK3FR11   ALEFTY 010LEFTYK3EA0E  A    IF                                          18000            A JS
        SUSAP KDEHK3FR11   ALEFTY 020JEBARK3EA0EE B 010TF                    19250180    + 03000                      A JS
        SUSAP KDEHK3FR11   R      010JEBARK3EA0E   I    IF                              + 03000     18000            A JS
        SUSAP KDEHK3FR11   R      020DUCAVK3EA1E   F 051TF                   11350061    + 02900                RW11  K3PGA JS
        SUSAP KDEHK3FR11   R      020DUCAVK3EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KDEHK3FR11   R      030RW11 K3PG0GY M 031TF                   11360054      01186          -300         A JS
        SUSAP KDEHK3FR11   R      040         0  M     CA                   1136        + 01396                      A JS
        SUSAP KDEHK3FR11   R      050FAYNEK3EA0EY      DF                              + 03200                      A JS
        SUSAP KDEHK3FR11   R      060FAYNEK3EA0EE  R   HM                   29380040    + 03200                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDEHK3GRW11    0040011137 N43164009W091444632+0300    +0319101146000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDEHK3PR11   RW11 001 0000W11A0N4316400900W0914446320O+031910300N4316028900W09142554900106751528000400F40050061691A5A
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1158 THRE: 1146	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DECORAH, IA	AIRPORT NAME: DECORAH MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 05 MAY 2011	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.

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        SUSAP KDEHK3PR11   RW11 002E      +03491+03491LPV       78021

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDEHK3SRW11 K3PG              0   18018002825                                                          M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1158 THRE: 1146	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DECORAH, IA	AIRPORT NAME: DECORAH MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

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
JACOB INT/I-ALN 19.02 DME (IAF)	QUNIE INT/I-ALN 13.01 DME	294.37 / 6.01 (I-ALN)	2100
QUNIE INT/I-ALN 13.01 DME (IF)	OSERE INT/I-ALN 6.24 DME	294.37 / 6.76 (I-ALN)	2100

MISSED APPROACH

ILS: DA
LOC: 4.77 MILES AFTER OSERE INT/I-ALN 6.24 DME OR AT I-ALN 1.47 DME FIX

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2200 VIA HEADING 310 AND TOY VORTAC R-322 TO TOPAZ INT/TOY 16.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2400 ON I-ALN NW COURSE TO SQUAR INT/I-ALN 12.05 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 142.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW SQUAR INT/I-ALN 12.05 DME, RT, 114.35 INBOUND.
CHART FAS OBST: 629 TREE 385252N/0900116W
CHART IN PLANVIEW: SQUAR INT/I-ALN 12.05 DME.
CHART AL LOM SUBDUED

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JACOB
3. FAC: 294.37 FAF: OSERE INT/I-ALN 6.24 DME DIST FAF TO MAP: 4.77 THLD: 4.77
4. MIN. ALT: JACOB 2100, QUNIE 2100, OSERE 2100, WULIB INT/I-ALN 2.87 DME 980*
5. DIST TO THLD FROM OM: - MM: 0.44 IM: - 150 HAT: - 100 HAT: - GS ANT: 970
6. MIN GS INCPT: 2100 GS ALT AT: OSERE 2100 OM: - MM: 517 IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: TOY VORTAC 2700

MAG VAR: 1W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | 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 29	726	1/2	200	726	1/2	200	726	1/2	200	726	1/2	200			
S-LOC 29	980	1/2	454	980	1/2	454	980	7/8	454	980	7/8	454			
CIRCLING	980	1	435	1000	1	455	1000	1 1/2	455	1100	2	555			
WULIB FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED.)															
S-LOC 29	880	1/2	354	880	1/2	354	880	5/8	354	880	5/8	354			
CIRCLING	980	1	435	1000	1	455	1000	1 1/2	455	1100	2	555			

NOTES:
*LOC ONLY, 1040 WHEN USING LAMBERT-ST LOUIS INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST. LOUIS INTL ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET, AND INCREASE S-LOC 29 AND WULIB FIX MINIMUMS S-LOC 29 CAT C AND D VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17/35 NA AT NIGHT.

@ NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	ST LOUIS RGNL	I-ALN	ILS OR LOC RWY 29, AMDT 12 05 MAY 2011	AMDT: 11 DATED 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        TOY   K5011600VTLW N38442097W089550706    N38442097W089550706E0040005701     NARTROY
        SUSAD KALNK5 IALN  K5010850 IT                      IALNN38534393W090032899     005460     NARST LOUIS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JACOB K50    C   L N38461133W089410823                    W0014     NAR          JACOB
        SUSAEAENRT   OSERE K50    C     N38511737W089560756                    W0012     NAR          OSERE
        SUSAEAENRT   QUNIE K50    C     N38483558W089481115                    W0013     NAR          QUNIE
        SUSAEAENRT   TOPAZ K50    R     N38573711W090063533                    W0011     NAR          TOPAZ

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5AALN     0     080YHN38532370W090024556W001000545        1800018000C    MNAR     ST LOUIS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5FI29   AJACOB 010JACOBK5EA0E  A    IF                                  + 02100     18000                0 NS
        SUSAP KALNK5FI29   AJACOB 020QUNIEK5EA0EE B    CF IALNK5      1144013029440060PI   + 02100                          0 NS
        SUSAP KALNK5FI29   I       010QUNIEK5EA0E  I    IF IALNK5      11440130        PI   J 0210002100018000               0 NS
        SUSAP KALNK5FI29   I       020OSEREK5EA0E  F    CF IALNK5      1143006329400068PI   H 0210002100        -300TOY   K5D 0 NS
        SUSAP KALNK5FI29   I       030RW29 K5PG0GY M    CF IALNK5      1143001529400048PI     00581             -300           0 NS
        SUSAP KALNK5FI29   I       040          0  M    CA                    2944          + 01000                          0 NS
        SUSAP KALNK5FI29   I       050          0       VI                    3100                                           0 NS
        SUSAP KALNK5FI29   I       060TOPAZK5EA0EY      CF TOY K5      3220016032200050D    + 02200                          0 NS
        SUSAP KALNK5FI29   I       070TOPAZK5EA0EE  L   HM                    1420T010     + 02200                          0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5GRW29     0080982944 N38531112W090014383+0100     +012910052600005515OIIALN1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5IIALN1    010850RW29 N38534677W090032948294 4N38531810W0900153331000 09700440300W00105500525

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

CITY AND STATE	ELEVATION: 545 THRE: 526	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: **ST LOUIS RGNL**	**I-ALN**	**ILS OR LOC RWY 29, AMDT 12** 05 MAY 2011	AMDT: **11**
				DATED: **10/27/2005**

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 KALNK5STOY  K5D              0   18018002725                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	I-ALN	ILS OR LOC RWY 29, AMDT 12 05 MAY 2011	AMDT: 11 DATED: 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JACOB	JACOB	010	IAF	IF		FB				AA 02100	
	JACOB	QUNIE	020		CF		FB		294.4()	006.0	AA 02100	
		QUNIE	010	FACF	IF		FB				AA 02100 GI 02100	
		OSERE	020	FAF	CF		FB		294.0()	006.8	GI 02100 GS 02100	
		RW29	030	MAP	CF		FO		294.0()	004.8	AT 00581	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		294.4()		AA 01000	
		050		VI		FB		310.0()			
	TOPAZ	060		CF		FO		322.0()	005.0	AA 02200	
	TOPAZ	070		HM	L	FO		142.0()	T01.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TOY	N384420.97	W0895507.06	N3844.350	W08955.118
	IALN (DME)	N385343.93	W0900328.99	N3853.732	W09003.483
	JACOB	N384611.33	W0894108.23	N3846.189	W08941.137
	OSERE	N385117.37	W0895607.56	N3851.290	W08956.126
	QUNIE	N384835.58	W0894811.15	N3848.593	W08948.186
	TOPAZ	N385737.11	W0900635.33	N3857.619	W09006.589
	RW29	N385311.12	W0900143.83	N3853.185	W09001.731
	IALN (LOC)	N385346.77	W0900329.48	N3853.780	W09003.491

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00526	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: **ST LOUIS RGNL**	**I-ALN**	**ILS OR LOC RWY 29, AMDT 12** 05 MAY 2011	AMDT: **11**
				DATED: **10/27/2005**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ELDON INT/I-ALN 15.86 DME (IAF)	SQUAR INT/I-ALN 12.05 DME (FB)	114.35 / 3.81 (I-ALN)	2400
SQUAR INT/I-ALN 12.05 DME (IF)	KEELS INT/I-ALN 5.25 DME (FB)	114.35 / 6.80 (I-ALN)	2300

MISSED APPROACH

MAP: 4.73 MILES AFTER KEELS INT/I-ALN 5.25 DME OR AT WELNO/I-ALN 0.52 DME FIX

CLIMB TO 2100 DIRECT ALN OM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.37 INBOUND.
FAS OBST: 809 AAO 385544N/0901017W
839 AAO 385637N/0901055W
CHART VDP AT 1.36 DME;
DISTANCE VDP TO THLD 1.50 MILES.
KEELS TO RW11: 3.00/46.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ELDON
3. FAC 114.35 FAF KEELS INT/I-ALN 5.25 DME DIST FAF TO MAP 4.73 THLD 5.39
4. MIN. ALT ELDON 2400, SQUAR 2400, KEELS 2300
8. MSA FROM: TOY VORTAC 2700

MAG VAR: 1W EPOCH YEAR:2010

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-11	1060	1	522	1060	1	522	1060	1 1/2	522	1060	1 1/2	522			
CIRCLING	1060	1	515	1060	1	515	1060	1 1/2	515	1100	2	555			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING, AND INCREASE ALL MDA 60 FEET, AND INCREASE LNAV CAT C AND D AND CIRCLING CAT C VISIBILITY 1/4
(SEE FORM 8260-10)

NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 538	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	I-ALN	LOC BC RWY 11, AMDT 9 05 MAY 2011	AMDT 8
				DATE 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

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NOTES, (CONT.):
MILE.
CHART NOTE: VDP NA WITH LAMBERT-ST LOUIS INTL ALTIMETER SETTING.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17/35 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALTON/ST LOUIS, IL	**ELEVATION: 545** **THRE: 538** AIRPORT NAME: **ST LOUIS RGNL**	**I-ALN**	**LOC BC RWY 11, AMDT 9** 05 MAY 2011	SUP: AMDT: **8** DATED: **10/27/2005**

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
PRAYS INT/STL VORTAC 29.50 DME	CVM NDB	242.69 / 9.98	2200
TOY VORTAC	CVM NDB	320.93 / 11.22	2200

MISSED APPROACH

MAP: CVM NDB

CLIMBING LEFT TURN TO 2200 IN CVM NDB HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 189.00 INBOUND.
FAS OBST: 779 AAO 385749N/0900416W
CHART 964 TOWER 390233N/0900329W.
CHART DORSY TO RW17: 3.16/43.
FAC CROSSES RWY C/L EXTENDED 3246 FROM THLD.

1. PT R SIDE OF COURSE 009.00 OUTBOUND 2200 FT WITHIN 10 MILES OF CVM NDB (IAF)
2.
3. FAC 189.00 FAF DIST FAF TO MAP THLD
4. MIN. ALT DORSY INT 1380
8. MSA FROM: CVM NDB 2700

MAG VAR: 1W EPOCH YEAR:2010

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
S-17	1380	1	846	1380	1 1/4	846	1380	2 1/2	846	1380	2 1/2	846			
CIRCLING	1380	1 1/4	835	1380	1 1/4	835	1380	2 1/2	835	1380	2 3/4	835			
DORSY FIX MINIMUMS															
S-17	1120	1	586	1120	1	586	1120	1 3/4	586	1120	1 3/4	586			
CIRCLING	1120	1	575	1120	1	575	1120	1 3/4	575	1120	2	575			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST: LOUIS INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE S-17 CAT A AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

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

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ALTON/ST LOUIS, IL	ST LOUIS RGNL	CVM	NDB RWY 17, AMDT 12 05 MAY 2011	AMDT 11 DATE 10/27/2005

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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NOTES, (CONT.):
CHART NOTE: DORSY FIX MINIMUMS NA WHEN USING LAMBERT-ST. LOUIS INTL ALTIMETER SETTING.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN / CIRCLING RWY 17 PROCEDURE AND CIRCLING RWY 35 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	CVM	NDB RWY 17, AMDT 12 05 MAY 2011	AMDT: 11
				DATED: 10/27/2005

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
HARDI (IAF)	SQUAR (NOPT) (FB)	112.55 / 18.68	2400
FASHE (IAF)	SQUAR (NOPT) (FB)	190.38 / 9.60	2400
SQUAR (IF/IAF)	KEELS (FB)	114.20 / 6.80	2300
KEELS (FAF)	HEDUV/1.80 NM TO RW11 (FB)	114.28 / 3.59	
HEDUV/1.80 NM TO RW11	RW11 (MAP) (FO)	114.33 / 1.80	
RW11 (MAP)	793 MSL	114.33	
793 MSL	QUNIE (FO)		2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 2100 DIRECT QUNIE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 294.51 INBOUND.
CHART FAS OBST: 669 TANK 385322N/0900337W
DISTANCE TO THLD FROM 255 HATH: 0.66 NM.
CHART VDP AT 1.24 MILES TO RW11*
*LNAV ONLY.
WAAS CHANNEL # 90417
REFERENCE PATH ID: W11A
LTP HAE: 132.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW SQUAR, RT, 114.20 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC: 114.28 FAF: KEELS DIST FAF TO MAP: 5.39 THLD: 5.39
4. MIN. ALT: SQUAR 2400, KEELS 2300, HEDUV/1.80 NM TO RW11 1140*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: KEELS 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 46.0 34:1 IS NOT CLEAR
8. MSA FROM: RW11 2700

MAG VAR: 1W EPOCH YEAR: 2010

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	793	7/8	255	793	7/8	255	793	7/8	255	793	7/8	255			
LNAV/VNAV DA	880	1 1/8	342	880	1 1/8	342	880	1 1/8	342	880	1 1/8	342			
LNAV MDA	980	1	442	980	1	442	980	1 3/8	442	980	1 3/8	442			
CIRCLING	980	1	435	1000	1	455	1000	1 1/2	455	1100	2	555			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 538 AIRPORT NAME:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	ST LOUIS RGNL		RNAV (GPS) RWY 11, AMDT 2 05 MAY 2011	AMDT: 1 DATED 06/03/2010

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.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING LAMBERT-ST LOUIS INTL ALTIMETER SETTING.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 17/35 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HARDI ON V52 NORTHWEST BOUND.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 545 THRE: 538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 11, AMDT 2 05 MAY 2011	AMDT: 1 DATED: 06/03/2010

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	KALN
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	385342.8605N
LTP/FTP LONGITUDE	0900317.8640W
LTP/FTP ELLIPSOIDAL HEIGHT	+01326
FPAP LATITUDE	385307.5000N
FPAP LONGITUDE	0900133.1000W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9DDF4883

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01639
FPAP ORTHOMETRIC HEIGHT	+01639

QUALITY 2 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 aiport 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   FASHE K50    C   L N39080121W090153857                    W0009     NAR          FASHE
          SUSAEAENRT   HARDI K50    C   L N39052634W090395582                    W0005     NAR          HARDI
          SUSAEAENRT   HEDUV K50    W     N38542569W090052489                    W0010     NAR          HEDUV
          SUSAEAENRT   KEELS K50    C     N38555098W090093831                    W0009     NAR          KEELS
          SUSAEAENRT   QUNIE K50    C     N38483558W089481115                    W0012     NAR          QUNIE
          SUSAEAENRT   SQUAR K50    C     N38583216W090173905                    W0008     NAR          SQUAR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KALNK5AALN     0     080YHN38532370W090024556W001000545         1800018000C    MNAR    ST LOUIS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KALNK5FR11   AFASHE 010FASHEK5EA0E  A    IF                                          18000                A JS
          SUSAP KALNK5FR11   AFASHE 020SQUARK5EA0EE B 010TF                    19040096    + 02400                      A JS
          SUSAP KALNK5FR11   AHARDI 010HARDIK5EA0E  A    IF                                          18000                A JS
          SUSAP KALNK5FR11   AHARDI 020SQUARK5EA0EE B 010TF                    11260187    + 02400                      A JS
          SUSAP KALNK5FR11   ASQUAR 010SQUARK5EA0EE AR   HF                    11420040    + 02400     18000            A JS
          SUSAP KALNK5FR11   R      010SQUARK5EA0E  I    IF                                + 02400     18000            A JS
          SUSAP KALNK5FR11   R      020KEELSK5EA1E  F 051TF                    11420068    + 02300                RW11  K5PGA JS
          SUSAP KALNK5FR11   R      020KEELSK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
          SUSAP KALNK5FR11   R      021HEDUVK5EA0E S  031TF                    11430036    V 0114001156       -300    A JS
          SUSAP KALNK5FR11   R      030RW11 K5PG0GY M 031TF                    11430018      00584            -300    A JS
          SUSAP KALNK5FR11   R      040         0  M     CA                   1143        + 00793                      A JS
          SUSAP KALNK5FR11   R      050QUNIEK5EA0EY       DF                              + 02100                      A JS
          SUSAP KALNK5FR11   R      060QUNIEK5EA0EE  R    HM                   29450040    + 02100                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KALNK5GRW11    0080981144 N38534286W090031786-0100    +0132600538000046150R
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 11, AMDT 2 05 MAY 2011	AMDT: 1 DATED: 06/03/2010

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KALNK5PR11    RW11 001 0000W11A0N3853428605W09003178640+013260300N3853075000W090013310001067502800004 60F4005009DDF4883
    SUSAP KALNK5PR11    RW11 002E      +01639+01639LPV        90417

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KALNK5SRW11 K5PG              0   18018002725                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 11, AMDT 2 05 MAY 2011	AMDT: 1
				DATED: 06/03/2010

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
FASHE (IAF)	JETIK (NOPT) (FB)	106.65 / 8.68	2200
GIFTS (IAF)	JETIK (NOPT) (FB)	261.44 / 11.72	2200
JETIK (IF/IAF)	POSIC (FB)	174.33 / 6.78	2200
POSIC (FAF)	YERUL/1.80 NM TO RW17 (FB)	174.34 / 3.30	
YERUL/1.80 NM TO RW17	RW17 (MAP) (FO)	174.35 / 1.80	
RW17 (MAP)	920 MSL	174.35	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW17

CLIMB TO 3000 DIRECT OGOVE AND ON TRACK 122.39 TO TOY VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 082.00 INBOUND.
CHART FAS OBST: 666 OL ON WATER TANK 385437N/0900246W
POSIC TO RW17: 3.00/43

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JETIK, RT, 174.33 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC: 174.34 FAF: POSIC DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: JETIK 2200, POSIC 2200, YERUL/1.80 NM TO RW17 1140
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: RW17 2700

MAG VAR: 1W EPOCH YEAR: 2010

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
LNAV MDA	920	1	386	920	1	386	920	1 1/8	386	920	1 1/8	386			
CIRCLING	980	1	435	1000	1	455	1000	1 1/2	455	1100	2	555			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FASHE ON V9 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GIFTS ON V69 NORTH BOUND.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 05 MAY 2011	AMDT: ORIG DATED 10/27/2005

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
920 MSL	OGOVE (FB)		
OGOVE	TOY VORTAC (FO)	122.39/6.52	3000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE AND CIRCLING RWY 35 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 10/27/2005

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        TOY   K5011600VTLW N38442097W089550706    N38442097W089550706E0040005701     NARTROY

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   FASHE K50    C   L N39080121W090153857                    W0009     NAR          FASHE
       SUSAEAENRT   GIFTS K50    C   L N39073793W089500433                    W0012     NAR          GIFTS
       SUSAEAENRT   JETIK K50    W     N39054012W090045469                    W0010     NAR          JETIK
       SUSAEAENRT   OGOVE K50    W     N38474527W090021407                    W0010     NAR          OGOVE
       SUSAEAENRT   POSIC K50    W     N38585551W090035406                    W0010     NAR          POSIC
       SUSAEAENRT   YERUL K50    W     N38553889W090032468                    W0010     NAR          YERUL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5AALN     0      080YHN38532370W090024556W001000545         1800018000C     MNAR     ST LOUIS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5FR17   AFASHE 010FASHEK5EA0E  A    IF                                                  18000                B JS
       SUSAP KALNK5FR17   AFASHE 020JETIKK5EA0EE B 010TF                    10670087    + 02200                                B JS
       SUSAP KALNK5FR17   AGIFTS 010GIFTSK5EA0E  A    IF                                                  18000                B JS
       SUSAP KALNK5FR17   AGIFTS 020JETIKK5EA0EE B 010TF                    26140117    + 02200                                B JS
       SUSAP KALNK5FR17   AJETIK 010JETIKK5EA0EE AR   HF                    17430040    + 02200     18000                      B JS
       SUSAP KALNK5FR17   R      010JETIKK5EA0E  I    IF                                + 02200     18000                      B JS
       SUSAP KALNK5FR17   R      020POSICK5EA1E  F 051TF                    17430068    + 02200                 RW17  K5PGB JS
       SUSAP KALNK5FR17   R      020POSICK5EA2WN          N          ALNAV                                                    JS
       SUSAP KALNK5FR17   R      021YERULK5EA0E S  031TF                    17430033    V 0114001151       -300              B JS
       SUSAP KALNK5FR17   R      030RW17 K5PG0GY M 031TF                    17440018      00577            -300              B JS
       SUSAP KALNK5FR17   R      040         0  M     CA                    1744        + 00920                              B JS
       SUSAP KALNK5FR17   R      050OGOVEK5EA0E       DF                                                                     B JS
       SUSAP KALNK5FR17   R      060TOY  K5D 0VY   010TF                    1224        + 03000                              B JS
       SUSAP KALNK5FR17   R      070TOY  K5D 0VE  R   HM                    08200040    + 03000                              B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 10/27/2005

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5GRW17     0064991744 N38535151W090030865+0100     +0131400534000043100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5SRW17 K5PG                0   18018002725                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 17, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 10/27/2005

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
TOY VORTAC	QUNIE (FO)	052.94 / 6.88	2100
JACOB (IAF)	QUNIE (NOPT) (FB)	294.58 / 6.01	2100
QUNIE (IF/IAF)	OSERE (FB)	294.51 / 6.76	2100
OSERE (FAF)	DIYEL/1.60 NM TO RW29 (FB)	294.43 / 3.17	
DIYEL/1.60 NM TO RW29	RW29 (MAP) (FO)	294.39 / 1.60	
RW29 (MAP)	726 MSL	294.39	
726 MSL	SQUAR (FO)		2400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

CLIMB TO 2400 DIRECT SQUAR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 114.20 INBOUND.
CHART FAS OBST: 639 TREE 385304N/0900043W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.00 MILES TO RW29*
*LNAV ONLY.
WAAS CHANNEL # 77507
REFERENCE PATH ID: W29A
LTP HAE: 129.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE QUNIE, RT, 294.51 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 294.43 FAF: OSERE DIST FAF TO MAP: 4.77 THLD: 4.77
4. MIN. ALT: QUNIE 2100, OSERE 2100, DIYEL/1.60 NM TO RW29 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: OSERE 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW29 2700

MAG VAR: 1W EPOCH YEAR: 2010

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	726	1/2	200	726	1/2	200	726	1/2	200	726	1/2	200			
LNAV/VNAV DA	820	1/2	294	820	1/2	294	820	1/2	294	820	1/2	294			
LNAV MDA	900	1/2	374	900	1/2	374	900	5/8	374	900	5/8	374			
CIRCLING	980	1	435	1000	1	455	1000	1 1/2	455	1100	2	555			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TOY VORTAC AIRWAY RADIALS 006 CW 114.
*LNAV ONLY
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 29, AMDT 1 05 MAY 2011	AMDT: ORIG-A
				DATED 07/31/2008

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 NOTE: VDP AND BARO-VNAV NA WITH LAMBERT-ST. LOUIS INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST. LOUIS INTL ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET, INCREASE LNAV CAT C AND D AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO TO RWY 17/35 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALTON/ST LOUIS, IL	**ELEVATION: 545** **THRE: 526** AIRPORT NAME: **ST LOUIS RGNL**	**RNAV**	**RNAV (GPS) RWY 29, AMDT 1** 05 MAY 2011	SUP: AMDT: **ORIG-A** DATED: **07/31/2008**

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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALN
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	385311.1185N
LTP/FTP LONGITUDE	0900143.8325W
LTP/FTP ELLIPSOIDAL HEIGHT	+01291
FPAP LATITUDE	385346.4800N
FPAP LONGITUDE	0900328.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D5740CA3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01604
FPAP ORTHOMETRIC HEIGHT	+01604

QUALITY 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)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------------
SUSAD        TOY   K5011600VTLW N38442097W089550706    N38442097W089550706E0040005701     NARTROY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------------
SUSAEAENRT   DIYEL K50    W     N38523299W089595099                    W0010     NAR           DIYEL
SUSAEAENRT   JACOB K50    C   L N38461133W089410823                    W0013     NAR           JACOB
SUSAEAENRT   OSERE K50    C     N38511737W089560756                    W0011     NAR           OSERE
SUSAEAENRT   QUNIE K50    C     N38483558W089481115                    W0012     NAR           QUNIE
SUSAEAENRT   SQUAR K50    C     N38583216W090173905                    W0008     NAR           SQUAR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------------
SUSAP KALNK5AALN     0     080YHN38532370W090024556W001000545         1800018000C    MNAR    ST LOUIS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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SUSAP KALNK5FR29   AJACOB 010JACOBK5EA0E  A    IF                                                18000                A JS
SUSAP KALNK5FR29   AJACOB 020QUNIEK5EA0EE B 010TF                    29460060    + 02100                               A JS
SUSAP KALNK5FR29   ATOY   010TOY  K5D 0V       IF                                                18000                A JS
SUSAP KALNK5FR29   ATOY   020QUNIEK5EA0EY   020TF                    05290069    + 02100                               A JS
SUSAP KALNK5FR29   ATOY   030QUNIEK5EA0EE AR   HF                    29450040    + 02100                               A JS
SUSAP KALNK5FR29   R      010QUNIEK5EA0E  I    IF                                + 02100      18000                    A JS
SUSAP KALNK5FR29   R      020OSEREK5EA1E  F 051TF                    29450068    + 02100                RW29  K5PGA JS
SUSAP KALNK5FR29   R      020OSEREK5EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
SUSAP KALNK5FR29   R      021DIYELK5EA0E S  031TF                    29440032    V 0108001091        -300            A JS
SUSAP KALNK5FR29   R      030RW29 K5PG0GY M 031TF                    29440016      00581             -300            A JS
SUSAP KALNK5FR29   R      040         0  M     CA                    2944        + 00726                               A JS
SUSAP KALNK5FR29   R      050SQUARK5EA0EY       DF                                + 02400                               A JS
SUSAP KALNK5FR29   R      060SQUARK5EA0EE  R   HM                    11420040    + 02400                               A JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 29, AMDT 1 05 MAY 2011	AMDT: ORIG-A
				DATED: 07/31/2008

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.

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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5GRW29     0080982944 N38531112W090014383+0100     +0129100526000055150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5PR29    RW29 001 0000W29A0N3853111185W09001438325+012910300N3853464800W090032859001065002800005 50F400350D5740CA3
       SUSAP KALNK5PR29    RW29 002E       +01604+01604LPV        77507

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KALNK5SRW29 K5PG                0   18018002725                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 526	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 29, AMDT 1 05 MAY 2011	AMDT: ORIG-A
				DATED: 07/31/2008

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
FEKRO	BILNY (FB)	096.78 / 13.02	2700
BILNY (IAF)	GEKKE (NOPT) (FB)	021.58 / 6.56	2200
BREEZ (IAF)	GEKKE (NOPT) (FB)	285.22 / 21.63	2200
GEKKE (IF/IAF)	OGOVE (FB)	354.38 / 6.80	2200
OGOVE (FAF)	RW35 (MAP) (FO)	354.36 / 5.07	
RW35 (MAP)	945 MSL	354.36	
945 MSL	JETIK (FO)		2200

MISSED APPROACH

LNAV: RW35

CLIMB TO 2200 DIRECT JETIK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.33 INBOUND.
FAS OBST: 749 AAO 384739N/0900038W
OGOVE TO RW35: 3.00/43

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S GEKKE, RT, 354.38 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC: 354.36 FAF: OGOVE DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: GEKKE 2200, OGOVE 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: RW35 2700

MAG VAR: 1W EPOCH YEAR: 2010

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
LNAV MDA	1020	1	477	1020	1	477	1020	1 3/8	477	1020	1 3/8	477			
CIRCLING	1020	1	475	1020	1	475	1020	1 1/2	475	1100	2	555			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMBERT-ST LOUIS INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 543 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 05 MAY 2011	AMDT: ORIG DATED 10/27/2005

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 FEKRO ON V44 WESTBOUND, AND V88 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BREEZ ON V4 SOUTHEAST BOUND.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE AND CIRCLING RWY 17 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 543	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 10/27/2005

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.

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   BILNY K50    C     N38345103W090041046                      W0009     NAR           BILNY
        SUSAEAENRT   BREEZ K50    R   L N38354348W089342712                      W0013     NAR           BREEZ
        SUSAEAENRT   FEKRO K30    C   L N38361097W090204148                      W0007     NAR           FEKRO
        SUSAEAENRT   GEKKE K50    W     N38405959W090011391                      W0010     NAR           GEKKE
        SUSAEAENRT   JETIK K50    W     N39054012W090045469                      W0010     NAR           JETIK
        SUSAEAENRT   OGOVE K50    W     N38474527W090021407                      W0010     NAR           OGOVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5AALN     0     080YHN38532370W090024556W001000545         1800018000C    MNAR    ST LOUIS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5FR35   ABREEZ 010BREEZK5EA0E  A    IF                                                18000                B JS
        SUSAP KALNK5FR35   ABREEZ 020GEKKEK5EA0EE B 010TF                    28520216    + 02200                                B JS
        SUSAP KALNK5FR35   AFEKRO 010FEKROK3EA0E       IF                                                18000                B JS
        SUSAP KALNK5FR35   AFEKRO 020BILNYK5EA0E  A 020TF                    09680130    + 02700                                B JS
        SUSAP KALNK5FR35   AFEKRO 030GEKKEK5EA0EE B 010TF                    02160066    + 02200                                B JS
        SUSAP KALNK5FR35   AGEKKE 010GEKKEK5EA0EE AR   HF                    35440040    + 02200     18000                      B JS
        SUSAP KALNK5FR35   R      010GEKKEK5EA0E  I    IF                                + 02200     18000                      B JS
        SUSAP KALNK5FR35   R      020OGOVEK5EA1E  F 051TF                    35440068    + 02200                 RW35  K5PGB JS
        SUSAP KALNK5FR35   R      020OGOVEK5EA2WN          N          ALNAV                                                    JS
        SUSAP KALNK5FR35   R      030RW35 K5PGOGY M 031TF                    35440051      00586           -300               B JS
        SUSAP KALNK5FR35   R      040         0  M     CA                    3544        + 00945                              B JS
        SUSAP KALNK5FR35   R      050JETIKK5EA0EY       DF                              + 02200                              B JS
        SUSAP KALNK5FR35   R      060JETIKK5EA0EE  R    HM                    17430040    + 02200                              B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5GRW35    0064993544 N38524770W090025913-0100    +01341005430000431O0R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 545 THRE: 543	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALTON/ST LOUIS, IL	AIRPORT NAME: ST LOUIS RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 10/27/2005

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALNK5SRW35 K5PG               0    18018002725                                                          M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALTON/ST LOUIS, IL	**ELEVATION: 545** **THRE: 543** AIRPORT NAME: **ST LOUIS RGNL**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** 05 MAY 2011	SUP: AMDT: **ORIG** DATED: **10/27/2005**

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.
ALTON/ST LOUIS, IL	ST LOUIS RGNL	05 MAY 2011	2

TAKEOFF MINIMUMS:

RWY 11, 17, 29, 35 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TREE AND POLE BEGINNING 1066 FT FROM DER, 668 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/575 FT MSL. TREE 2822 FT FROM DER, 933 FT RIGHT OF CENTERLINE, 100 FT AGL/629 FT MSL.

NOTE: RWY 17, TREES BEGINNING 1063 FT FROM DER, 282 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/606 FT MSL. TREES BEGINNING 1321 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/621 FT MSL.

NOTE: RWY 29, TREES AND FLOODLIGHT ON HANGAR BEGINNING 665 FT FROM DER, 472 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/649 FT MSL. TREES BEGINNING 1570 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/604 FT MSL.

NOTE: RWY 35, TREES BEGINNING 1286 FT FROM DER, 477 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/ 596 FT MSL.

CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

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.
CHICAGO/PROSPECT HGTS/WHEELING, IL	CHICAGO EXECUTIVE	05 MAY 2011	3

TAKEOFF MINIMUMS:

RWY 6, 16, 24, 34: STANDARD.
RWY 12: 300-1½ OR STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FT PRIOR TO DER.
RWY 30: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FT PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, TREES BEGINNING 10 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/764 FT MSL. VEHICLES ON ROAD BEGINNING 102 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/661 FT MSL.
NOTE: RWY 12, VEHICLES ON ROADS BEGINNING 6 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/661 FT MSL. TREES BEGINNING 34 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/784 FT MSL. MULTIPLE ANTENNAS, BUILDINGS AND POLES BEGINNING 164 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 174 FT AGL/834 FT MSL.
NOTE: RWY 16, MULTIPLE ANTENNAS, BUILDINGS, AND POLES BEGINNING 91 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/675 FT MSL. VEHICLES ON ROAD BEGINNING 288 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/658 FT MSL. TREES BEGINNING 442 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 68 FT AGL/712 FT MSL.
NOTE: RWY 24, VEHICLES ON ROADS BEGINNING 1 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/666 FT MSL. MULTIPLE BUILDINGS, POLES AND TOWER BEGINNING 63 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 130 FT AGL/783 FT MSL. TREES BEGINNING 842 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 48 FT AGL/693 FT MSL.
NOTE: RWY 30, VEHICLES ON ROAD BEGINNING 4 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/666 FT MSL. FENCE 63 FT FROM DER, 24 FT RIGHT OF CENTERLINE, 12 FT AGL/652 FT MSL. MULTIPLE BUILDINGS, POLES AND TRANSMISSION TOWERS BEGINNING 70 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 128 FT AGL/778 FT MSL. TREES BEGINNING 77 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/759 FT MSL. ANTENNA 5087 FT FROM DER, 759 FT RIGHT OF CENTERLINE, 152 FT AGL/802 FT MSL.
NOTE: RWY 34, TREES BEGINNING 116 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 85 FT AGL/725 FT MSL. BLDG 718 FT FROM DER, 541 FT RIGHT OF CENTERLINE, 53 FT AGL/693 FT MSL.

CONTROLLING OBSTACLES:

RWY 12, 834 FT MSL BUILDING 420604.00N/0875211.00W
RWY 30, 802 FT MSL ANT ON WATER TWR 420725.61N/0875520.71W

QUALITY CHECKED

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
MONON (IAF)	DATEC (NOPT) (FB)	123.27 / 15.24	2500
BVT VORTAC (IAF)	DATEC (NOPT) (FB)	069.46 / 22.18	2500
DATEC (IF/IAF)	CEAST (FB)	093.21 / 6.10	2400
CEAST *(FAF)*	DOSAY/1.70 NM TO RW09 (FB)	093.30 / 3.40	
DOSAY/1.70 NM TO RW09	RW09 (MAP) (FO)	093.35 / 1.70	
RW09 (MAP)	1200 MSL	093.35	1200
1200 MSL	MONON (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 1200, THEN CLIMBING LEFT TURN TO 2500 DIRECT MONON AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 123.27 INBOUND.
CHART FAS OBST: 841 TREE 404250N/0862259W
CHART HILLTOP MOA.
CHART TWELVE MILE EAST MOA.
CHART TWELVE MILE WEST MOA.
DISTANCE TO THLD FROM 255 HATH: 0.67 NM.
WAAS CHANNEL # 45820
REFERENCE PATH ID: W09A
LTP HAE: 190.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W DATEC, LT, 093.21 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 093.30 FAF: CEAST DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: DATEC 2500, CEAST 2400, DOSAY/1.70 NM TO RW09 1300*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: CEAST 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW09 2600

MAG VAR: 4W 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	991	1	255	991	1	255	991	1	255	991	1	255			
LNAV/VNAV DA	1022	1	286	1022	1	286	1022	1	286	1022	1	286			
LNAV MDA	1100	1	364	1100	1	364	1100	1	364	1100	1	364			
CIRCLING	1160	1	422	1200	1	462	1200	1 1/2	462	1300	2	562			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GRISSOM ARB ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GRISSOM ARB ALTIMETER SETTING AND INCREASE ALL DA 36 FEET, ALL MDA 40 FEET, LNAV/VNAV ALL CATS AND LNAV CAT C AND D (SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 736	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 9 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BVT VORTAC AIRWAY RADIALS 337 CW 158.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: **LOGANSPORT/CASS COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 5 May 2011	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 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	KGGP
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	404240.2840N
LTP/FTP LONGITUDE	0862254.2000W
LTP/FTP ELLIPSOIDAL HEIGHT	+01901
FPAP LATITUDE	404241.2400N
FPAP LONGITUDE	0862057.0400W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3ED640E2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02243
FPAP ORTHOMETRIC HEIGHT	+02243

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	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)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BVT   K5011510VTHA N40332203W087040955    N40332203W087040955E0010007502     NARBOILER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEAST K50    W     N40423672W086293658                    W0042     NAR          CEAST
        SUSAEAENRT   DATEC K50    W     N40423195W086373780                    W0041     NAR          DATEC
        SUSAEAENRT   DOSAY K50    W     N40423914W086250832                    W0043     NAR          DOSAY
        SUSAEAENRT   MONON K50    C   L N40500054W086550636                    W0039     NAR          MONON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5AGGP     0     050YHN40424060W086222170W004000738        1800018000C    MNAR    LOGANSPORT/CASS COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5FR09   ABVT   010BVT  K5D 0V  A    IF                                          18000                A JS
        SUSAP KGGPK5FR09   ABVT   020DATECK5EA0EE B 010TF                   06950222    + 02500                      A JS
        SUSAP KGGPK5FR09   ADATEC 010DATECK5EA0EE AL   HF                   09320040    + 02500     18000            A JS
        SUSAP KGGPK5FR09   AMONON 010MONONK5EA0E  A    IF                                      18000                A JS
        SUSAP KGGPK5FR09   AMONON 020DATECK5EA0EE B 010TF                   12330152    + 02500                      A JS
        SUSAP KGGPK5FR09   R      010DATECK5EA0E  I    IF                               + 02500     18000            A JS
        SUSAP KGGPK5FR09   R      020CEASTK5EA1E  F 051TF                   09320061    + 02400                RW09  K5PGA JS
        SUSAP KGGPK5FR09   R      020CEASTK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KGGPK5FR09   R      021DOSAYK5EA0E S  031TF                   09330034    V 0130001317       -300          A JS
        SUSAP KGGPK5FR09   R      030RW09 K5PG0GY M 031TF                   09340017      00776            -300          A JS
        SUSAP KGGPK5FR09   R      040          0  M     CA                  0934        + 01200                      A JS
        SUSAP KGGPK5FR09   R      050MONONK5EA0EY  L    DF                               + 02500                      A JS
        SUSAP KGGPK5FR09   R      060MONONK5EA0EE  R    HM                  12330040    + 02500                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5GRW09     0050010934 N40424028W086225420+0100     +0190100736000040075R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 07/05/2007

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5PR09    RW09 001 0000W09A0N4042402840W08622542000+019010300N4042412400W086205704001067512240004 00F4005003ED640E2
        SUSAP KGGPK5PR09    RW09 002E       +02243+02243LPV       45820

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5SRW09 K5PG              0   18018002625                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 736	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: **LOGANSPORT/CASS COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 5 May 2011	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 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
TELEY (IAF)	WENGO (FB)	237.41 / 31.28	2400
MZZ VOR/DME (IAF)	WENGO (FB)	307.43 / 24.01	2400
WENGO (IF)	EJAJY (FB)	273.54 / 6.10	2400
EJAJY (FAF)	JIPID/2.50 NM TO RW27 (FB)	273.46 / 2.59	
JIPID/2.50 NM TO RW27	RW27 (MAP) (FO)	273.41 / 2.50	
RW27 (MAP)	938 MSL	273.41	
938 MSL	DATEC (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 2500 DIRECT DATEC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, LT, 093.21 INBOUND.
CHART FAS OBST: 839 TREE 404300N/0862109W
CHART HILLTOP MOA.
CHART TWELVE MILE EAST MOA.
DISTANCE TO THLD FROM 200 HATH: 0.50 NM.
CHART VDP AT 1.06 MILES TO RW27*
*LNAV ONLY.
WAAS CHANNEL # 70703
REFERENCE PATH ID: W27A
LTP HAE: 190.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WENGO
3. FAC: 273.45 FAF: EJAJY DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: WENGO 2400, EJAJY 2400, JIPID/2.50 NM TO RW27 1560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: EJAJY 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW27 2600

MAG VAR: 4W 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	938	3/4	200	938	3/4	200	938	3/4	200	938	3/4	200			
LNAV/VNAV DA	1020	7/8	282	1020	7/8	282	1020	7/8	282	1020	7/8	282			
LNAV MDA	1100	1	362	1100	1	362	1100	1	362	1100	1	362			
CIRCLING	1160	1	422	1200	1	462	1200	1 1/2	462	1300	2	562			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GRISSOM ARB ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TELEY ON V38-144 EASTBOUND.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 738 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	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.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MZZ VOR/DME AIRWAY RADIALS 221 CW 040.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP NA WITH GRISSOM ARB ALTIMETER SETTING.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GRISSOM ARB ALTIMETER SETTING AND INCREASE ALL DA 36 FEET, ALL MDA 40 FEET AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE AND LNAV CAT C/D VISIBILITY 1/8 MILE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 738	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: **LOGANSPORT/CASS COUNTY**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 1** 5 May 2011	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 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	KGGP
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	404240.8170N
LTP/FTP LONGITUDE	0862149.2645W
LTP/FTP ELLIPSOIDAL HEIGHT	+01909
FPAP LATITUDE	404239.8400N
FPAP LONGITUDE	0862346.4200W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	7042B77E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02251
FPAP ORTHOMETRIC HEIGHT	+02251

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 738	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	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 aiport 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        MZZ    K5010860VDLA N40293604W085404532    N40293604W085404532W0030008501     NARMARION

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DATEC K50    W     N40423195W086373780                    W0041     NAR          DATEC
        SUSAEAENRT   EJAJY K50    W     N40424393W086150752                    W0044     NAR          EJAJY
        SUSAEAENRT   JIPID K50    W     N40424240W086183202                    W0044     NAR          JIPID
        SUSAEAENRT   TELEY K50    C   L N41013113W085340479                    W0050     NAR          TELEY
        SUSAEAENRT   WENGO K50    W     N40424715W086070639                    W0045     NAR          WENGO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5AGGP     0     050YHN40424060W086222170W004000738         1800018000C    MNAR    LOGANSPORT/CASS COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5FR27   AMZZ   010MZZ  K5D 0V  A    IF                                                18000                A JS
        SUSAP KGGPK5FR27   AMZZ   020WENGOK5EA0EE B 010TF                    30740240    + 02400                               A JS
        SUSAP KGGPK5FR27   ATELEY 010TELEYK5EA0E  A    IF                                                18000                A JS
        SUSAP KGGPK5FR27   ATELEY 020WENGOK5EA0EE B 010TF                    23740313    + 02400                               A JS
        SUSAP KGGPK5FR27   R      010WENGOK5EA0E  I    IF                                + 02400     18000                A JS
        SUSAP KGGPK5FR27   R      020EJAJYK5EA1E  F 051TF                    27350061    + 02400                 RW27  K5PGA JS
        SUSAP KGGPK5FR27   R      020EJAJYK5EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KGGPK5FR27   R      021JIPIDK5EA0E S  031TF                    27350026    V 0156001575        -300            A JS
        SUSAP KGGPK5FR27   R      030RW27 K5PG0GY M 031TF                    27340025      00778             -300            A JS
        SUSAP KGGPK5FR27   R      040         0  M     CA                    2734        + 00938                               A JS
        SUSAP KGGPK5FR27   R      050DATECK5EA0EY       DF                              + 02500                               A JS
        SUSAP KGGPK5FR27   R      060DATECK5EA0EE  L    HM                    09320040    + 02500                               A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5GRW27    0050012734 N40424082W086214926-0100    +01909007380000400 75R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 738	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	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 aiport 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 KGGPK5PR27   RW27 001 0000W27A0N4042408170W08621492645+019090300N4042398400W0862346420010675122400040OF4003507042B77E
        SUSAP KGGPK5PR27   RW27 002E      +02251+02251LPV       70703

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGGPK5SRW27 K5PG              0   18018002625                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 738 THRE: 738	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT/CASS COUNTY	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 07/05/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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 5 May 2011

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 738 TDZE: 738	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LOGANSPORT, IN	AIRPORT NAME: LOGANSPORT MUNI	OKK	VOR/DME RNAV RWY 27, AMDT 3, 06/22/1995	AMDT 2
				DATE 21 NOV 85

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

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 05 MAY 2011

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 352 TDZE: 348	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AUGUSTA, ME	AIRPORT NAME: **AUGUSTA STATE**	**GPS**	**GPS RWY 17, ORIG-A, 10/24/2008**	AMDT **ORIG**
				DATE **09/09/1999**

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
NOLLI	UPDIZ (FO)	042.50 / 23.76	2800
YOSTT	UPDIZ (FO)	290.64 / 16.92	2800
ANSYN	VIENA (FB)	184.74 / 10.89	3500
VIENA (IAF)	UPDIZ (NOPT) (FB)	184.77 / 5.00	2800
UPDIZ (IF/IAF)	EMUSK (FB)	171.01 / 6.01	1900
EMUSK (FAF)	ZAKUX/2.00 NM TO RW17 (FB)	171.05 / 2.80	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT RAZZR AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N UPDIZ, RT, 171.01 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
3. FAC: 171.05 FAF: EMUSK DIST FAF TO MAP: 4.80 THLD: 4.80
4. MIN. ALT: UPDIZ 2800, EMUSK 1900, ZAKUX/2.00 NM TO RW17 1000*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: EMUSK 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.6 34:1 IS CLEAR
8. MSA FROM: RW17 3100

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 321.16 INBOUND.
CHART FAS OBST: 389 TREE 441950N/0694904W
DISTANCE TO THLD FROM 200 HATH: 0.44 NM.
CHART VDP AT 0.85 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 70720
REFERENCE PATH ID: W17A
LTP HAE: 68.7 M

MAG VAR: 18W EPOCH YEAR: 1985

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	511	1/2	200	511	1/2	200	511	1/2	200	511	1/2	200			
LNAV/VNAV DA	638	5/8	327	638	5/8	327	638	5/8	327	638	5/8	327			
LNAV MDA	640	1/2	329	640	1/2	329	640	1/2	329	640	1/2	329			
CIRCLING	960	1	608	980	1	628	980	1 3/4	628	980	2	628			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING WATERVILLE ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 352 THRE: 311	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, ME	AIRPORT NAME: AUGUSTA STATE	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZAKUX/2.00 NM TO RW17	RW17 (MAP) (FO)	171.08 / 2.00	
RW17 (MAP)	800 MSL	171.08	800
800 MSL	RAZZR (FO)		3000

NOTES, (CONT.):
CHART NOTE: VDP AND BARO-VNAV NA WITH WATERVILLE ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WATERVILLE ALTIMETER SETTING AND INCREASE ALL DA 35 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -30C (-22F) OR ABOVE 41C (105F).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANSYN ON V104 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YOSTT ON V3 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOLLI ON V3-39 WESTBOUND.
CHART NOTE: CIRCLING TO RWY 8 AND 26 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 311 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, ME	AUGUSTA STATE	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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	KAUG
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	441939.5630N
LTP/FTP LONGITUDE	0694813.2375W
LTP/FTP ELLIPSOIDAL HEIGHT	+00687
FPAP LATITUDE	441820.1000N
FPAP LONGITUDE	0694717.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00059.6
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)	35.0
CRC REMAINDER	D24EE8BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00946
FPAP ORTHOMETRIC HEIGHT	+00946

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 311	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, ME	AIRPORT NAME: AUGUSTA STATE	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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 visiblities 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   ANSYN K60    R   L N44444604W070000903                    W0164     NAR          ANSYN
          SUSAEAENRT   EMUSK K60    W     N44235656W069511521                    W0163     NAR          EMUSK
          SUSAEAENRT   NOLLI K60    C   L N44074148W070084896                    W0161     NAR          NOLLI
          SUSAEAENRT   RAZZR K60    C   L N44131651W069351225                    W0163     NAR          RAZZR
          SUSAEAENRT   UPDIZ K60    W     N44291772W069550331                    W0163     NAR          UPDIZ
          SUSAEAENRT   VIENA K60    W     N44340976W069563921                    W0163     NAR          VIENA
          SUSAEAENRT   YOSTT K60    C   L N44283337W069312637                    W0165     NAR          YOSTT
          SUSAEAENRT   ZAKUX K60    W     N44212656W069492894                    W0163     NAR          ZAKUX

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KAUGK6AAUG     0     050YHN44191434W069475035W018000352         1800018000C    MNAR    AUGUSTA STATE

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KAUGK6FR17   AANSYN 010ANSYNK6EA0E       IF                                    18000                A JS
          SUSAP KAUGK6FR17   AANSYN 020VIENAK6EA0E  A 020TF                  18470109    + 03500                    A JS
          SUSAP KAUGK6FR17   AANSYN 030UPDIZK6EA0EE B 010TF                  18480050    + 02800                    A JS
          SUSAP KAUGK6FR17   ANOLLI 010NOLLIK6EA0E       IF                                    18000                A JS
          SUSAP KAUGK6FR17   ANOLLI 020UPDIZK6EA0EY   020TF                  04250238    + 02800                    A JS
          SUSAP KAUGK6FR17   ANOLLI 030UPDIZK6EA0EE AR   HF                 17100040    + 02800                    A JS
          SUSAP KAUGK6FR17   AYOSTT 010YOSTTK6EA0E       IF                                    18000                A JS
          SUSAP KAUGK6FR17   AYOSTT 020UPDIZK6EA0EY   020TF                  29060169    + 02800                    A JS
          SUSAP KAUGK6FR17   AYOSTT 030UPDIZK6EA0EE AR   HF                 17100040    + 02800                    A JS
          SUSAP KAUGK6FR17   R       010UPDIZK6EA0E  I    IF                            + 02800      18000         A JS
          SUSAP KAUGK6FR17   R       020EMUSKK6EA1E  F 051TF                  17100060    + 01900                RW17  K6PGA JS
          SUSAP KAUGK6FR17   R       020EMUSKK6EA2WALPV       ALNAV/VNAV ALNAV                                        JS
          SUSAP KAUGK6FR17   R       021ZAKUXK6EA0E S  031TF                  17110028    V 0100001007       -300      A JS
          SUSAP KAUGK6FR17   R       030RW17 K6PG0GY M 031TF                  17110020      00370            -300      A JS
          SUSAP KAUGK6FR17   R       040          0  M     CA                 1711        + 00800                    A JS
          SUSAP KAUGK6FR17   R       050RAZZRK6EA0EY  L    DF                            + 03000                    A JS
          SUSAP KAUGK6FR17   R       060RAZZRK6EA0EE  R    HM                 32120040    + 03000                    A JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 311	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, ME	AIRPORT NAME: AUGUSTA STATE	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	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.

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            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUGK6GRW17     0050011711 N44193956W069481324+0700     +0068700311000061150I

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUGK6PR17    RW17 001 0000W17A0N4419395630W06948132375+006870300N4418201000W069471708001067512240005 96F400350D24EE8BB
        SUSAP KAUGK6PR17    RW17 002E       +00946+00946LPV        70720

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUGK6SRW17 K6PG                0   18018003125                                                                   M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 311	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUGUSTA, ME	AIRPORT NAME: AUGUSTA STATE	RNAV	RNAV (GPS) RWY 17, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR 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
UNCAP/AUG 11.00 DME	AUG VOR/DME	166.00 / 11.00	3000

MISSED APPROACH

MAP: AUG VOR/DME

CLIMB TO 1200 ON AUG VOR/DME R-346 THEN CLIMBING LEFT TURN TO 2300 DIRECT AUG VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 3000 ON AUG VOR/DME R-346 TO UNCAP/11.00 DME AND HOLD (DME REQUIRED).

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 166.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N UNCAP/11.00 DME, RT, 166.00 INBOUND.
CHART FAS OBST: 582 TREE 441802N/0694747W
DACCI TO RW35: 3.00/46.
FAC 163R OF RWY C/L EXTENDED 3000 FROM THLD.

1. PT L SIDE OF COURSE 174.00 OUTBOUND 2200 FT WITHIN 10 MILES OF AUG VOR/DME (IAF)
2.
3. FAC 354.00 FAF DIST FAF TO MAP THLD
4. MIN. ALT DACCI/2.50 DME 1100
8. MSA FROM: AUG VOR/DME 045-225 2600, 225-045 3100

MAG VAR: 18W EPOCH YEAR: 1985

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-35	1100	1	753	1100	1 1/4	753	1100	2	753	1100	2	753			
CIRCLING	1100	1	748	1100	1 1/4	748	1100	2 1/4	748	1100	2 1/2	748			
DACCI FIX MINIMUMS															
S-35	840	1	493	840	1	493	840	1 3/8	493	840	1 3/8	493			
CIRCLING	960	1	608	980	1	628	980	1 3/4	628	980	2	628			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WATERVILLE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE S-35 CATS C AND D VISIBILITY 1/2 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE, INCREASE DACCI FIX MINIMUMS S-35 CATS C AND D VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 347 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AUGUSTA, ME	AUGUSTA STATE	AUG	VOR RWY 35, AMDT 6 05 MAY 2011	AMDT 5A DATE 01/18/2007

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 8 AND 26 NA AT NIGHT.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
AUGUSTA, ME	**ELEVATION: 352** **THRE: 347** AIRPORT NAME: **AUGUSTA STATE**	**AUG**	**VOR RWY 35, AMDT 6** 05 MAY 2011	SUP: AMDT: **5A** DATED: **01/18/2007**

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
QUIPS/11.00 DME CW (IAF)	UNCAP/11.00 DME	11.00 DME ARC (AUG LR-335)	2800
VEEDA/11.00 DME CCW (IAF)	UNCAP/11.00 DME	11.00 DME ARC (AUG LR-357)	2800
UNCAP/11.00 DME (IF)	YEGAR/4.80 DME	166.00 / 6.20 (AUG R-346)	1800

MISSED APPROACH

MAP: OFVOH/ 0.55 DME

CLIMB TO 1500 ON AUG VOR/DME R-166 THEN CLIMBING LEFT TURN TO 2300 DIRECT AUG VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3000 ON AUG VOR/DME R-141 TO RAZZR/10.81 DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UNCAP/11.00 DME
3. FAC 166.00 FAF YEGAR/4.80 DME DIST FAF TO MAP ____ THLD 4.25
4. MIN. ALT UNCAP 2800, YEGAR 1800, AKING/2.88 DME 1140
8. MSA FROM: AUG VOR/DME 045-225 2600, 225-045 3100

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 166.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE RAZZR/10.81 DME, RT, 321.16 INBOUND.
CHART FAS OBST: 509 TREE 442127N/0695139W
CHART VDP AT 1.78 DME;
DISTANCE VDP TO THLD 1.22 MILES.
CHART AUG R-069 AT VEEDA.
CHART AUG R-251 AT QUIPS.
CHART IN PLANVIEW: RAZZR/10.81 DME.
YEGAR TO RW17: 3.17/60.
FAC CROSSES RWY C/L EXTENDED 1166 FROM THLD.

MAG VAR: 18W EPOCH YEAR: 1985

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-17	760	1/2	449	760	1/2	449	760	7/8	449	760	7/8	449			
CIRCLING	960	1	608	980	1	628	980	1 3/4	628	980	2	628			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WATERVILLE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE S-17 CATS C AND D VISIBILITY 1/8 MILE.
CHART NOTE: VDP NA WITH WATERVILLE ALTIMETER SETTING.
CHART NOTE: CIRCLING TO RWY 8 AND 26 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 311 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AUGUSTA, ME	AUGUSTA STATE	AUG	VOR/DME RWY 17, AMDT 5 05 MAY 2011	AMDT 4A DATE 07/08/1988

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
VEEDA/11.00 DME (IF/IAF)	SCOTI/5.00 DME	249.32 / 6.00 (AUG R-069)	2000

MISSED APPROACH

MAP: IWKIC/ 1.00 DME

CLIMBING RIGHT TURN TO 2300 ON AUG VOR/DME R-346, THEN LEFT TURN DIRECT AUG VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 3000 ON AUG VOR/DME R-251 TO QUIPS/11.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 166.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W QUIPS/11.00 DME, LT, 070.84 INBOUND.
CHART FAS OBST: 600 TOWER 442002N/0694628W
CHART IN PLANVIEW: QUIPS/11.00 DME.
FAC CROSSES MID POINT OF RWY 17-35.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E VEEDA, RT, 249.32 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC 249.32 FAF SCOTI/5.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT VEEDA 3000, SCOTI 2000
8. MSA FROM: AUG VOR/DME 045-225 2600, 225-045 3100

MAG VAR: 18W EPOCH YEAR:1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | CIRCLING: 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	960	1	608	980	1	628	980	1 3/4	628	980	2	628			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WATERVILLE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
CHART NOTE: CIRCLING TO RWY 8 AND 26 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVALS ON V3 WESTBOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 352 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AUGUSTA, ME	AUGUSTA STATE	AUG	VOR/DME-A, AMDT 12 05 MAY 2011	AMDT 11A DATE 07/10/2003

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

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
APN VORTAC	FELPS LOM/APN 7.32 DME	188.28 / 7.32	2800
AILES INT (IAF)	YARLU/APN 13.32 DME	090.00 / 3.93 & 006.80 / 2.72 (I-APN)	2800
YARLU/APN 13.32 DME (IF)	FELPS LOM/APN 7.32 DME	006.80 / 6.00 (I-APN)	2800

MISSED APPROACH

ILS: DA
LOC: 6.25 MILES AFTER FELPS LOM/APN 7.32 DME OR AT APN VORTAC 1.09 DME FIX

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2800 DIRECT AP LOM AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 2800 DIRECT APN VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 007.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N APN VORTAC, RT, 175.00 INBOUND.
CHART FAS OBST: 799 TREE 450304N/0833358W
CHART IN PLANVIEW: APN VORTAC.
CHART (IYIJY) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT L SIDE OF COURSE 186.80 OUTBOUND 2800 FT WITHIN 10 MILES OF FELPS LOM (IAF)
2.
3. FAC: 006.80 FAF: FELPS LOM/APN 7.32 DME DIST FAF TO MAP: 6.25 THLD: 6.25
4. MIN. ALT: FELPS LOM 2800, HOMSU/ 2.78 DME 1260*
5. DIST TO THLD FROM OM: 6.25 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 959
6. MIN GS INCPT: 2800 GS ALT AT:- OM: 2761 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 52.0
8. MSA FROM: APN VORTAC 360-270 2700, 270-360 3500

MAG VAR: 7W 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
S-ILS 1	883	1/2	200	883	1/2	200	883	1/2	200	883	1/2	200			
S-LOC 1	1260	1/2	577	1260	1/2	577	1260	1 1/4	577	1260	1 1/4	577			
CIRCLING	1260	1	570	1260	1	570	1260	1 5/8	570	1260	2	570			
HOMSU FIX MINIMUMS															
S-LOC 1	1140	1/2	457	1140	1/2	457	1140	7/8	457	1140	7/8	457			
CIRCLING	1140	1	450	1140	1	450	1140	1 1/2	450	1260	2	570			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 1 CAT C/D VISIBILITY TO 1 5/8 MILE.
CHART NOTE: ADF REQUIRED.
*LOC ONLY

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 690 THRE: 683 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALPENA, MI	ALPENA COUNTY RGNL	I-APN	ILS OR LOC RWY 1, AMDT 9	AMDT: 8D
			5 May 2011	DATED 08/26/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        APN   K5010880VTLA N45045800W083332522    N45045800W083332522W0070006771     NARALPENA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AILES K50    R   L N44482714W083390513                     W0076     NAR           AILES
        SUSAEAENRT   FELPS K50    R   L N44573878W083333909                     W0077     NAR           FELPS LOM
        SUSAEAENRT   IYIJY K50    W     N44485573W083333652                     W0076     NAR           CNF(IYIJY)
        SUSAEAENRT   YARLU K50    R     N44513881W083333732                     W0077     NAR           YARLU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPNK5AAPN     0     090YHN45044110W083333710W007000690        1800018000C    MNAR    ALPENA COUNTY RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPNK5FI01   AAILES 010AILESK5EA0E  A    IF                                          18000                0 NS
        SUSAP KAPNK5FI01   AAILES 020IYIJYK5EA0E       TF                                  + 02800                      0 NS
        SUSAP KAPNK5FI01   AAILES 030YARLUK5EA0EE B    CF IAPNK5      1868013900680027PI   + 02800                      0 NS
        SUSAP KAPNK5FI01   AAPN   010APN  K5D 0V       IF                                          18000                0 NS
        SUSAP KAPNK5FI01   AAPN   020AP   K5PN0N       TF                                  + 02800                      0 NS
        SUSAP KAPNK5FI01   AAPN   030AP   K5PN0NE AR   PI APN K5      1880007314180100D    + 02800                      0 NS
        SUSAP KAPNK5FI01   I      010YARLUK5EA0E  I    IF IAPNK5      18680139        PI   J 028000280018000            0 NS
        SUSAP KAPNK5FI01   I      020FELPSK5EA0E  F    CF IAPNK5      1868007900700060PI   H 0280002761       -300APN   K5D 0 NS
        SUSAP KAPNK5FI01   I      030RW01 K5PG0GY M    CF IAPNK5      1868001600700063PI     00735            -300         0 NS
        SUSAP KAPNK5FI01   I      040          0  M     CA                      0068         + 01100                      0 NS
        SUSAP KAPNK5FI01   I      050AP   K5PN0NY  L   DF                               + 02800                      0 NS
        SUSAP KAPNK5FI01   I      060AP   K5PN0NE  R   HM                      0070T010     + 02800                      0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPNK5GRW01    0090010068 N45035379W083334093+0000    +0171800683000052150IIAPN1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPNK5IIAPN1   010970RW01 N45053272W0833341410068N45040328W0833335401019 09590400300W00705200681
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 690 THRE: 683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALPENA, MI	AIRPORT NAME: ALPENA COUNTY RGNL	I-APN	ILS OR LOC RWY 1, AMDT 9 5 May 2011	AMDT: 8D
				DATED: 08/26/2010

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPNK5SAPN  K5D                0   090180035251800900272 5                                                        M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKAPNK5 AP    K5002060HOLW N44573879W083333631                    W0070          NARFELPS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 690 THRE: 683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALPENA, MI	AIRPORT NAME: ALPENA COUNTY RGNL	I-APN	ILS OR LOC RWY 1, AMDT 9 5 May 2011	AMDT: 8D
				DATED: 08/26/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	AILES	AILES	010	IAF	IF		FB					
	AILES	IYIJY	020		TF		FB				AA 02800	
	AILES	YARLU	030		CF		FB		006.8()	002.7	AA 02800	
	APN	APN	010		IF		FB					
	APN	AP	020		TF		FB				AA 02800	
	APN	AP	030	IAF	PI	R	FB		141.8()	010.0	AA 02800	
		YARLU	010	FACF	IF		FB				AA 02800 GI 02800	
		FELPS	020	FAF	CF		FB		007.0()	006.0	GI 02800 GS 02761	
		RW01	030	MAP	CF		FO		007.0()	006.3	AT 00735	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		006.8()		AA 01100	
	AP	050		DF	L	FO				AA 02800	
	AP	060		HM	R	FO		007.0()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APN	N450458.00	W0833325.22	N4504.967	W08333.420
	AILES	N444827.14	W0833905.13	N4448.452	W08339.086
	FELPS	N445738.78	W0833339.09	N4457.646	W08333.652
	IYIJY	N444855.73	W0833336.52	N4448.929	W08333.609
	YARLU	N445138.81	W0833337.32	N4451.647	W08333.622
	RW01	N450353.79	W0833340.93	N4503.897	W08333.682
	IAPN (LOC)	N450532.72	W0833341.41	N4505.545	W08333.690
	AP	N445738.79	W0833336.31	N4457.647	W08333.605

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00683	52

QUALITY CHECKED

CITY AND STATE	ELEVATION: 690 THRE: 683	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALPENA, MI	AIRPORT NAME: **ALPENA COUNTY RGNL**	**I-APN**	**ILS OR LOC RWY 1, AMDT 9** 5 May 2011	AMDT: **8D**
				DATED: **08/26/2010**

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
YACNU (IF/IAF)	VUZJU (FB)	059.37 / 7.00	2500
VUZJU *(FAF)*	RW06 (MAP) (FO)	059.46 / 5.11	
RW06 (MAP)	1081 MSL	059.46	
1081 MSL	VAQOL (FO)		*3000*

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 3000 DIRECT VAQOL AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW YACNU, RT, 059.37 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 059.46 FAF: VUZJU DIST FAF TO MAP: 5.11 THLD: 5.11
4. MIN. ALT: YACNU 3000, VUZJU 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: VUZJU 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 239.68 INBOUND.
CHART FAS OBST: 926 TREE 421255N/0834513W
FAS OBST: 1109 AAO 421112N/0835038W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.60 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 77601
REFERENCE PATH ID: W06A
LTP HAE: 219.2 M

MAG VAR: 5W EPOCH YEAR: 1980

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	1081	7/8	250	1081	7/8	250	1081	7/8	250	1081	7/8	250			
LNAV/VNAV DA	1097	7/8	266	1097	7/8	266	1097	7/8	266	1097	7/8	266			
LNAV MDA	1360	1	529	1360	1	529	1360	1 1/2	529	1360	1 1/2	529			
CIRCLING	1500	1	661	1500	1	661	1500	1 3/4	661	1500	2	661			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING WILLOW RUN ALTIMETER SETTING.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 831 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 6, AMDT 2	AMDT: 1
			5 May 2011	DATED 11/23/2006

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOW RUN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY AND LNAV CATS C AND D VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	329/30 CW 149/30 (NOPT)	YACNU (IF/IAF) (FB)	3000
2.	149/30 CW 329/30	YACNU (IF/IAF) (FO)	3100

QUALITY CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 831	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 May 2011	AMDT: 1
				DATED: 11/23/2006

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARB
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	421312.8775N
LTP/FTP LONGITUDE	0834500.3825W
LTP/FTP ELLIPSOIDAL HEIGHT	+02192
FPAP LATITUDE	421404.6000N
FPAP LONGITUDE	0834322.7100W
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	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7B8AD89C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02534
FPAP ORTHOMETRIC HEIGHT	+02534

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 831	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 May 2011	AMDT: 1
				DATED: 11/23/2006

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   VAQOL K50    W     N42203214W083310804                    W0070     NAR           VAQOL
          SUSAEAENRT   VUZJU K50    W     N42101457W083503642                    W0067     NAR           VUZJU
          SUSAEAENRT   YACNU K50    W     N42061008W083581553                    W0066     NAR           YACNU

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5AARB     0      035YHN42132274W083444419W005000839         1800018000C    MNAR    ANN ARBOR MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5FR06   AYACNU 010YACNUK5EA0EE AR   HF                    05940050    + 03000     18000                A JS
          SUSAP KARBK5FR06   R      010YACNUK5EA0E  I    IF                                + 03000     18000                A JS
          SUSAP KARBK5FR06   R      020VUZJUK5EA1E  F 051TF                    05940070    + 02500                          A JS
          SUSAP KARBK5FR06   R      020VUZJUK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
          SUSAP KARBK5FR06   R      030RW06 K5PG0GY M 031TF                    05950051      00871             -300         A JS
          SUSAP KARBK5FR06   R      040         0  M  010CA                    0595        + 01081                          A JS
          SUSAP KARBK5FR06   R      050VAQOLK5EA0EY   010DF                               + 03000                          A JS
          SUSAP KARBK5FR06   R      060VAQOLK5EA0EE  R020HM                    23970050    + 03000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5GRW06    0035050595 N42131288W083450038-0200    +0219200831000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5PR06   RW06 001 0000W06A0N4213128775W08345003825+021920300N4214046000W0834322710010675168000040 0F4005007B8AD89C
          SUSAP KARBK5PR06   RW06 002E      +02534+02534LPV       77601
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 839 TPRE: 831	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 May 2011	AMDT: 1 DATED: 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
VAQOL (IF/IAF)	WUVRU (FB)	239.68 / 6.93	2500
WUVRU (FAF)	ISPIW/2.50 NM TO RW24 (FB)	239.59 / 2.63	
ISPIW/2.50 NM TO RW24	RW24 (MAP) (FO)	239.56 / 2.50	
RW24 (MAP)	1076 MSL	239.56	
1076 MSL	YACNU (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 3000 DIRECT YACNU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 059.37 INBOUND.
CHART FAS OBST: 989 TREE 421349N/0834259W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
WAAS CHANNEL # 61120
REFERENCE PATH ID: W24A
LTP HAE: 217.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE VAQOL, RT, 239.68 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 239.59 FAF: WUVRU DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: WUVRU 2500, ISPIW/2.50 NM TO RW24 1660*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WUVRU 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 5W EPOCH YEAR: 1980

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	1076	1	250	1076	1	250	1076	1	250	1076	1	250			
LNAV/VNAV DA	1150	1	324	1150	1	324	1150	1	324	1150	1	324			
LNAV MDA	1300	1	474	1300	1	474	1300	1 1/4	474	1300	1 1/4	474			
CIRCLING	1500	1	661	1500	1	661	1500	1 3/4	661	1500	2	661			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 826	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 24, AMDT 2 5 May 2011	AMDT: 1
				DATED 11/23/2006

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: INOPERATIVE TABLE DOES NOT APPLY TO LPV, LNAV/VNAV, LNAV CATS A/B.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLOW RUN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV CATS C/D VISIBILITY 1/8 MILE, AND INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F).

CHART NOTE: BARO-VNAV NA WHEN USING WILLOW RUN ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE ODALS INCREASE LNAV CATS C/D VISIBILITY TO 1 3/8.
CHART NOTE: FOR INOPERATIVE ODALS WHEN USING WILLOW RUN ALTIMETER SETTING INCREASE LNAV/VNAV VISIBILITY ALL CATS TO 1 1/8 AND LNAV CATS C/D VISIBILITY TO 1 3/8.

TAA

	FROM	TO	ALT
1.	150/30 CW 330/30 (NOPT)	VAQOL (IF/IAF) (FB)	3000
2.	330/30 CW 150/30	VAQOL (IF/IAF) (FO)	3100

QUALITY b CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 826	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 24, AMDT 2 5 May 2011	AMDT: 1
				DATED: 11/23/2006

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	KARB
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	421332.9680N
LTP/FTP LONGITUDE	0834422.4465W
LTP/FTP ELLIPSOIDAL HEIGHT	+02176
FPAP LATITUDE	421241.2400N
FPAP LONGITUDE	0834600.1000W
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	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F15FFE25

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02518
FPAP ORTHOMETRIC HEIGHT	+02518

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 839 THRE: 826	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 24, AMDT 2 5 May 2011	AMDT: 1 DATED: 11/23/2006

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ISPIW K50    W     N42150001W083413796                    W0068     NAR           ISPIW
          SUSAEAENRT   VAQOL K50    W     N42203214W083310804                    W0070     NAR           VAQOL
          SUSAEAENRT   WUVRU K50    W     N42163154W083384472                    W0069     NAR           WUVRU
          SUSAEAENRT   YACNU K50    W     N42061008W083581553                    W0066     NAR           YACNU

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5AARB     0     035YHN42132274W083444419W005000839         1800018000C    MNAR    ANN ARBOR MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5FR24   AVAQOL 010VAQOLK5EA0EE AR   HF                    23970050    + 03000     18000                A JS
          SUSAP KARBK5FR24   R      010VAQOLK5EA0E  I    IF                                + 03000     18000                A JS
          SUSAP KARBK5FR24   R      020WUVRUK5EA1E  F 051TF                    23970069    + 02500                          A JS
          SUSAP KARBK5FR24   R      020WUVRUK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
          SUSAP KARBK5FR24   R      021ISPIWK5EA0E S  031TF                    23960026    V 0166001662        -300         A JS
          SUSAP KARBK5FR24   R      030RW24 K5PG0GY M 031TF                    23960025      00866             -300         A JS
          SUSAP KARBK5FR24   R      040         0  M  010CA                    2396        + 01076                          A JS
          SUSAP KARBK5FR24   R      050YACNUK5EA0EY   010DF                               + 03000                          A JS
          SUSAP KARBK5FR24   R      060YACNUK5EA0EE  R020HM                    05940050    + 03000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5GRW24    0035052395 N42133297W083442245+0200    +0217600826000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KARBK5PR24   RW24 001 0000W24A0N4213329680W08344224465+021760300N4212412400W083460010001067516800004O0F400500F15FFE25
          SUSAP KARBK5PR24   RW24 002E      +02518+02518LPV       61120
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CITY AND STATE	ELEVATION: 839 THRE: 826	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANN ARBOR, MI	AIRPORT NAME: ANN ARBOR MUNI	RNAV	RNAV (GPS) RWY 24, AMDT 2 5 May 2011	AMDT: 1
				DATED: 11/23/2006

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
BTL VORTAC	BATOL LOM/INT/BTL VORTAC 4.35 DME	045.99 / 4.35	2600

MISSED APPROACH

ILS: DA
LOC: 3.74 MILES AFTER BATOL LOM/INT/BTL VORTAC 4.35 DME

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON BTL VORTAC R-177 TO REIMN INT/BTL VORTAC 6.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 357.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE BATOL LOM INT/BTL VORTAC 4.35 DME, RT, 226.61 INBOUND.
CHART FAS OBST: 999 TREE 421909N/0851356W
CHART: ASR.
CHART IN PLANVIEW: (BXCND) AT 422611.65N/0850527.81W &DME FROM BTL VORTAC.

1. PT L SIDE OF COURSE 046.61 OUTBOUND 2600 FT WITHIN 10 MILES OF BATOL LOM (IAF)
2.
3. FAC: 226.61 FAF: BATOL LOM/INT/BTL VORTAC 4.35 DME DIST FAF TO MAP: 3.74 THLD: 3.74
4. MIN. ALT: BATOL LOM 2200, WOMRA/BTL VORTAC 2.22 DME 1440*
5. DIST TO THLD FROM OM: 3.74 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 944
6. MIN GS INCPT: 2200 GS ALT AT: - OM: 2173 MM: - IM: -
7. GS ANGLE: 2.98 TCH: 49.4
8. MSA FROM: BT LOM 3000

MAG VAR: 4W EPOCH YEAR: 1985

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 23R**	1128	2400	200	1128	2400	200	1128	2400	200	1128	2400	200			
S-LOC 23R	1440	2400	512	1440	2400	512	1440	5500	512	1440	5500	512			
CIRCLING	1440	1	488	1440	1	488	1480	1 1/2	528	1520	2	568			
WOMRA FIX MINIMUMS&															
S-LOC 23R	1340	2400	412	1340	2400	412	1340	4000	412	1340	4000	412			
CIRCLING	1420	1	468	1440	1	488	1480	1 1/2	528	1520	2	568			

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
*LOC ONLY
*1560 WHEN USING GRAND RAPIDS ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND RAPIDS ALTIMETER SETTING: (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 928 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 23
BATTLE CREEK, MI	W K KELLOGG	I-BTL	ILS OR LOC RWY 23R, AMDT 18 5 May 2011	AMDT: 17C DATED 04/10/2008

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.

MISSED APPROACH INSTRUCTIONS, (CONT.):
3000 DIRECT BATOL LOM/INT/BTL VORTAC 4.35 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

NOTES, (CONT.):
INCREASE ALL DA 106 FEET; INCREASE ALL MDA 120 FEET, S-LOC 23R CATS C AND D VISIBILITY TO 1 3/8 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. WOMRA FIX MINIMUMS INCREASE S-LOC 23R CATS C AND D VISIBILITY TO RVR 5000 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 23R CATS C AND D VISIBILITY TO 1 3/8 MILE. WOMRA FIX MINIMUMS INCREASE S-LOC 23R CATS C AND D VISIBILITY 1 1/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GRAND RAPIDS ALTIMETER SETTING, INCREASE S-LOC 23R CATS C AND D VISIBILITY 1 3/4 MILE.
CHART NOTE: CIRCLING NA TO RWYS 5R/23L.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWYS 13/31 NA AT NIGHT.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 23
BATTLE CREEK, MI	AIRPORT NAME:	I-BTL	ILS OR LOC RWY 23R, AMDT 18	AMDT: 17C
	W K KELLOGG		5 May 2011	DATED: 04/10/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        BTL   K5010940VTTW N42183531W085150845    N42183531W085150845W0020009220     NARBATTLE CREEK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BATOL K50    R   L N42214234W085110273                          W0056     NAR           BATOL LOM
        SUSAEAENRT   BXCND K50    W     N42261165W085052781                          W0057     NAR           CNF(BXCND)
        SUSAEAENRT   REIMN K50    R     N42123653W085142618                          W0056     NAR           REIMN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5ABTL     0     100YHN42182620W085150530W004000952         1800018000C    MNAR    W K KELLOGG

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5FI23R  ABTL   010BTL  K5D 0V      IF                                        18000                0 NS
        SUSAP KBTLK5FI23R  ABTL   020BT   K5PN0N      TF                                  + 02600                    0 NS
        SUSAP KBTLK5FI23R  ABTL   030BT   K5PN0NE AR   PI BTL K5      0460004400160100D   + 02600                    0 NS
        SUSAP KBTLK5FI23R  I      010BXCNDK5EA0E  I    IF IBTLK5      04660117        PI  J 026000220018000          0 NS
        SUSAP KBTLK5FI23R  I      020BATOLK5EA0E  F    CF IBTLK5      0466005522700060PI  H 0220002173       -298BT   K5PN0 NS
        SUSAP KBTLK5FI23R  I      030RW23RK5PG0GY M    CF IBTLK5      0466001822700037PI    00978               -298       0 NS
        SUSAP KBTLK5FI23R  I      040          0  M    CA                   2266          + 01500                    0 NS
        SUSAP KBTLK5FI23R  I      050REIMNK5EA0EY      CF BTL K5      1770006017700040D   + 03000                    0 NS
        SUSAP KBTLK5FI23R  I      060REIMNK5EA0EE  L   HM                   3570T010      + 03000                    0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5GRW23R   0100042266 N42185737W085142741+0200     +024960092800004915OIIBTL1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5IIBTL1   011050RW23RN42173722W0851606712266N42184784W0851432001020 094403632980W00404900928

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5SBT   K5PN              0   18018003025                                                              M
```

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS OR LOC RWY 23
BATTLE CREEK, MI	AIRPORT NAME: **W K KELLOGG**	**I-BTL**	**ILS OR LOC RWY 23R, AMDT 18** 5 May 2011	AMDT: **17C**
				DATED: **04/10/2008**

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
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKBTLK5 BT    K5002720HOMW N42214315W085110389                    W0040          NARBATOL
```

CITY AND STATE	ELEVATION: **952** THRE: **928**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **ILS OR LOC RWY 23**
BATTLE CREEK, MI	AIRPORT NAME: **W K KELLOGG**	**I-BTL**	**ILS OR LOC RWY 23R, AMDT 18** 5 May 2011	AMDT: **17C**
				DATED: **04/10/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BTL	BTL	010		IF		FB					
	BTL	BT	020		TF		FB				AA 02600	
	BTL	BT	030	IAF	PI	R	FB		001.6()	010.0	AA 02600	
		BXCND	010	FACF	IF		FB				AA 02600 GI 02200	
		BATOL	020	FAF	CF		FB		227.0()	006.0	GI 02200 GS 02173	
		RW23R	030	MAP	CF		FO		227.0()	003.7	AT 00978	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		226.6()		AA 01500	
	REIMN	050		CF		FO		177.0()	004.0	AA 03000	
	REIMN	060		HM	L	FO		357.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTL	N421835.31	W0851508.45	N4218.589	W08515.141
	BATOL	N422142.34	W0851102.73	N4221.706	W08511.046
	BXCND	N422611.65	W0850527.81	N4226.194	W08505.464
	REIMN	N421236.53	W0851426.18	N4212.609	W08514.436
	RW23R	N421857.37	W0851427.41	N4218.956	W08514.457
	IBTL (LOC)	N421737.22	W0851606.71	N4217.620	W08516.112
	BT	N422143.15	W0851103.89	N4221.719	W08511.065

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23R	00928	49

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS OR LOC RWY 23
BATTLE CREEK, MI	AIRPORT NAME: **W K KELLOGG**	**I-BTL**	**ILS OR LOC RWY 23R, AMDT 18** 5 May 2011	AMDT: **17C**
				DATED: **04/10/2008**

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
BTL VORTAC	BATOL LOM	045.99 / 4.35	2600

MISSED APPROACH

MAP: 3.74 MILES AFTER BATOL LOM

CLIMBING LEFT TURN TO 3000 ON BTL VORTAC R-177 TO REIMN INT/BTL VORTAC 6.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 357.00 INBOUND.
CHART FAS OBST: 1125 BLDG 421934N/0851120W
CHART: ASR.
BATOL LOM TO RW23R: 3.08/49.

1. PT L SIDE OF COURSE 046.35 OUTBOUND 2600 FT WITHIN 10 MILES OF BATOL LOM (IAF)
2.
3. FAC 226.35 FAF BATOL LOM DIST FAF TO MAP 3.74 THLD 3.74
4. MIN. ALT BATOL LOM 2200
8. MSA FROM: BT LOM 3000

MAG VAR: 4W 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-23R	1480	4000	552	1480	4000	552	1480	6000	552	1480	6000	552			
CIRCLING	1480	1	528	1480	1	528	1480	1 5/8	528	1520	2	568			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND RAPIDS ALTIMETER SETTING: INCREASE ALL MDA 120 FEET, S-23R CATS C AND D VISIBILITY TO 1 1/2 MILE AND CIRCLING CAT C 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-23R CATS A AND B VISIBILITY TO RVR 5500 AND CATS C (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	BT	NDB RWY 23R, AMDT 18 5 May 2011	AMDT 17
				DATE 12/30/1990

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

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.):
AND D VISIBILITY TO 1 5/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GRAND RAPIDS ALTIMETER SETTING, INCREASE S-23R CATS A AND B VISIBILITY TO RVR 5500 AND CATS C AND D VISIBILITY TO 1 7/8 MILE.
CHART NOTE: CIRCLING NA RWYS 5R/23L.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWYS 13/31 NA AT NIGHT.

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: NDB RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	BT	NDB RWY 23R, AMDT 18 5 May 2011	AMDT: 17
				DATED: 12/30/1990

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
RESGY (IAF)	WEVSO (NOPT) (FB)	070.79 / 7.59	2500
WEVSO (IF/IAF)	ZEMSA (FB)	046.48 / 6.04	2500
ZEMSA (FAF)	RW05L (MAP) (FO)	046.54 / 4.71	
RW05L (MAP)	1253 MSL	046.54	
1253 MSL	WIPIL (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05L

CLIMB TO 2500 DIRECT WIPIL AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WEVSO, RT, 046.48 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 046.54 FAF: ZEMSA DIST FAF TO MAP: 4.71 THLD: 4.71
4. MIN. ALT: WEVSO 2500, ZEMSA 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: ZEMSA 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.8 34:1 IS NOT CLEAR
8. MSA FROM: RW05L 3000

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 226.72 INBOUND.
CHART FAS OBST: 1072 TREE 421710N/0851646W
FAS OBST: 1190 AAO 421528N/0851951W
CHART: ASR.
DISTANCE TO THLD FROM 301 HAT: 0.79 NM.
CHART VDP AT 1.38 MILES TO RW05L*
*LNAV ONLY.
WAAS CHANNEL # 61220
REFERENCE PATH ID: W05A
LTP HAE: 256.8 M

MAG VAR: 4W EPOCH YEAR: 1985

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	1317	1 1/4	365	1317	1 1/4	365	1317	1 1/4	365	1317	1 1/4	365			
LNAV/VNAV DA	1253	1	301	1253	1	301	1253	1	301	1253	1	301			
LNAV MDA	1440	1	488	1440	1	488	1440	1 3/8	488	1440	1 3/8	488			
CIRCLING	1440	1	488	1440	1	488	1480	1 1/2	528	1520	2	568			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 37C (98F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RESGY ON V285 SOUTHBOUND AND ON V100 WESTBOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 952 THRE: 952	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 5L, AMDT 1 5 May 2011	AMDT: ORIG DATED 05/07/2009

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 GRAND RAPIDS ALTIMETER SETTING: INCREASE ALL DA 106 FEET AND ALL LPV AND LNAV/VNAV VISIBILITY 3/8 MILE; INCREASE ALL MDA 120 FEET, LNAV CATS C AND D VISIBILITY 3/8 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GRAND RAPIDS ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWYS 5R/23L.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWYS 13/31 NA AT NIGHT.

CITY AND STATE	ELEVATION: 952 THRE: 952	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
BATTLE CREEK, MI	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 5L, AMDT 1	AMDT: ORIG
	W K KELLOGG		5 May 2011	DATED: 05/07/2009

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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBTL
RUNWAY	RW05L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	421744.6330N
LTP/FTP LONGITUDE	0851557.5225W
LTP/FTP ELLIPSOIDAL HEIGHT	+02568
FPAP LATITUDE	421857.3725N
FPAP LONGITUDE	0851427.4055W
THRESHOLD CROSSING HEIGHT (TCH)	00048.8
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)	50.0
CRC REMAINDER	49F251E9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02901
FPAP ORTHOMETRIC HEIGHT	+02901

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 952	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 5L, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 05/07/2009

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.

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   RESGY K50    C   L N42065013W085350701                    W0052     NAR           RESGY
        SUSAEAENRT   WEVSO K50    W     N42094917W085254447                    W0053     NAR           WEVSO
        SUSAEAENRT   WIPIL K50    W     N42264697W085044364                    W0057     NAR           WIPIL
        SUSAEAENRT   ZEMSA K50    W     N42141649W085201489                    W0054     NAR           ZEMSA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5ABTL     0     100YHN42182620W085150530W004000952         1800018000C    MNAR    W K KELLOGG

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5FR05L  ARESGY 010RESGYK5EA0E  A    IF                                          18000                A JS
        SUSAP KBTLK5FR05L  ARESGY 020WEVSOK5EA0EE B 010TF                    07080076    + 02500                      A JS
        SUSAP KBTLK5FR05L  AWEVSO 010WEVSOK5EA0EE AR   HF                    04650040    + 02500    18000             A JS
        SUSAP KBTLK5FR05L  R      010WEVSOK5EA0E  I    IF                               + 02500    18000             A JS
        SUSAP KBTLK5FR05L  R      020ZEMSAK5EA1E  F 051TF                    04650060    + 02500          RW05L K5PGA JS
        SUSAP KBTLK5FR05L  R      020ZEMSAK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KBTLK5FR05L  R      030RW05LK5PG0GY M 031TF                    04650047      01001          -300      A JS
        SUSAP KBTLK5FR05L  R      040         0  M     CA                    0465        + 01253                      A JS
        SUSAP KBTLK5FR05L  R      050WIPILK5EA0EY       DF                               + 02500                      A JS
        SUSAP KBTLK5FR05L  R      060WIPILK5EA0EE  R    HM                    22670040    + 02500                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5GRW05L   0100040466 N42174463W085155752-0200    +0256800952000049150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBTLK5PR05L  RW05L001 0000W05A0N4217446330W08515575225+025680300N4218573725W085142740551067500000000488F40050049F251E9
        SUSAP KBTLK5PR05L  RW05L002E      +02901+02901LPV       61220
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 952	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 5L, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 05/07/2009

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBTLK5SRW05LK5PG              0   18018003025                                                          M
```

CITY AND STATE	ELEVATION: 952 THRE: 952	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 5
BATTLE CREEK, MI	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 5L, AMDT 1	AMDT: ORIG
	W K KELLOGG		5 May 2011	DATED: 05/07/2009

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
GRR VOR/DME	ZULSI (FB)	143.74 / 19.62	3000
LFD VOR/DME	YOVUR (FB)	337.29 / 21.23	2600
LAN VORTAC (IAF)	WIPIL (NOPT) (FB)	230.24 / 23.45	2500
YOVUR (IAF)	WIPIL (NOPT) (FB)	316.79 / 6.00	2500
ZULSI (IAF)	WIPIL (NOPT) (FB)	136.63 / 8.00	2500
WIPIL (IF/IAF)	UYUNA (FB)	226.72 / 6.80	2200
UYUNA (FAF)	RW23R (MAP) (FO)	226.65 / 3.84	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23R

CLIMB TO 2500 DIRECT WEVSO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE WIPIL, RT, 226.72 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 226.65 FAF: UYUNA DIST FAF TO MAP: 3.84 THLD: 3.84
4. MIN. ALT: WIPIL 2500, UYUNA 2200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: UYUNA 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.4 34:1 IS CLEAR
8. MSA FROM: RW23R 3000

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 046.48 INBOUND.
CHART FAS OBST: 1096 TOWER 421906N/0851313W
FAS OBST: 1120 AAO 422140N/0851045W
CHART: ASR
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 1.26 MILES TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 56411
REFERENCE PATH ID: W23A
LTP HAE: 249.6 M

MAG VAR: 4W EPOCH YEAR: 1985

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	1128	2400	200	1128	2400	200	1128	2400	200	1128	2400	200			
LNAV/VNAV DA	1257	3200	329	1257	3200	329	1257	3200	329	1257	3200	329			
LNAV MDA	1380	2400	452	1380	2400	452	1380	4500	452	1380	4500	452			
CIRCLING	1420	1	468	1440	1	488	1480	1 1/2	528	1520	2	568			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 38C (100F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GRR VOR/DME AIRWAY RADIALS 058 CW 171.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LFD VOR/DME AIRWAY RADIALS 261 CW 054.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG		RNAV (GPS) RWY 23R, AMDT 1	AMDT: ORIG
			5 May 2011	DATED 05/07/2009

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW23R (MAP)	1128 MSL	226.65	
1128 MSL	WEVSO (FO)		2500

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LAN VORTAC AIRWAY RADIALS 164 CW 300.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND RAPIDS ALTIMETER SETTING: INCREASE ALL DA 106 FEET AND LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000; INCREASE ALL MDA 120 FEET, LNAV CATS C AND D VISIBILITY TO 1 1/4 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GRAND RAPIDS ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GRAND RAPIDS ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CATS C AND D VISIBILITY TO 1 5/8 MILE.
CHART NOTE: CIRCLING NA TO RWYS 23L/5R.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWYS 13/31 NA AT NIGHT.

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 23R, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 05/07/2009

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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBTL
RUNWAY	RW23R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	421857.3725N
LTP/FTP LONGITUDE	0851427.4055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02496
FPAP LATITUDE	421744.6330N
FPAP LONGITUDE	0851557.5225W
THRESHOLD CROSSING HEIGHT (TCH)	00049.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	18FDA4AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02830
FPAP ORTHOMETRIC HEIGHT	+02830

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 23R, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 05/07/2009

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        GRR   K5011595VDHW N42471218W085294946    N42471218W085294946W0040008042     NARGRAND RAPIDS
       SUSAD        LAN   K5011080VTLW N42430261W084415100    N42430261W084415100W0050008871     NARLANSING
       SUSAD        LFD   K5011120VDL  N42034496W084455448    N42034496W084455448W0050010401     NARLITCHFIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   UYUNA K50    W     N42214685W085105712                    W0056    NAR          UYUNA
       SUSAEAENRT   WEVSO K50    W     N42094917W085254447                    W0053    NAR          WEVSO
       SUSAEAENRT   WIPIL K50    W     N42264697W085044364                    W0057    NAR          WIPIL
       SUSAEAENRT   YOVUR K50    W     N42224250W084584679                    W0058    NAR          YOVUR
       SUSAEAENRT   ZULSI K50    W     N42321244W085124064                    W0056    NAR          ZULSI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBTLK5ABTL     0      100YHN42182620W085150530W004000952         1800018000C     MNAR    W K KELLOGG

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBTLK5FR23R  AGRR    010GRR  K5D 0V       IF                                                18000                A JS
       SUSAP KBTLK5FR23R  AGRR    020ZULSIK5EA0E  A 020TF                    14370196    + 03000                                A JS
       SUSAP KBTLK5FR23R  AGRR    030WIPILK5EA0EE B 010TF                    13660080    + 02500                                A JS
       SUSAP KBTLK5FR23R  ALAN    010LAN  K5D 0V  A    IF                                                18000                A JS
       SUSAP KBTLK5FR23R  ALAN    020WIPILK5EA0EE B 010TF                    23020235    + 02500                                A JS
       SUSAP KBTLK5FR23R  ALFD    010LFD  K5D 0V       IF                                                18000                A JS
       SUSAP KBTLK5FR23R  ALFD    020YOVURK5EA0E  A 020TF                    33730212    + 02600                                A JS
       SUSAP KBTLK5FR23R  ALFD    030WIPILK5EA0EE B 010TF                    31680060    + 02500                                A JS
       SUSAP KBTLK5FR23R  AWIPIL  010WIPILK5EA0EE AR   HF                    22670040    + 02500    18000                       A JS
       SUSAP KBTLK5FR23R  R       010WIPILK5EA0E  I    IF                               + 02500    18000                       A JS
       SUSAP KBTLK5FR23R  R       020UYUNAK5EA1E  F 051TF                    22670068    + 02200                RW23R K5PGA JS
       SUSAP KBTLK5FR23R  R       020UYUNAK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
       SUSAP KBTLK5FR23R  R       030RW23RK5PG0GY M 031TF                    22670038      00978                -300          A JS
       SUSAP KBTLK5FR23R  R       040         0  M     CA                    2267        + 01128                             A JS
       SUSAP KBTLK5FR23R  R       050WEVSOK5EA0EY      DF                               + 02500                             A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
BATTLE CREEK, MI	AIRPORT NAME: W K KELLOGG	RNAV	RNAV (GPS) RWY 23R, AMDT 1 5 May 2011	AMDT: ORIG DATED: 05/07/2009

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 KBTLK5FR23R  R      060WEVSOK5EA0EE  R   HM                    04650040    + 02500                          A JS

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

        SUSAP KBTLK5GRW23R   0100042266 N42185737W085142741+0200    +0249600928000049150I

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

        SUSAP KBTLK5PR23R  RW23R001 0000W23A0N4218573725W08514274055+024960300N4217446330W0851557522510650000000049 4F40035018FDA4AE
        SUSAP KBTLK5PR23R  RW23R002E      +02830+02830LPV       56411

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

        SUSAP KBTLK5SRW23RK5PG               0   18018003025                                                              M
```

CITY AND STATE	ELEVATION: 952 THRE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23
BATTLE CREEK, MI	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 23R, AMDT 1	AMDT: ORIG
	W K KELLOGG		5 May 2011	DATED: 05/07/2009

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
PLN VORTAC	FIKAM (FO)	092.17 / 17.29	2600
REEFY (IAF)	FIKAM (NOPT) (FB)	244.28 / 14.99	2600
FIKAM (IF/IAF)	FIDOG (FB)	277.10 / 6.00	2200
FIDOG	RW28 (MAP) (FO)	277.00 / 4.81	
RW28 (MAP)	1040 MSL	277.00	
1040 MSL	CATAP (FB)		
CATAP	JATRA (FO)	281.80 / 6.01	2600

MISSED APPROACH

LNAV: RW28

CLIMB TO 2600 DIRECT CATAP AND ON TRACK 281.80 TO JATRA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 101.70 INBOUND.
FAS OBST: 790 AAO 453844N/0842523W
OBST: 898 AAO 453804N/0842325W
898 AAO 453804N/0842325W
FIDOG TO RW28: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E FIKAM, RT, 277.10 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 277.00 FAF: FIDOG DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: FIKAM 2600, FIDOG 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 3000

MAG VAR: 7W EPOCH YEAR: 2005

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
LNAV MDA	1060	1	433	1060	1	433	1060	1 1/4	433		NA				
CIRCLING	1140	1	500	1140	1	500	1140	1 1/2	500		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

4

CITY AND STATE	ELEVATION: 640 THRE: 627 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
CHEBOYGAN, MI	CHEBOYGAN COUNTY	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG
			5 May 2011	DATED 05/15/2003

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.

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C VISIBILITY 1/8 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PLN VORTAC AIRWAY RADIALS 023 CW 170.

CITY AND STATE	ELEVATION: 640 THRE: 627	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
CHEBOYGAN, MI	AIRPORT NAME: CHEBOYGAN COUNTY	RNAV	RNAV (GPS) RWY 28, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 05/15/2003

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        PLN   K5011180VTLA N45375032W084395082    N45375032W084395082W0060008361     NARPELLSTON

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CATAP K50    W     N45391432W084392028                    W0069     NAR          CATAP
       SUSAEAENRT   FIDOG K50    W     N45391535W084234988                    W0072     NAR          FIDOG
       SUSAEAENRT   FIKAM K50    W     N45391502W084151707                    W0073     NAR          FIKAM
       SUSAEAENRT   JATRA K50    C   L N45394420W084475290                    W0068     NAR          JATRA
       SUSAEAENRT   REEFY K50    C   L N45472245W083571852                    W0076     NAR          REEFY

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KSLHK5ASLH     0     040YHN45391336W084310937W007000640         1800018000C    MNAR    CHEBOYGAN COUNTY

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KSLHK5FR28   APLN   010PLN  K5D 0V       IF                                                18000                B JS
       SUSAP KSLHK5FR28   APLN   020FIKAMK5EA0EY   020TF                    09220173    + 02600                                B JS
       SUSAP KSLHK5FR28   APLN   030FIKAMK5EA0EE AR   HF                    27710040    + 02600                                B JS
       SUSAP KSLHK5FR28   AREEFY 010REEFYK5EA0Ξ  A    IF                                                18000                B JS
       SUSAP KSLHK5FR28   AREEFY 020FIKAMK5EA0EE B 010TF                    24430150    + 02600                                B JS
       SUSAP KSLHK5FR28   R      010FIKAMK5EA0E  I    IF                                + 02600    18000                       B JS
       SUSAP KSLHK5FR28   R      020FIDOGK5EA1E  F 051TF                    27710060    + 02200                RW28  K5PGB JS
       SUSAP KSLHK5FR28   R      020FIDOGK5EA2WN          N          ALNAV                                                    JS
       SUSAP KSLHK5FR28   R      030RW28 K5PG0GY M 031TF                    27700048      00667                -300          B JS
       SUSAP KSLHK5FR28   R      040         0  M     CA                    2770        + 01040                             B JS
       SUSAP KSLHK5FR28   R      050CATAPK5EA0E       DF                                                                    B JS
       SUSAP KSLHK5FR28   R      060JATRAK5EA0EY   010TF                    2818        + 02600                             B JS
       SUSAP KSLHK5FR28   R      070JATRAK5EA0EE  R   HM                    10170040    + 02600                             B JS
```

CITY AND STATE	ELEVATION: 640 THRE: 627	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
CHEBOYGAN, MI	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG
	CHEBOYGAN COUNTY		5 May 2011	DATED: 05/15/2003

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSLHK5GRW28     0040052769 N45391515W084304173+0300     +01553006270000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSLHK5SRW28 K5PG                0    18018003025                                                                M
```

CITY AND STATE	ELEVATION: 640 THRE: 627	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
CHEBOYGAN, MI	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG
	CHEBOYGAN COUNTY		5 May 2011	DATED: 05/15/2003

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
BETAY/PLN 8.00 DME CCW (IAF)	FODAR/PLN 8.00 DME (NOPT)	8.00 DME ARC (PLN LR-277)	3000
OTREE/PLN 8.00 DME CW (IAF)	FODAR/PLN 8.00 DME (NOPT)	8.00 DME ARC (PLN LR-247)	3000
FODAR/PLN 8.00 DME (IF)	PLN VORTAC	081.99 / 8.00	2600

MISSED APPROACH

MAP: 5.93 MILES AFTER PLN VORTAC OR AT PLN 5.93 DME FIX

CLIMB TO 2800 THEN LEFT TURN DIRECT PLN VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 082.15 INBOUND.
CHART FAS OBST: 838 TREE 453823N/0843416W
FAS OBST: 1105 AAO 453917N/0843726W
CHART PLN R-295 AT BETAY.
CHART PLN R-170 AT OTREE.
PLN VORTAC TO RW10: 3.05/40.

1. PT L SIDE OF COURSE 262.17 OUTBOUND 3000 FT WITHIN 10 MILES OF PLN VORTAC (IAF)
2.
3. FAC 082.17 FAF PLN VORTAC DIST FAF TO MAP 5.93 THLD 5.93
4. MIN. ALT PLN VORTAC 2600, CUTUP/PLN 3.50 DME 1360*
8. MSA FROM: PLN VORTAC 3200

MAG VAR: 6W EPOCH YEAR:1985

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-10	1360	1	721	1360	1	721	1360	2	721		NA				
CIRCLING	1360	1	720	1360	1	720	1360	2	720		NA				
CUTUP FIX MINIMUMS															
S-10	1100	1	461	1100	1	461	1100	1 3/8	461		NA				
CIRCLING	1140	1	500	1140	1	500	1140	1 1/2	500		NA				

NOTES:

CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PROFILE NOTE: *1420 WHEN USING PELLSTON ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 640 THRE: 639	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR RWY 9
CHEBOYGAN, MI	AIRPORT NAME: CHEBOYGAN COUNTY	PLN	VOR RWY 10, AMDT 9 5 May 2011	AMDT 8A
				DATE 04/13/2006

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

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 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 PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-10 CAT B VISIBILITY 1/4 MILE, S-10 CAT C VISIBILITY 1/2 MILE, CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE; INCREASE CUTUP FIX MINIMUMS S-10 CAT C VISIBILITY 1/8 MILE.

CITY AND STATE	ELEVATION: 640 THRE: 639	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: VOR RWY 9
CHEBOYGAN, MI	AIRPORT NAME: **CHEBOYGAN COUNTY**	**PLN**	**VOR RWY 10, AMDT 9** 5 May 2011	AMDT: **8A**
				DATED: **04/13/2006**

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
QAJJU (IF/IAF)	UZUBI (FB)	097.31 / 6.03	2500
UZUBI (FAF)	RW09 (MAP) (FO)	097.40 / 4.99	
RW09 (MAP)	1295 MSL	097.40	
1295 MSL	UYULU (FO)		2700

MISSED APPROACH

LNAV: RW09

CLIMB TO 2700 DIRECT UYULU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 277.66 INBOUND.
UZUBI TO RW09: 3.00/40.
FAS OBS: 1089 AAO 431859N/0831145W.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W QAJJU, RT, 097.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 097.40 FAF: UZUBI DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: UZUBI 2500
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: 8W 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
LNAV MDA	1420	1	549	1420	1	549	1420	1 5/8	549	1420	1 5/8	549			
CIRCLING	1460	1	565	1460	1	565	1460	1 5/8	565	1460	2	565			

NOTES:
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 1, 19, 27 PROCEDURES NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 871 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	MARLETTE	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	AMDT: ORIG-B DATED 06/03/2010

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 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: USE CARO ALTIMETER SETTING; WHEN NOT RECEIVED USE BAD AXE ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.

TAA

	FROM	TO	ALT
1.	008/30 CW 188/30 (NOPT)	008/10 CW 188/10	3100
2.	008/10 CW 188/10	QAJJU (IF/IAF) (FB)	3000
3.	188/30 CW 008/30	QAJJU (IAF) (FO)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 871	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	AMDT: ORIG-B
				DATED: 06/03/2010

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.

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   QAJJU K50    W     N43182994W083205625                      W0074     NAR           QAJJU
         SUSAEAENRT   UYULU K50    W     N43184216W082495540                      W0078     NAR           UYULU
         SUSAEAENRT   UZUBI K50    W     N43183402W083124061                      W0075     NAR           UZUBI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5A77G     0     037YHN43184260W083052730W008000895         1800018000C    MNAR    MARLETTE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5FR09   AQAJJU 010QAJJUK5EA0EE AR   HF                    09730040    + 03000     18000                B JS
         SUSAP 77G K5FR09   R      010QAJJUK5EA0E  I    IF                                + 03000     18000                B JS
         SUSAP 77G K5FR09   R      020UZUBIK5EA1E  F 051TF                    09730060    + 02500                          B JS
         SUSAP 77G K5FR09   R      020UZUBIK5EA2WN          N        ALNAV                                                  JS
         SUSAP 77G K5FR09   R      030RW09 K5PG0GY M 031TF                    09740050      00911           -300           B JS
         SUSAP 77G K5FR09   R      040         0  M     CA                    0974        + 01295                          B JS
         SUSAP 77G K5FR09   R      050UYULUK5EA0EY       DF                              + 02700                          B JS
         SUSAP 77G K5FR09   R      060UYULUK5EA0EE  R    HM                    27770040    + 02700                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5GRW09    0037960975 N43183694W083055069+0200    +02315008710000400 75R
```



CITY AND STATE	ELEVATION: 895 THRE: 871	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 9, AMDT 1 5 May 2011	AMDT: ORIG-B
				DATED: 06/03/2010

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
HABIN (IF/IAF)	WURKU (FB)	191.80 / 6.03	2500
WURKU *(FAF)*	CUVSO/2.40 NM TO RW19 (FB)	191.79 / 2.52	
CUVSO/2.40 NM TO RW19	RW19 (MAP) (FO)	191.79 / 2.40	
RW19 (MAP)	1214 MSL		
1214 MSL	JAMOV (FB)		
JAMOV	HEMIS (FO)	157.31/4.82	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 3000 DIRECT JAMOV AND ON TRACK 157.31 TO HEMIS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 256.37 INBOUND.
CHART FAS OBST: 1135 TOWER 432230N/0830425W
CHART FAS OBST: 1014 TREE 431916N/0830541W
DISTANCE TO THLD FROM 319 HATH: 0.88 NM.
WAAS CHANNEL # 70421
REFERENCE PATH ID: W19A
LTP HAE: 238.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N HABIN, RT, 191.80 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 191.79 FAF: WURKU DIST FAF TO MAP: 4.92 THLD: 4.92
4. MIN. ALT: HABIN 3000, WURKU 2500, CUVSO/2.40 NM TO RW19 1680*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WURKU 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 8W 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	1214	1 1/8	319	1214	1 1/8	319	1214	1 1/8	319	1214	1 1/8	319			
LNAV/VNAV DA	1264	1 1/4	369	1264	1 1/4	369	1264	1 1/4	369	1264	1 1/4	369			
LNAV MDA	1340	1	445	1340	1	445	1340	1 3/8	445	1340	1 3/8	445			
CIRCLING	1460	1	565	1460	1	565	1460	1 1/2	565	1460	2	565			

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 1, 9, 27 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 895	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 19, ORIG 5 May 2011	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.
***LNAV ONLY**
CHART NOTE: USE CARO ALTIMETER SETTING; WHEN NOT RECEIVED USE BAD AXE ALTIMETER SETTING AND INCREASE ALL DA 15 FT AND ALL MDA 20 FT.

TAA

	FROM	TO	ALT
1.	102/30 CW 282/30 (NOPT)	HABIN (IF/IAF) (FB)	3000
2.	282/30 CW 102/30	HABIN (IAF) (FO)	3000

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 895 THRE: 895	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 19, ORIG 5 May 2011	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	77G
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	431905.7910N
LTP/FTP LONGITUDE	0830528.2285W
LTP/FTP ELLIPSOIDAL HEIGHT	+02386
FPAP LATITUDE	431736.8700N
FPAP LONGITUDE	0830536.2900W
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	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4AB88729

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02727
FPAP ORTHOMETRIC HEIGHT	+02727

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 895	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 19, ORIG 5 May 2011	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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   CUVSO K50    W     N43212950W083051518                          W0076     NAR           CUVSO
         SUSAEAENRT   HABIN K50    W     N43300146W083042856                          W0076     NAR           HABIN
         SUSAEAENRT   HEMIS K50    C   B N43095739W083023353                          W0076     NAR           HEMIS
         SUSAEAENRT   JAMOV K50    W     N43140639W083055536                          W0075     NAR           JAMOV
         SUSAEAENRT   WURKU K50    W     N43240013W083050149                          W0076     NAR           WURKU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5A77G     0     037YHN43184260W083052730W008000895         1800018000C    MNAR    MARLETTE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5FR19   AHABIN 010HABINK5EA0EE AR   HF                      19180040    + 03000     18000                A JS
         SUSAP 77G K5FR19   R      010HABINK5EA0E  I    IF                                  + 03000     18000                A JS
         SUSAP 77G K5FR19   R      020WURKUK5EA1E  F 051TF                      19180060    + 02500                          A JS
         SUSAP 77G K5FR19   R      020WURKUK5EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
         SUSAP 77G K5FR19   R      021CUVSOK5EA0E S  031TF                      19180025    V 0168001698        -300          A JS
         SUSAP 77G K5FR19   R      030RW19 K5PG0GY M 031TF                      19180024      00935             -300          A JS
         SUSAP 77G K5FR19   R      040         0  M     CA                      1918        + 01214                          A JS
         SUSAP 77G K5FR19   R      050JAMOVK5EA0E       DF                                                                  A JS
         SUSAP 77G K5FR19   R      060HEMISK5EA0EY   010TF                      1573        + 03000                          A JS
         SUSAP 77G K5FR19   R      070HEMISK5EA0EE  R   HM                      25640040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5GRW19    0034971918 N43190579W083052823-0700    +02386008950000400 75R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 77G K5PR19   RW19 001 0000W19A0N4319057910W08305282285+023860300N4317368700W083053629001067516880004 00F4005004AB88729
         SUSAP 77G K5PR19   RW19 002E      +02727+02727LPV       70421
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CITY AND STATE	ELEVATION: 895 THRE: 895	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 19, ORIG 5 May 2011	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
UYULU (IF/IAF)	OXWUP (FB)	277.66 / 6.04	2500
OXWUP (FAF)	RW27 (MAP) (FO)	277.57 / 4.96	
RW27 (MAP)	1295 MSL	277.57	
1295 MSL	QAJJU (FO)		3000

MISSED APPROACH

LNAV: RW27

CLIMB TO 3000 DIRECT QAJJU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 097.31 INBOUND.
FAS OBST: 1024 AAO 431911N/0830015W.
OXWUP TO RW27: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E UYULU, RT, 277.66 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 277.57 FAF: OXWUP DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: OXWUP 2500
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: 8W 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
LNAV MDA	1360	1	481	1360	1	481	1360	1 3/8	481	1360	1 3/8	481			
CIRCLING	1460	1	565	1460	1	565	1460	1 1/2	565	1460	2	565			

NOTES:
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 1, 9, 19 PROCEDURES NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 879	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	AMDT: ORIG-B
				DATED 06/03/2010

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 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: USE CARO ALTIMETER SETTING; WHEN NOT RECEIVED USE BAD AXE ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.

TAA

	FROM	TO	ALT
1.	188/30 CW 008/30 (NOPT)	UYULU (IF/IAF) (FB)	2700
2.	008/30 CW 188/30	UYULU (IAF) (FO)	2700

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 THRE: 879	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	AMDT: ORIG-B DATED: 06/03/2010

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 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   OXWUP K50    W     N43183973W082581139                      W0077     NAR          OXWUP
        SUSAEAENRT   QAJJU K50    W     N43182994W083205625                      W0074     NAR          QAJJU
        SUSAEAENRT   UYULU K50    W     N43184216W082495540                      W0078     NAR          UYULU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 77G K5A77G     0     037YHN43184260W083052730W008000895         1800018000C    MNAR    MARLETTE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 77G K5FR27   AUYULU 010UYULUK5EA0EE AR   HF                    27770040    + 02700     18000                B JS
        SUSAP 77G K5FR27   R      010UYULUK5EA0E  I    IF                                + 02700     18000                B JS
        SUSAP 77G K5FR27   R      020OXWUPK5EA1E  F 051TF                    27770060    + 02500                          B JS
        SUSAP 77G K5FR27   R      020OXWUPK5EA2WN          N          ALNAV                                               JS
        SUSAP 77G K5FR27   R      030RW27 K5PG0GY M 031TF                    27760050      00919              -300        B JS
        SUSAP 77G K5FR27   R      040          0  M     CA                    2776        + 01295                          B JS
        SUSAP 77G K5FR27   R      050QAJJUK5EA0EY       DF                              + 03000                          B JS
        SUSAP 77G K5FR27   R      060QAJJUK5EA0EE  R    HM                    09730040    + 03000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 77G K5GRW27    0037962775 N43183728W083045936-0200     +023380087900004007 5R
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CITY AND STATE	ELEVATION: 895 THRE: 879	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARLETTE, MI	AIRPORT NAME: MARLETTE	RNAV	RNAV (GPS) RWY 27, AMDT 1 5 May 2011	AMDT: ORIG-B DATED: 06/03/2010

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
ECK VORTAC (IF/IAF)	BLUNK/12.00 DME	289.00 / 12.00	2400

MISSED APPROACH

MAP: MAHZY/16.34 DME

CLIMBING LEFT TURN TO 2400 ON ECK VORTAC R-289 DIRECT BLUNK/12.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 289.00 INBOUND.
FAC 584R OF RWY 27.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ECK VORTAC
3. FAC 289.00 FAF BLUNK/12.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ECK VORTAC 2400, BLUNK 2400
8. MSA FROM: ECK VORTAC 2500

MAG VAR: 7W 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
CIRCLING	1460	1	565	1460	1	565	1460	1 1/2	565	1460	2	565			

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 1, 9, 19, 27 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ECK VORTAC AIRWAY RADIALS 256 CW 293.
CHART NOTE: USE CARO ALTIMETER SETTING; WHEN NOT RECEIVED USE BAD AXE ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 895 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
MARLETTE, MI	MARLETTE	ECK	VOR/DME-A, AMDT 6 5 May 2011	AMDT 5A
				DATE 09/29/1983

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
PMM VOR/DME	SUSOY (FO)	227.06 / 22.57	4000
ELX VOR/DME	SUSOY (FO)	284.64 / 15.21	4000
ZIMEG (IAF)	SUSOY (NOPT) (FB)	022.30 / 7.90	4000
YOLUR (IAF)	SUSOY (NOPT) (FB)	073.18 / 7.90	4000
SUSOY (IF/IAF)	NODCI (FB)	046.66 / 7.00	2500
NODCI *(FAF)*	LIVTE/2.10 NM TO RW04 (FB)	046.73 / 3.58	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW04

CLIMB TO 4000 DIRECT JUSRO AND HOLD, CONTINUE CLIMB-IN-HOLD 4000.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 226.93 INBOUND.
CHART FAS OBST: 745 TREE 422113N/0861541W
CHART 920 TOWER 421927N/0861757W.
NODCI TO RW04: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW SUSOY, RT, 046.66 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 046.73 FAF: NODCI DIST FAF TO MAP: 5.68 THLD: 5.68
4. MIN. ALT: SUSOY 4000, NODCI 2500, LIVTE/2.10 NM TO RW04 1360
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: RW04 2500

MAG VAR: 3W EPOCH YEAR: 1985

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
LNAV MDA	1000	1	348	1000	1	348	1000	1	348	1000	1	348			
CIRCLING	1120	1	454	1140	1	474	1140	1 1/2	474	1280	2	614			

NOTES:
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELX VOR/DME VIA V116 NORTHEAST BOUND.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 666 THRE: 652 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1 5 May 2011	AMDT: ORIG 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 alport 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
LIVTE/2.10 NM TO RW04	RW04 (MAP) (FO)	046.77 / 2.10	
RW04 (MAP)	1000 MSL	046.77	
1000 MSL	JUSRO (FO)		4000

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PMM VOR/DME AIRWAY RADIALS 243 CW 303.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTON HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE LNAV CAT C AND D VISIBILITY 1/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIMEG ON V116 SOUTHWEST BOUND.
CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

CITY AND STATE	ELEVATION: 666 THRE: 652	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1 5 May 2011	AMDT: ORIG
				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 aiport 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        ELX   K5011660VDL  N42083988W086072174    N42083988W086072174E0000007941     NARKEELER
        SUSAD        PMM   K5011210VDH  N42275773W086061732    N42275773W086061732E0000006402     NARPULLMAN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUSRO K50    W     N42303321W086030250                    W0049     NAR          JUSRO
        SUSAEAENRT   LIVTE K50    W     N42192124W086173371                    W0047     NAR          LIVTE
        SUSAEAENRT   NODCI K50    W     N42164614W086205372                    W0046     NAR          NODCI
        SUSAEAENRT   SUSOY K50    W     N42114235W086272431                    W0045     NAR          SUSOY
        SUSAEAENRT   YOLUR K50    C   L N42090193W086372442                    W0044     NAR          YOLUR
        SUSAEAENRT   ZIMEG K50    C   L N42041492W086305504                    W0044     NAR          ZIMEG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5ALWA     0     048YHN42210430W086152030W003000666         1800018000C    MNAR    SOUTH HAVEN AREA RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5FR04   AELX   010ELX  K5D 0V       IF                                                18000                B JS
        SUSAP KLWAK5FR04   AELX   020SUSOYK5EA0EY   020TF                  28460152    + 04000                                B JS
        SUSAP KLWAK5FR04   AELX   030SUSOYK5EA0EE AR   HF                  04670040    + 04000                                B JS
        SUSAP KLWAK5FR04   APMM   010PMM  K5D 0V       IF                                                18000                B JS
        SUSAP KLWAK5FR04   APMM   020SUSOYK5EA0EY   020TF                  22710226    + 04000                                B JS
        SUSAP KLWAK5FR04   APMM   030SUSOYK5EA0EE AR   HF                  04670040    + 04000                                B JS
        SUSAP KLWAK5FR04   AYOLUR 010YOLURK5EA0E  A    IF                                                18000                B JS
        SUSAP KLWAK5FR04   AYOLUR 020SUSOYK5EA0EE B 010TF                  07320079    + 04000                                B JS
        SUSAP KLWAK5FR04   AZIMEG 010ZIMEGK5EA0E  A    IF                                                18000                B JS
        SUSAP KLWAK5FR04   AZIMEG 020SUSOYK5EA0EE B 010TF                  02230079    + 04000                                B JS
        SUSAP KLWAK5FR04   R      010SUSOYK5EA0E  I    IF                              + 04000     18000                      B JS
        SUSAP KLWAK5FR04   R      020NODCIK5EA1E  F 051TF                  04670070    + 02500                RW04  K5PGB JS
        SUSAP KLWAK5FR04   R      020NODCIK5EA2WN          N        ALNAV                                                     JS
        SUSAP KLWAK5FR04   R      021LIVTEK5EA0E S  031TF                  04670036    V 0136001365      -300                B JS
        SUSAP KLWAK5FR04   R      030RW04 K5PG0GY M 031TF                  04680021      00692           -300                B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 666 THRE: 652	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1 5 May 2011	AMDT: ORIG 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 aiport 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
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5FR04   R      040         0  M  010CA                    0468        + 01000                          B JS
        SUSAP KLWAK5FR04   R      050JUSROK5EA0EY   010DF                               + 04000                          B JS
        SUSAP KLWAK5FR04   R      060JUSROK5EA0EE   R020HM                   22690040   + 04000                          B JS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5GRW04    0048010468 N42205225W086153617+0300    +0165300652000040075R

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5SRW04 K5PG              0   18018002525                                                                M
```

CITY AND STATE	ELEVATION: 666 THRE: 652	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 11/20/2008

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
ELX VOR/DME	JUSRO (FO)	011.31 / 22.11	4000
OSEGO	ZUBON (FB)	286.89 / 13.30	4000
RAINE	JUSRO (FO)	096.05 / 20.22	4000
ZEELE	RURDE (FB)	180.54 / 14.65	4000
ZUBON (IAF)	JUSRO (NOPT) (FB)	272.04 / 7.20	4000
RURDE (IAF)	JUSRO (NOPT) (FB)	181.93 / 7.00	4000
JUSRO (IF/IAF)	KIDTE (FB)	226.93 / 7.00	2500
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW22

CLIMB TO 4000 DIRECT SUSOY AND HOLD. CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 046.66 INBOUND.
CHART FAS OBST: 809 TREE 422126N/0861420W
KIDTE TO RW22: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JUSRO, RT, 226.93 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 226.86 FAF: KIDTE DIST FAF TO MAP: 5.63 THLD: 5.63
4. MIN. ALT: JUSRO 4000, KIDTE 2500, PIXOE/2.50 NM TO RW22 1500
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: RW22 2500

MAG VAR: 3W EPOCH YEAR: 1985

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
LNAV MDA	1060	1	394	1060	1	394	1060	1 1/8	394	1060	1 1/8	394			
CIRCLING	1120	1	454	1140	1	474	1140	1 1/2	474	1280	2	614			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTON HARBOR ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 666 THRE: 666 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 22, AMDT 1 5 May 2011	AMDT: ORIG DATED 11/20/2008

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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KIDTE *(FAF)*	PIXOE/2.50 NM TO RW22 (FB)	226.86 / 3.13	
PIXOE/2.50 NM TO RW22	RW22 (MAP) (FO)	226.83 / 2.50	
RW22 (MAP)	1060 MSL	*226.83*	
1060 MSL	SUSOY (FO)		4000

NOTES, (CONT.):

INCREASE ALL MDA 40 FEET; INCREASE LNAV CAT C AND D VISIBILITY 1/8 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELX VOR/ DME AIRWAY RADIALS 002 CW 077.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAINE VIA V215 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZEELE VIA V55 NORTHBOUND.

CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 666 THRE: 666 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 22, AMDT 1	AMDT: ORIG
			5 May 2011	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 aiport 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        ELX    K5011660VDL  N42083988W086072174    N42083988W086072174E0000007941     NARKEELER

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUSRO K50    W     N42303321W086030250                    W0049     NAR          JUSRO
        SUSAEAENRT   KIDTE K50    W     N42253046W086093597                    W0048     NAR          KIDTE
        SUSAEAENRT   OSEGO K50    C   L N42273061W085355138                    W0053     NAR          OSEGO
        SUSAEAENRT   PIXOE K50    W     N42231476W086123182                    W0048     NAR          PIXOE
        SUSAEAENRT   RAINE K50    C   L N42314110W086302037                    W0045     NAR          RAINE
        SUSAEAENRT   RURDE K50    W     N42373327W086031313                    W0049     NAR          RURDE
        SUSAEAENRT   SUSOY K50    W     N42114235W086272431                    W0045     NAR          SUSOY
        SUSAEAENRT   ZEELE K50    R   L N42521163W086040425                    W0050     NAR          ZEELE
        SUSAEAENRT   ZUBON K50    W     N42304087W085531850                    W0050     NAR          ZUBON

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5ALWA     0     048YHN42210430W086152030W003000666        1800018000C    MNAR    SOUTH HAVEN AREA RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5FR22   AELX   010ELX  K5D 0V       IF                                          18000              B JS
        SUSAP KLWAK5FR22   AELX   020JUSROK5EA0EY   020TF                 01130221    + 04000                       B JS
        SUSAP KLWAK5FR22   AELX   030JUSROK5EA0EE AR   HF                 22690040    + 04000                       B JS
        SUSAP KLWAK5FR22   AOSEGO 010OSEGOK5EA0E       IF                                          18000              B JS
        SUSAP KLWAK5FR22   AOSEGO 020ZUBONK5EA0E  A 020TF                 28690133    + 04000                       B JS
        SUSAP KLWAK5FR22   AOSEGO 030JUSROK5EA0EE B 010TF                 27200072    + 04000                       B JS
        SUSAP KLWAK5FR22   ARAINE 010RAINEK5EA0E       IF                                          18000              B JS
        SUSAP KLWAK5FR22   ARAINE 020JUSROK5EA0EY   020TF                 09610202    + 04000                       B JS
        SUSAP KLWAK5FR22   ARAINE 030JUSROK5EA0EE AR   HF                 22690040    + 04000                       B JS
        SUSAP KLWAK5FR22   AZEELE 010ZEELEK5EA0E       IF                                          18000              B JS
        SUSAP KLWAK5FR22   AZEELE 020RURDEK5EA0E  A 020TF                 18050147    + 04000                       B JS
        SUSAP KLWAK5FR22   AZEELE 030JUSROK5EA0EE B 010TF                 18190070    + 04000                       B JS
        SUSAP KLWAK5FR22   R      010JUSROK5EA0E  I    IF                            + 04000     18000              B JS
```

AVAILABILITY IS CHECKED

CITY AND STATE	ELEVATION: 666 THRE: 666	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 22, AMDT 1 5 May 2011	AMDT: ORIG
				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 aiport 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
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5FR22    R       020KIDTEK5EA1E  F 051TF                   22690070    + 02500                 RW22  K5PGB JS
        SUSAP KLWAK5FR22    R       020KIDTEK5EA2WN           N          ALNAV                                                  JS
        SUSAP KLWAK5FR22    R       021PIXOEK5EA0E S  031TF                   22690031    V 0150001508        -300           B JS
        SUSAP KLWAK5FR22    R       030RW22 K5PG0GY M 031TF                   22680025      00706             -300           B JS
        SUSAP KLWAK5FR22    R       040          0  M     CA                  2268        + 01060                          B JS
        SUSAP KLWAK5FR22    R       050SUSOYK5EA0EY       DF                              + 04000                          B JS
        SUSAP KLWAK5FR22    R       060SUSOYK5EA0EE  R020HM                   04670040    + 04000                          B JS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5GRW22    0048012268 N42212648W086145192-0300    +016950066600004075R

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLWAK5SRW22 K5PG              0   18018002525                                                                    M
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CITY AND STATE	ELEVATION: 666 THRE: 666	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	RNAV	RNAV (GPS) RWY 22, AMDT 1 5 May 2011	AMDT: ORIG
				DATED: 11/20/2008

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
PMM VOR/DME (IF/IAF)	KIBBY INT/ 6.01 DME	224.31 / 6.01	1700

MISSED APPROACH

MAP: 3.09 MILES AFTER KIBBY INT/6.01 DME OR AT 9.10 DME FIX

CLIMBING TO 2500 THEN CLIMBING LEFT TURN TO 4000 DIRECT PMM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 869 AAO 422339N/0860939W
KIBBY TO RW22: 3.03/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE PMM VOR/DME, RT, 224.31 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC 224.31 FAF KIBBY INT/ 6.01 DME DIST FAF TO MAP 3.09 THLD 3.09
4. MIN. ALT PMM VOR/DME 2500, KIBBY 1700
8. MSA FROM: PMM VOR/DME 360-180 3000, 180-360 2400

MAG VAR: 0E 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
S-22	1120	1	454	1120	1	454	1120	1 3/8	454	1120	1 3/8	454			
CIRCLING	1120	1	454	1140	1	474	1140	1 1/2	474	1280	2	614			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PMM VOR/DME AIRWAY RADIALS 303 CW 112.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENTON HARBOR ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 666 THRE: 666	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SOUTH HAVEN, MI	AIRPORT NAME: SOUTH HAVEN AREA RGNL	PMM	VOR RWY 22, AMDT 11 5 May 2011	AMDT 10
				DATE 11/20/2008

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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NOTES, (CONT.):
INCREASE ALL MDA 40 FEET AND S-22 CAT C AND D VISIBILITY 1/8 MILE.
CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HAVEN, MI	**ELEVATION: 666** **THRE: 666** AIRPORT NAME: **SOUTH HAVEN AREA RGNL**	**PMM**	**VOR RWY 22, AMDT 11**	SUP: AMDT: **10** DATED: **11/20/2008**

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
DIYET (IAF)	HILGA (NOPT) (FB)	221.95 / 10.00	2500
CERNU (IAF)	HILGA (NOPT) (FB)	041.81 / 10.00	2500
HILGA (IF/IAF)	CUPPA (FB)	131.88 / 7.20	2000
CUPPA (FAF)	NETTI/2.10 NM TO ZENBO (FB)	131.94 / 2.89	
NETTI/2.10 NM TO ZENBO	ZENBO (MAP) (FO)	131.96 / 2.10	
ZENBO (MAP)	440 MSL	131.96	
440 MSL	HILGA (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: ZENBO

CLIMBING RIGHT TURN TO 2500 DIRECT HILGA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HILGA, RT, 131.88 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 131.94 FAF: CUPPA DIST FAF TO MAP: 4.99 THLD: 5.69
4. MIN. ALT: HILGA 2500, CUPPA 2000, NETTI/2.10 NM TO ZENBO 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: CUPPA 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 245 TREE 311627N/0891539W
CHART FAS OBST: 319 TREE 311734N/0891808W
CHART R-4401A/B, DE SOTO 1 MOA.
DISTANCE TO THLD FROM 291 HATH: 0.79 NM.
CHART VDP AT 1.23 MILES TO RW13*
*LNAV ONLY.
WAAS CHANNEL # 86720
REFERENCE PATH ID: W13B
CHART: SHELBY AUXILIARY 1 AIRFIELD
CHART: HAGLER AAF
CHART: LBY VORTAC
LTP HAE: 18.5 M

MAG VAR: 1W EPOCH YEAR: 2010

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	440	1	291	440	1	291	440	1	291	440	1	291			
LNAV/VNAV DA	521	1 1/4	372	521	1 1/4	372	521	1 1/4	372	521	1 1/4	372			
LNAV MDA	580	1	431	580	1	431	580	1 1/4	431	580	1 1/4	431			
CIRCLING	620	1	469	620	1	469	620	1 1/2	469	720	2	569			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: UNCONTROLLED HELICOPTER AND MILITARY AIRLIFT AIRCRAFT IN VICINITY OF HAGLER AAF AND SHELBY AUXILIARY 1 AIRFIELD.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 151 THRE: 149 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HATTIESBURG, MS	HATTIESBURG BOBBY L CHAIN MUNI	RNAV	RNAV (GPS) Y RWY 13, AMDT 2A 5 MAY 2011	AMDT: 2 DATED 03/10/2011

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 HATTIESBURG-LAUREL RGNL ALTIMETER SETTING AND INCREASE LPV DA ALL CATS TO 491, LNAV/VNAV DA ALL CATS TO 572, AND ALL MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY 1/8 MILE, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
CHART NOTE BARO-VNAV AND VDP NA WHEN USING HATTIESBURG-LAUREL RGNL ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	042/30 CW 222/30 (NOPT)	HILGA (IF/IAF) (FB)	2500
2.	222/30 CW 312/30	DIYET (IAF) (FB)	2500
3.	312/30 CW 042/30	CERNU (IAF) (FB)	2500

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHBG
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13B
LTP/FTP LATITUDE	311607.1235N
LTP/FTP LONGITUDE	0891528.2685W
LTP/FTP ELLIPSOIDAL HEIGHT	+00185
FPAP LATITUDE	311508.5500N
FPAP LONGITUDE	0891409.8000W
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	1200
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9F6175E1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00454
FPAP ORTHOMETRIC HEIGHT	+00454

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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   CERNU K70    W     N31170005W089342879                     W0006     NAR           CERNU                    I
        SUSAEAENRT   CUPPA K70    W     N31195128W089202903                     W0008     NAR           CUPPA                    I
        SUSAEAENRT   DIYET K70    W     N31320934W089191106                     W0008     NAR           DIYET                    I
        SUSAEAENRT   HILGA K70    W     N31243493W089265054                     W0007     NAR           HILGA                    I
        SUSAEAENRT   NETTI K70    W     N31175751W089175630                     W0008     NAR           NETTI                    I
        SUSAEAENRT   ZENBO K70    W     N31163472W089160527                     W0008     NAR           ZENBO                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHBGK7AHBG     0     060YHN31155380W089151040W001000151         1800018000C    MNAR    HATTIESBURG BOBBY L CHAIN MUNII

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHBGK7FR13-Y ACERNU 010CERNUK7EA0E  A    IF                                          18000                A JS   I
        SUSAP KHBGK7FR13-Y ACERNU 020HILGAK7EA0EE B 010TF                     04180100    + 02500                       A JS   I
        SUSAP KHBGK7FR13-Y ADIYET 010DIYETK7EA0E  A    IF                                          18000                A JS   I
        SUSAP KHBGK7FR13-Y ADIYET 020HILGAK7EA0EE B 010TF                     22200100    + 02500                       A JS   I
        SUSAP KHBGK7FR13-Y AHILGA 010HILGAK7EA0EE AR   HF                     13190050    + 02500     18000             A JS   I
        SUSAP KHBGK7FR13-Y R      010HILGAK7EA0E  I    IF                                 + 02500     18000             A JS   I
        SUSAP KHBGK7FR13-Y R      020CUPPAK7EA1E  F 051TF                     13190072    + 02000                       A JS   I
        SUSAP KHBGK7FR13-Y R      020CUPPAK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS   I
        SUSAP KHBGK7FR13-Y R      021NETTIK7EA0E S  031TF                     13190029    V 0108001080        -300       A JS   I
        SUSAP KHBGK7FR13-Y R      030ZENBOK7EA0EY M 031TF                     13200021      00411             -300       A JS   I
        SUSAP KHBGK7FR13-Y R      040          0  M     CA                    1320        + 00440                       A JS   I
        SUSAP KHBGK7FR13-Y R      050HILGAK7EA0EY  R   DF                                 + 02500                       A JS   I
        SUSAP KHBGK7FR13-Y R      060HILGAK7EA0EE  R   HM                     13190050    + 02500                       A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHBGK7GRW13    0060941320 N31160712W089152827-0100    +00185001490996401 50R                                    I
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CITY AND STATE	ELEVATION: 151 THRE: 149	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HATTIESBURG, MS	AIRPORT NAME: HATTIESBURG BOBBY L CHAIN MUNI	RNAV	RNAV (GPS) Y RWY 13, AMDT 2A 5 MAY 2011	AMDT: 2 DATED: 03/10/2011

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHBGK7PR13-Y RW13 001Y0000W13B0N3116071235W08915282685+00185030ON3115085500W089140980001067512000004O0F4005009F6175E1I
        SUSAP KHBGK7PR13-Y RW13 002E      +00454+00454LPV       86720                                                                 I
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CITY AND STATE	ELEVATION: 151 THRE: 149	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HATTIESBURG, MS	AIRPORT NAME: HATTIESBURG BOBBY L CHAIN MUNI	RNAV	RNAV (GPS) Y RWY 13, AMDT 2A 5 MAY 2011	AMDT: 2
				DATED: 03/10/2011

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
ZUNIT INT (IF/IAF)	NAYLR INT	059.99 / 8.98 (I-SGO)	2000

MISSED APPROACH

MAP: 4.55 MILES AFTER NAYLR INT

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 270 AND I-SGO SW COURSE TO NAYLR INT AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 DIRECT CTZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000, HOLD SW, RT, 061.83 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 059.99 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW CTZ NDB, RT, 061.83 INBOUND.
FAS OBST: 359 AAO 345630N/0782545W
CHART GAMECOCK A MOA.
CHART SEYMOUR JOHNSON ECHO MOA.
CHART IN PLANVIEW: CTZ NDB.
NAYLR TO RW06: 3.00/38.7.
CHART (UHBEK) AT 4.55 NM AFTER NAYLR.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZUNIT
3. FAC 059.99 FAF NAYLR INT DIST FAF TO MAP 4.55 THLD 5.75
4. MIN. ALT ZUNIT 3000, NAYLR 2000
8. MSA FROM: FAY VOR/DME 2300 (26 NM)

MAG VAR: 9W EPOCH YEAR: 2005

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-6	620	1 1/2	490	620	1 1/2	490	620	1 1/2	490	620	1 1/2	490			
CIRCLING	680	1 1/2	536	680	1 1/2	536	780	1 3/4	636	780	2	636			

NOTES:

CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE S-6 CATS C/D VISIBILITY 1/8 MILE AND INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART PROFILE NOTE: LOCALIZER UNUSABLE 1.20 NM INBOUND TO THRESHOLD.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP HE
CLINTON, NC	CLINTON-SAMPSON COUNTY	I-SGO	LOC RWY 6, AMDT 3 5 MAY 2011	AMDT 2 DATE 05/10/2007

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
WEXES (IF/IAF)	NAYLR (FB)	059.89 / 5.98	2000
NAYLR (FAF)	AKIVE/1.70 NM TO RW06 (FB)	059.94 / 4.05	
AKIVE/1.70 NM TO RW06	RW06 (MAP) (FO)	059.97 / 1.70	
RW06 (MAP)	330 MSL	059.97	
330 MSL	JASUK (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 2500 DIRECT JASUK AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WEXES, RT, 059.89 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 059.94 FAF: NAYLR DIST FAF TO MAP: 5.75 THLD: 5.75
4. MIN. ALT: WEXES 2500, NAYLR 2000, AKIVE/1.70 NM TO RW06 700*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: NAYLR 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 38.7 34:1 IS CLEAR
8. MSA FROM: RW06 3100

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 240.10 INBOUND.
CHART FAS OBST: 234 TREE 345804N/0782344W
CHART FAS OBST: 259 TREE 345714N/0782409W
CHART GAMECOCK A MOA.
CHART SEYMOUR JOHNSON ECHO MOA.
DISTANCE TO THLD FROM 200 HATH: 0.51 NM.
CHART VDP AT 1.10 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 53720
REFERENCE PATH ID: W06A
LTP HAE: 5 M

MAG VAR: 9W EPOCH YEAR: 2005

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	330	3/4	200	330	3/4	200	330	3/4	200	330	3/4	200			
LNAV/VNAV DA	533	1 3/8	403	533	1 3/8	403	533	1 3/8	403	533	1 3/8	403			
LNAV MDA	520	1	390	520	1	390	520	1 1/8	390	520	1 1/8	390			
CIRCLING	680	1	536	680	1	536	780	1 3/4	636	780	2	636			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING KENANSVILLE ALTIMETER SETTING.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 MAY 2011	AMDT: DATED 05/10/2007

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: VDP NA WITH KENANSVILLE ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C /D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: **CLINTON-SAMPSON COUNTY**	**RNAV**	**RNAV (GPS) RWY 6, AMDT 2** 5 MAY 2011	AMDT: **1**
				DATED: **05/10/2007**

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	KCTZ
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	345814.2010N
LTP/FTP LONGITUDE	0782219.6035W
LTP/FTP ELLIPSOIDAL HEIGHT	+00050
FPAP LATITUDE	345910.3700N
FPAP LONGITUDE	0782055.3400W
THRESHOLD CROSSING HEIGHT (TCH)	00038.7
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)	35.0
CRC REMAINDER	E6D8DECD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00396
FPAP ORTHOMETRIC HEIGHT	+00396

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 MAY 2011	AMDT: 1 DATED: 05/10/2007

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.

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   AKIVE K70    W     N34570988W078235602                      W0089     NAR           AKIVE
        SUSAEAENRT   JASUK K70    W     N35052885W078112603                      W0091     NAR           JASUK
        SUSAEAENRT   NAYLR K70    C     N34543654W078274560                      W0089     NAR           NAYLR
        SUSAEAENRT   WEXES K70    W     N34504997W078332407                      W0088     NAR           WEXES

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7ACTZ     0     050YHN34582978W078215627W009000144         1800018000C    MNAR    CLINTON-SAMPSON COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7FR06   AWEXES 010WEXESK7EA0EE AR   HF                    05990040    + 02500     18000                A JS
        SUSAP KCTZK7FR06   R       010WEXESK7EA0E  I    IF                                + 02500     18000                A JS
        SUSAP KCTZK7FR06   R       020NAYLRK7EA1E  F 051TF                    05990060    + 02000                  RW06  K7PGA JS
        SUSAP KCTZK7FR06   R       020NAYLRK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KCTZK7FR06   R       021AKIVEK7EA0E S  031TF                    05990041    V 0070000710        -300         A JS
        SUSAP KCTZK7FR06   R       030RW06 K7PG0GY M 031TF                    06000017      00169             -300         A JS
        SUSAP KCTZK7FR06   R       040          0  M     CA                   0600        + 00330                        A JS
        SUSAP KCTZK7FR06   R       050JASUKK7EA0EY       DF                              + 02500                        A JS
        SUSAP KCTZK7FR06   R       060JASUKK7EA0EE  R    HM                   24010040    + 02500                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7GRW06    0050020600 N34581420W078221960+0300    +00050001300000039074R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7PR06   RW06 001 0000W06A0N3458142010W07822196035+000500300N3459103700W078205534001067512240003 87F400350E6D8DECD
        SUSAP KCTZK7PR06   RW06 002E      +00396+00396LPV       53720
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 MAY 2011	AMDT: 1 DATED: 05/10/2007

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7SRW06 K7PG              0   18018003125                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 130	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 05/10/2007

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
JASUK (IF/IAF)	EGAPE (FB)	240.10 / 5.93	1700
EGAPE (FAF)	WOGOP/1.80 NM TO RW24 (FB)	240.03 / 2.95	
WOGOP/1.80 NM TO RW24	RW24 (MAP) (FO)	240.01 / 1.80	
RW24 (MAP)	520 MSL	240.01	
520 MSL	WEXES (FO)		2500

MISSED APPROACH

LNAV: RW24
LP: RW24

CLIMB TO 2500 DIRECT WEXES AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 059.89 INBOUND.
CHART FAS OBST: 390 TOWER 350012N/0782027W
CHART FAS OBST: 269 TREE 345913N/0782104W
CHART 427 TOWER 350128N/0781759W.
CHART GAMECOCK A MOA.
CHART SEYMOUR JOHNSON ECHO MOA.
WAAS CHANNEL # 99321
REFERENCE PATH ID: W24B
EGAPE TO RW24: 300/45.
LTP HAE: 9.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JASUK, RT, 240.10 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 240.03 FAF: EGAPE DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: JASUK 2500, EGAPE 1700, WOGOP/1.80 NM TO RW24 760
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: RW24 3100

MAG VAR: 9W EPOCH YEAR: 2005

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	520	1	376	520	1	376	520	1	376	520	1	376			
LNAV MDA	640	1	496	640	1	496	640	1 3/8	496	640	1 3/8	496			
CIRCLING	680	1	536	680	1	536	780	1 3/4	636	780	2	636			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE LNAV, LP AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
CLINTON, NC	CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Y RWY 24, AMDT 1 5 MAY 2011	AMDT: ORIG DATED 11/25/2004

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.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Y RWY 24, AMDT 1 5 MAY 2011	AMDT: ORIG
				DATED: 11/25/2004

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	KCTZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24B
LTP/FTP LATITUDE	345845.3445N
LTP/FTP LONGITUDE	0782132.9030W
LTP/FTP ELLIPSOIDAL HEIGHT	+00092
FPAP LATITUDE	345749.1600N
FPAP LONGITUDE	0782257.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
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)	0.0
CRC REMAINDER	C836BF3E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00438
FPAP ORTHOMETRIC HEIGHT	+00438

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Y RWY 24, AMDT 1 5 MAY 2011	AMDT: ORIG
				DATED: 11/25/2004

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   EGAPE K70    W     N35014477W078170350                    W0091     NAR          EGAPE
          SUSAEAENRT   JASUK K70    W     N35052885W078112603                    W0091     NAR          JASUK
          SUSAEAENRT   WEXES K70    W     N34504997W078332407                    W0088     NAR          WEXES
          SUSAEAENRT   WOGOP K70    W     N34595342W078195075                    W0090     NAR          WOGOP

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCTZK7ACTZ     0     050YHN34582978W078215627W009000144         1800018000C    MNAR    CLINTON-SAMPSON COUNTY

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCTZK7FR24-Y AJASUK 010JASUKK7EA0EE AR   HF                  24010040    + 02500     18000                A JS
          SUSAP KCTZK7FR24-Y R      010JASUKK7EA0E  I    IF                              + 02500     18000                A JS
          SUSAP KCTZK7FR24-Y R      020EGAPEK7EA1E  F 051TF                  24010059    + 01700                  RW24  K7PGA JS
          SUSAP KCTZK7FR24-Y R      020EGAPEK7EA2WALP        N          ALNAV                                              JS
          SUSAP KCTZK7FR24-Y R      021WOGOPK7EA0E S  031TF                  24000030    V 0076000762        -300           A JS
          SUSAP KCTZK7FR24-Y R      030RW24 K7PG0GY M 031TF                  24000018      00189             -300           A JS
          SUSAP KCTZK7FR24-Y R      040         0  M     CA                  2400        + 00520                          A JS
          SUSAP KCTZK7FR24-Y R      050WEXESK7EA0EY       DF                              + 02500                          A JS
          SUSAP KCTZK7FR24-Y R      060WEXESK7EA0EE  R    HM                  05990040    + 02500                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCTZK7GRW24     0050022400 N34584534W078213290-0300     +00092001440000045074R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCTZK7PR24-Y RW24 001Y0000W24B0N3458453445W07821329030+000920300N3457491600W078225714001067512240004 50F400000C836BF3E
          SUSAP KCTZK7PR24-Y RW24 002E      +00438+00438LP        99321
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Y RWY 24, AMDT 1 5 MAY 2011	AMDT: ORIG
				DATED: 11/25/2004

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     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7SRW24 K7PG              0   18018003125                                                          M
```

QUALITY CHECKED 6

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Y RWY 24, AMDT 1 5 MAY 2011	AMDT: ORIG
				DATED: 11/25/2004

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
JASUK (IF/IAF)	YISUT (FB)	240.10 / 6.76	1700
YISUT (FAF)	RW24 (MAP) (FO)	240.03 / 3.92	
RW24 (MAP)	447 MSL	240.03	
447 MSL	WEXES (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA

CLIMB TO 2500 DIRECT WEXES AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 059.89 INBOUND.
CHART FAS OBST: 236 TREE 345846N/0782125W
CHART FAS OBST: 264 TREE 345905N/0782038W
CHART GAMECOCK A MOA.
CHART SEYMOUR JOHNSON ECHO MOA.
DISTANCE TO THLD FROM 303 HATH: 0.64 NM.
WAAS CHANNEL # 82620
REFERENCE PATH ID: W24A
LTP HAE: 9.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JASUK, RT, 240.10 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 240.03 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: JASUK 2500, YISUT 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: YISUT 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.60 TCH: 58.0 34:1 IS NOT CLEAR
8. MSA FROM: RW24 3100

MAG VAR: 9W EPOCH YEAR: 2005

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	447	1	303	447	1	303	447	1	303		NA				
LNAV/VNAV DA	566	1 1/4	422	566	1 1/4	422	566	1 1/4	422		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING KENANSVILLE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 34C (93F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY ASSURED

CITY AND STATE	ELEVATION: 144 THRE: 144 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Z RWY 24, ORIG 5 MAY 2011	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 PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING AND INCREASE ALL DA 45 FEET, INCREASE LNAV/VNAV CATS A/B/C VISIBILITY 1/8 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Z RWY 24, ORIG 5 MAY 2011	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	KCTZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	345845.3445N
LTP/FTP LONGITUDE	0782132.9030W
LTP/FTP ELLIPSOIDAL HEIGHT	+00092
FPAP LATITUDE	345749.1600N
FPAP LONGITUDE	0782257.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7F5B2B4E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00438
FPAP ORTHOMETRIC HEIGHT	+00438

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Z RWY 24, ORIG 5 MAY 2011	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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JASUK K70    W     N35052885W078112603                        W0091     NAR          JASUK
        SUSAEAENRT   WEXES K70    W     N34504997W078332407                        W0088     NAR          WEXES
        SUSAEAENRT   YISUT K70    W     N35011353W078175044                        W0090     NAR          YISUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7ACTZ     0     050YHN34582978W078215627W009000144         1800018000C    MNAR    CLINTON-SAMPSON COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7FR24-Z AJASUK 010JASUKK7EA0EE AR   HF                    24010040    + 02500     18000                A JS
        SUSAP KCTZK7FR24-Z R      010JASUKK7EA0E  I    IF                                + 02500     18000                A JS
        SUSAP KCTZK7FR24-Z R      020YISUTK7EA1E  F 051TF                    24010068    + 01700                 RW24  K7PGA JS
        SUSAP KCTZK7FR24-Z R      020YISUTK7EA2WALPV       ALNAV/VNAV N                                                    JS
        SUSAP KCTZK7FR24-Z R      030RW24 K7PG0GY M 031TF                    24000039      00202           -360           A JS
        SUSAP KCTZK7FR24-Z R      040         0  M     CA                    2400        + 00447                          A JS
        SUSAP KCTZK7FR24-Z R      050WEXESK7EA0EY      DF                                + 02500                          A JS
        SUSAP KCTZK7FR24-Z R      060WEXESK7EA0EE  R   HM                    05990040    + 02500                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7GRW24    0050022400 N34584534W078213290-0300    +00092001440000058074R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7PR24-Z RW24  001Z0000W24A0N3458453445W07821329030+00092036ON3457491600W078225714001067512240005 80F4005007F5B2B4E
        SUSAP KCTZK7PR24-Z RW24  002E      +00438+00438LPV       82620

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7SRW24 K7PG              0   18018003125                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 THRE: 144	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLINTON, NC	AIRPORT NAME: CLINTON-SAMPSON COUNTY	RNAV	RNAV (GPS) Z RWY 24, ORIG 5 MAY 2011	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.
CLINTON, NC	CLINTON-SAMPSON COUNTY	5 MAY 2011	2

TAKEOFF MINIMUMS:

RWY 06, 24 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 06, TREES 10 FT FROM DER, 393 FT RIGHT OF CENTERLINE, UP TO 116 FT AGL/245 FT MSL. TREES 1306 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/269 FT MSL.
NOTE: RWY 24, TREES 14 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/188 FT MSL, TREE 1718 FT FROM DER, 891 FT LEFT OF CENTERLINE, 100 FT AGL/219 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

QUALITY CHECKED

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
FAY VOR/DME (IAF)	ALEXA/FAY 12.00 DME (NOPT)	095.21 / 12.00	2200
HOKMU/FAY 12.00 DME CW (IAF)	ALEXA/FAY 12.00 DME (NOPT)	12.00 DME ARC	2200
EYOBI/FAY 12.00 DME CCW (IAF)	ALEXA/FAY 12.00 DME (NOPT)	12.00 DME ARC	2200
ALEXA/FAY 12.00 DME (IF/IAF)	AGNAS/FAY 20.00 DME	095.21 / 8.00 (FAY R-095)	2000

MISSED APPROACH

MAP: GUTEY/ 24.81 DME

CLIMBING RIGHT TURN TO 2200 ON FAY VOR/DME R-095 TO ALEXA/FAY 12.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 460 LANDFILL 345854N/0782707W
CHART FAY R-178 AT EYOBI.
CHART FAY R-009 AT HOKMU.
FAC CROSSES MID POINT OF RWY 06/24.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ALEXA, RT, 095.21 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC 095.21 FAF AGNAS/FAY 20.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ALEXA 2200, AGNAS 2000
8. MSA FROM: FAY VOR/DME 2300 (26 NM)

MAG VAR: 4W EPOCH YEAR:1965

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | CIRCLING: 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	760	1	616	760	1 1/4	616	780	1 3/4	636	780	2	636			

NOTES:

CHART NOTE; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE CIRCLING CATS C/D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE

QUALITY CHECKED

CITY AND STATE	ELEVATION: 144 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CLINTON, NC	CLINTON-SAMPSON COUNTY	FAY	VOR/DME-A, AMDT 6 5 MAY 2011	AMDT 5 DATE 05/10/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CVI VORTAC (IAF)	IDWAP INT/I-EDE 12.02 DME (NOPT)	131.28 / 17.31	2500
ECG VOR/DME (IAF)	IDWAP INT/I-EDE 12.02 DME (NOPT)	270.11 / 19.29	2500
IDWAP INT/I-EDE 12.02 DME (IF/IAF)	EYUFI INT/I-EDE 5.98 DME	189.91 / 6.04 (I-EDE)	1600

MISSED APPROACH

ILS: DA
LOC: 4.83 MILES AFTER EYUFI INT/EDE 5.98 DME OR AT I-EDE 1.15 DME FIX

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 030 AND I-EDE LOCALIZER N COURSE (010) TO IDWAP INT/I-EDE 12.02 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 78 TREE 360222N/0763421W
CHART R-5301, R-5302B R-5314J.
CHART VDP AT 2.03 DME*;
DISTANCE VDP TO THLD 0.88 MILES.
*LOC ONLY.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N IDWAP, RT, 189.91 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 189.91 FAF: EYUFI INT/I-EDE 5.98 DME DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: IDWAP 2500, EYUFI 1600
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 900
6. MIN GS INCPT: 1600 GS ALT AT: EYUFI 1600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 42.7
8. MSA FROM: ECG VOR/DME 2700

MAG VAR: 10W EPOCH YEAR: 2000

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 19	219	3/4	200	219	3/4	200	219	3/4	200	219	3/4	200			
S-LOC 19	340	1	321	340	1	321	340	1	321	340	1	321			
CIRCLING	520	1	500	520	1	500	520	1 1/2	500	580	2	560			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETH CITY ALTIMETER SETTING AND INCREASE DA TO 275 FEET AND ALL MDA 60 FEET AND INCREASE S-ILS 19 ALL CATS AND S-LOC 19 CATS C/D VISIBILITY 1/8 MILE.
CHART NOTE: VDP NA WHEN USING ELIZABETH CITY ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	NORTHEASTERN RGNL	I-EDE	ILS OR LOC RWY 19, ORIG 5 MAY 2011	AMDT: NONE DATED

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NOTES, (CONT.):
CHART NOTE: DME OR RADAR REQUIRED.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT CVI VORTAC ON V194 WESTBOUND.
CHART NOTE: PROCEDURE NA FOR ARRIVALS ON ECG VOR/DME AIRWAY RADIALS 250 CW 311.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: NORTHEASTERN RGNL	I-EDE	ILS OR LOC RWY 19, ORIG 5 MAY 2011	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 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CVI   K7011460VTL  N36222249W076521756    N36222249W076521756W0090000651     NARCOFIELD
        SUSAD        ECG   K7011250VDL  N36152727W076103225    N36152727W076103225W0070000141     NARELIZABETH CITY
        SUSAD KEDEK7 IEDE  K7011095 IT                     IEDEN36010375W076340611     000120     NARNORTHEASTEN RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EYUFI K70    C     N36070290W076341179                    W0104     NAR          EYUFI
        SUSAEAENRT   IDWAP K70    C     N36130582W076341249                    W0104     NAR          IDWAP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEDEK7AEDE     0     060YHN36013980W076340150W010000020         1800018000C    MNAR    NORTHEASTERN RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEDEK7FI19   ACVI   010CVI  K7D 0V  A    FC CVI K7      00000000131301530   + 02500     18000                0 NS
        SUSAP KEDEK7FI19   ACVI   020IDWAPK7EA0EE B    CF IEDEK7      00990120131300201   + 02500                          0 NS
        SUSAP KEDEK7FI19   AECG   010ECG  K7D 0V  A    FC ECG K7      00000000270101730   + 02500     18000                0 NS
        SUSAP KEDEK7FI19   AECG   020IDWAPK7EA0EE B    CF IEDEK7      00990120270100201   + 02500                          0 NS
        SUSAP KEDEK7FI19   AIDWAP 010IDWAPK7EA0EE AR   HF CVI K7      13130173189901 0D   + 02500     18000                0 NS
        SUSAP KEDEK7FI19   I      010IDWAPK7EA0E  I    IF IEDEK7      00990120         PI J 025000160018000                 0 NS
        SUSAP KEDEK7FI19   I      020EYUFIK7EA0E  F    CF IEDEK7      00990060190000601   H 0160001600        -300ECG  K7D 0 NS
        SUSAP KEDEK7FI19   I      030RW19 K7PG0GY M    CF IEDEK7      00990012190000481     00062         -300               0 NS
        SUSAP KEDEK7FI19   I      040          0  M    CA                    1899        + 00600                          0 NS
        SUSAP KEDEK7FI19   I      050          0    R  VIY                   0300                                         0 NS
        SUSAP KEDEK7FI19   I      060IDWAPK7EA0EY      CF CVI K7      13130173009900 70   + 02500                          0 NS
        SUSAP KEDEK7FI19   I      070IDWAPK7EA0EE  R   HM                    1899T010    + 02500                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEDEK7GRW19    0060001899 N36021261W076341123+0000    -0031000019000043100IIEDE1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEDEK7IIEDE1   011095RW19 N36010339W076341110189 9N36020372W0763406211000 0900057230 0W01004300014
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: **NORTHEASTERN RGNL**	**I-EDE**	**ILS OR LOC RWY 19, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEDEK7SECG  K7D               0   18018002725                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: **NORTHEASTERN RGNL**	**I-EDE**	**ILS OR LOC RWY 19, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CVI	CVI	010	IAF	FC		FB		131.3()	015.3	AA 02500	
	CVI	IDWAP	020		CF		FB		131.3()	002.0	AA 02500	
	ECG	ECG	010	IAF	FC		FB		270.1()	017.3	AA 02500	
	ECG	IDWAP	020		CF		FB		270.1()	002.0	AA 02500	
	IDWAP	IDWAP	010	IAF	HF	R	FO		189.9()	T01.0	AA 02500	
		IDWAP	010	FACF	IF		FB				AA 02500 GI 01600	
		EYUFI	020	FAF	CF		FB		190.0()	006.0	GI 01600 GS 01600	
		RW19	030	MAP	CF		FO		190.0()	004.8	AT 00062	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		189.9()		AA 00600	
		050		VI	R	FB		030.0()			
	IDWAP	060		CF		FO		009.9()	007.0	AA 02500	
	IDWAP	070		HM	R	FO		189.9()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVI	N362222.49	W0765217.56	N3622.375	W07652.293
	ECG	N361527.27	W0761032.25	N3615.455	W07610.538
	IEDE (DME)	N360103.75	W0763406.11	N3601.063	W07634.102
	EYUFI	N360702.90	W0763411.79	N3607.048	W07634.197
	IDWAP	N361305.82	W0763412.49	N3613.097	W07634.208
	RW19	N360212.61	W0763411.23	N3602.210	W07634.187
	IEDE (LOC)	N360103.39	W0763411.10	N3601.057	W07634.185

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	00019	43

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: **NORTHEASTERN RGNL**	**I-EDE**	**ILS OR LOC RWY 19, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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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 5 MAY 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 20 TDZE: 20	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
EDENTON, NC	AIRPORT NAME: **NORTHEASTERN RGNL**	**I-EDE**	**LOC RWY 19, ORIG, 05/10/2007**	AMDT **NONE**
				DATE

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
ECG VOR/DME	OJGAL (FB)	287.55 / 15.10	2500
OJGAL (IAF)	IDWAP (NOPT) (FB)	234.05 / 6.00	2500
SUNNS (IAF)	IDWAP (NOPT) (FB)	202.82 / 13.64	2500
CVI VORTAC (IAF)	IDWAP (NOPT) (FB)	132.28 / 17.31	2500
IDWAP (IF/IAF)	EYUFI (FB)	189.91 / 6.04	1600
EYUFI (FAF)	ZAKUN/1.60 NM TO RW19 (FB)	189.91 / 3.23	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2500
DIRECT IDWAP AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N IDWAP, RT, 189.91 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 189.91 FAF: EYUFI DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: IDWAP 2500, EYUFI 1600, ZAKUN/1.60 NM TO RW19 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: EYUFI 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 42.7 34:1 IS CLEAR
8. MSA FROM: RW19 2700

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 87 TREE 360200N/0763338W
CHART 330 TOWER 360705N/0763519W.
CHART R-5314J, R-5301, R-5302B.
DISTANCE TO THLD FROM 200 HATH: 0.49 NM.
CHART VDP AT 0.88 MILES TO RW19*
*LNAV ONLY.
WAAS CHANNEL # 90503
REFERENCE PATH ID: W19A
LTP HAE: -31 M

MAG VAR: 10W 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	219	3/4	200	219	3/4	200	219	3/4	200	219	3/4	200			
LNAV/VNAV DA	269	3/4	250	269	3/4	250	269	3/4	250	269	3/4	250			
LNAV MDA	340	1	321	340	1	321	340	1	321	340	1	321			
CIRCLING	520	1	500	520	1	500	520	1 1/2	500	580	2	560			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING ELIZABETH CITY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELIZABETH CITY ALTIMETER SETTING AND INCREASE LPV DA TO 275 LNAV/VNAV DA TO 325 AND ALL MDA 60 FEET, INCREASE LPV ALL CATS AND LNAV
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	NORTHEASTERN RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 2 5 MAY 2011	AMDT: 1 DATED 05/10/2007

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZAKUN/1.60 NM TO RW19	RW19 (MAP) (FO)	189.91 / 1.60	
RW19 (MAP)	600 MSL	189.91	600
600 MSL	IDWAP (FO)		2500

NOTES, (CONT.):
CAT C/D VISIBILITY 1/8 MILE AND LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WHEN USING ELIZABETH CITY ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNNS ON V139 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CVI VORTAC AIRWAY RADIALS 055 CW 218.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ECG VOR/DME AIRWAY RADIALS 250 CW 265.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: NORTHEASTERN RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 2 5 MAY 2011	AMDT: 1 DATED: 05/10/2007

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	KEDE
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	360212.6100N
LTP/FTP LONGITUDE	0763411.2300W
LTP/FTP ELLIPSOIDAL HEIGHT	-00310
FPAP LATITUDE	360043.3800N
FPAP LONGITUDE	0763411.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00042.7
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	44A3E572

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00057
FPAP ORTHOMETRIC HEIGHT	+00057

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: NORTHEASTERN RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 05/10/2007

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
NAVAID 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAD        CVI   K7011460VTL  N36222249W076521756    N36222249W076521756W0090000651     NARCOFIELD
       SUSAD        ECG   K7011250VDL  N36152727W076103225    N36152727W076103225W0070000141     NARELIZABETH CITY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   EYUFI K70    C     N36070290W076341179                    W0104     NAR           EYUFI
       SUSAEAENRT   IDWAP K70    C     N36130582W076341249                    W0104     NAR           IDWAP
       SUSAEAENRT   OJGAL K70    W     N36172504W076290315                    W0105     NAR           OJGAL
       SUSAEAENRT   SUNNS K70    C   L N36262474W076302821                    W0105     NAR           SUNNS
       SUSAEAENRT   ZAKUN K70    W     N36034875W076341142                    W0104     NAR           ZAKUN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KEDEK7AEDE     0     060YHN36013980W076340150W010000020         1800018000C    MNAR    NORTHEASTERN RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KEDEK7FR19   ACVI   010CVI  K7D 0V  A    IF                                                  18000                A JS
       SUSAP KEDEK7FR19   ACVI   020IDWAPK7EA0EE B 010TF                    13230173    + 02500                                A JS
       SUSAP KEDEK7FR19   AECG   010ECG  K7D 0V       IF                                                  18000                A JS
       SUSAP KEDEK7FR19   AECG   020OJGALK7EA0E  A 020TF                    28760151    + 02500                                A JS
       SUSAP KEDEK7FR19   AECG   030IDWAPK7EA0EE B 010TF                    23410060    + 02500                                A JS
       SUSAP KEDEK7FR19   AIDWAP 010IDWAPK7EA0EE AR   HF                   18990040    + 02500     18000                      A JS
       SUSAP KEDEK7FR19   ASUNNS 010SUNNSK7EA0E  A    IF                                          18000                      A JS
       SUSAP KEDEK7FR19   ASUNNS 020IDWAPK7EA0EE B 010TF                    20280136    + 02500                                A JS
       SUSAP KEDEK7FR19   R      010IDWAPK7EA0E  I    IF                                 + 02500     18000                      A JS
       SUSAP KEDEK7FR19   R      020EYUFIK7EA1E  F 051TF                    18990060    + 01600                 RW19  K7PGA  A JS
       SUSAP KEDEK7FR19   R      020EYUFIK7EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
       SUSAP KEDEK7FR19   R      021ZAKUNK7EA0E S  031TF                    18990032    V 0056000571        -300             A JS
       SUSAP KEDEK7FR19   R      030RW19 K7PG0GY M 031TF                    18990016      00062             -300             A JS
       SUSAP KEDEK7FR19   R      040         0  M     CA                    1899        + 00600                            A JS
       SUSAP KEDEK7FR19   R      050IDWAPK7EA0EY  R   DF                                + 02500                            A JS
       SUSAP KEDEK7FR19   R      060IDWAPK7EA0EE  R   HM                    18990040    + 02500                            A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: NORTHEASTERN RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 05/10/2007

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KEDEK7GRW19    0060001899 N36021261W076341123+0000    -00310000190000431001

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KEDEK7PR19   RW19 001 0000W19A0N3602126100W07634112300-003100300N3600433800W0763411060010675092000042 7F40035044A3E572
       SUSAP KEDEK7PR19   RW19 002E      +00057+00057LPV       90503

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KEDEK7SRW19 K7PG              0   18018002725                                                              M
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 20 THRE: 19	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EDENTON, NC	AIRPORT NAME: NORTHEASTERN RGNL	RNAV	RNAV (GPS) RWY 19, AMDT 2 5 MAY 2011	AMDT: 1 DATED: 05/10/2007

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 05 MAY 2011

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1335 TDZE: 1335	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OAKES, ND	AIRPORT NAME: OAKES MUNI	GPS	GPS RWY 30, ORIG-A, 09/14/2000	AMDT ORIG
				DATE 05/22/1997

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
WODTY	ICEFU (FB)	097.25 / 22.90	5000
OPILY	ICEFU (FB)	016.27 / 18.84	5000
ICEFU (IAF)	JEXEG (FB)	016.40 / 8.65	3500
EVUKY (IAF)	JEXEG (FB)	258.73 / 9.46	3500
JEXEG (IF)	KEVGY (FB)	304.62 / 5.97	3000
KEVGY (FAF)	RW30 (MAP) (FO)	304.54 / 5.13	
RW30 (MAP)	2000 MSL	304.54	2000
2000 MSL	EVUKY (FO)		5000

MISSED APPROACH

LNAV: RW30

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 5000 DIRECT EVUKY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 258.73 INBOUND.
FAS OBST: 1599 AAO 460720N/0980102W
KEVGY TO RW30: 3.00/30

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JEXEG
3. FAC: 304.54 FAF: KEVGY DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: JEXEG 3500, KEVGY 3000
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: RW30 3500

MAG VAR: 7E EPOCH YEAR: 1995

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	1920	1	585	1920	1	585	1920	1 3/4	585		NA				
CIRCLING	1920	1	585	1920	1	585	2020	2	685		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ABERDEEN ALTIMETER SETTING; INCREASE ALL MDA 120 FT AND LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WODTY ON V170 NORTHBOUND.

4 CHECKED

CITY AND STATE	ELEVATION: 1335 THRE: 1335 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OAKES, ND	OAKES MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 05 MAY 2011	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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   EVUKY K30    C    L N46033734W097390129                    E0044     NAR           EVUKY
         SUSAEAENRT   ICEFU K30    W      N45545827W097572967                    E0047     NAR           ICEFU
         SUSAEAENRT   JEXEG K30    W      N46025434W097523373                    E0046     NAR           JEXEG
         SUSAEAENRT   KEVGY K30    W      N46065193W097585857                    E0047     NAR           KEVGY
         SUSAEAENRT   OPILY K30    R    L N45374029W098080943                    E0048     NAR           OPILY
         SUSAEAENRT   WODTY K30    R    L N46004086W098291748                    E0051     NAR           WODTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 2D5 K3A2D5     0      035YHN46102321W098044760E007001335          1800018000C     MNAR     OAKES MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 2D5 K3FR30    AEVUKY 010EVUKYK3EA0E  A     IF                                                 18000                 B JS
         SUSAP 2D5 K3FR30    AEVUKY 020JEXEGK3EA0EE B 010TF                        25870095     + 03500                              B JS
         SUSAP 2D5 K3FR30    AOPILY 010OPILYK3EA0E        IF                                                 18000                 B JS
         SUSAP 2D5 K3FR30    AOPILY 020ICEFUK3EA0E  A 020TF                        01630188     + 05000                              B JS
         SUSAP 2D5 K3FR30    AOPILY 030JEXEGK3EA0EE B 010TF                        01640087     + 03500                              B JS
         SUSAP 2D5 K3FR30    AWODTY 010WODTYK3EA0E        IF                                                 18000                 B JS
         SUSAP 2D5 K3FR30    AWODTY 020ICEFUK3EA0E  A 020TF                        09730229     + 05000                              B JS
         SUSAP 2D5 K3FR30    AWODTY 030JEXEGK3EA0EE B 010TF                        01640087     + 03500                              B JS
         SUSAP 2D5 K3FR30    R      010JEXEGK3EA0E  I     IF                                      + 03500     18000                 B JS
         SUSAP 2D5 K3FR30    R      020KEVGYK3EA1E  F 051TF                       30460060     + 03000                 RW30  K3PGB JS
         SUSAP 2D5 K3FR30    R      020KEVGYK3EA2WN           N          ALNAV                                                      JS
         SUSAP 2D5 K3FR30    R      030RW30 K3PG0GY M 031TF                       30450051       01365                 -300          B JS
         SUSAP 2D5 K3FR30    R      040          0  M  010CA                      3045         + 02000                              B JS
         SUSAP 2D5 K3FR30    R      050EVUKYK3EA0EY  R010DF                                    + 05000                              B JS
         SUSAP 2D5 K3FR30    R      060EVUKYK3EA0EE  R020HM                      25870050     + 05000                              B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 2D5 K3GRW30    0035053045 N46101600W098043037-0100    +0382101335000030060R
```

QUALITY 4 CHECKS

CITY AND STATE	ELEVATION: 1335 THRE: 1335	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OAKES, ND	AIRPORT NAME: OAKES MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 05 MAY 2011	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 2D5 K3SRW30 K3PG                0   18018003525                                                              M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1335 THRE: 1335	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OAKES, ND	AIRPORT NAME: OAKES MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 05 MAY 2011	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.
OAKES, ND	OAKES MUNI	05 MAY 2011	1

TAKEOFF MINIMUMS:

RWY 12, 30: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, TREES BEGINNING 2071 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1459 FT MSL.
NOTE: RWY 30, TREES BEGINNING 2509 FT FROM DER, 744 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1454 FT MSL.

CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

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.
OGALLALA, NE	SEARLE FIELD	05 MAY 2011	4

TAKEOFF MINIMUMS:

RWY 8, 13, 26, STANDARD.

RWY 31, STANDARD WITH MINIMUM CLIMB OF 318 FT PER NM TO 4400 OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 8 – CLIMB HEADING 078.91 TO 3900 BEFORE TURNING LEFT.

RWY 26 – CLIMB HEADING 258.93 TO 4000 BEFORE TURNING RIGHT.

RWY 31 – FOR CLIMB IN VISUAL CONDITIONS: CROSS SEARLE FIELD AT OR ABOVE 4400 FT MSL BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, RISING TERRAIN 35 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 3261 FT MSL. LIGHT ON WINDSOCK 235 FT FROM DER, 417 FT LEFT OF CENTERLINE, 16 FT AGL/3265 FT MSL. VEHICLES ON ROAD BEGINNING 294 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/3257 FT MSL. TRAIN ON TRACKS BEGINNING 469 FT FROM DER, 615 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/3264 FT MSL. WOOD POLE 566 FT FROM DER, 520 FT RIGHT OF CENTERLINE, 24 FT AGL/3262 FT MSL. WOOD POLE 680 FT FROM DER, 461 FT RIGHT OF CENTERLINE, 24 FT AGL/3263 FT MSL.

NOTE: RWY 13, TREES BEGINNING 480 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/3269 FT MSL. POLES BEGINNING 627 FT FROM DER, 168 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/3265 FT MSL. TREE 742 FT FROM DER, 352 FT RIGHT OF CENTERLINE, 51 FT AGL/3290 FT MSL.

NOTE: RWY 26, FENCE 76 FT FROM DER, 252 FT RIGHT OF CENTERLINE, 4 FT AGL/3265 FT MSL. TERRAIN 143 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 3269 FT MSL.

NOTE: RWY 31, TREE 383 FT FROM DER, 290 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3379 FT MSL. TREES BEGINNING 877 FT FROM DER, 314 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/3399 FT MSL. RISING TERRAIN BEGINNING 379 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 3586 FT MSL.

CONTROLLING OBSTACLES:

RWY 8 – 3723 FT MSL TOWER 410802.00N/1014144.00W.

RWY 26 – 3799 FT MSL TOWER 410819.27N/1015035.58W.

RWY 31: 3976 FT MSL TOWER 411037.00N/1014828.00W.

RWY 31 (VCOA): 3976 FT MSL TOWER 411037.00N/1014828.00W.

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BFF VORTAC	CREVE LOM/INT/I-BFF 6.91 DME	174.81 / 5.54	6200
JUNUM/BFF VORTAC 13.67 DME CW (IAF)	MEILE INT/I-BFF 16.44 DME (NOPT)	13.67 DME ARC	6500
ZIKRU/BFF VORTAC 13.67 DME CCW (IAF)	MEILE INT/I-BFF 16.44 DME (NOPT)	13.67 DME ARC (BFF LR-151)	6500
MEILE INT/I-BFF 16.44 DME (IF/IAF)	CREVE LOM/INT/I-BFF 6.91 DME	305.60 / 9.53 (I-BFF)	5800

MISSED APPROACH

ILS: DA
LOC: 5.08 MILES AFTER CREVE LOM/INT/I-BFF 6.91 DME OR AT CESUB/I-BFF 1.83 DME FIX

CLIMB TO 5800 THEN CLIMBING RIGHT TURN TO 6200 DIRECT BFF VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 5800 THEN CLIMBING RIGHT TURN TO 6200 DIRECT CREVE LOM AND HOLD SE, RT, 305.60 INBOUND. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 245.00 INBOUND.
DO NOT CHART: ALTERNATE MA HOLDING AT CREVE LOM
FAS OBST: 4039 AAO 414928N/1033208W
CHART VDP AT 2.43 DME*;
DISTANCE VDP TO THLD 0.90 MILES.
*LOC ONLY.
CHART BFF R-256 AT ZIKRU.
CHART BFF R-059 AT JUNUM.
CHART IN PLANVIEW: (WIMAX) AT 414337.24N/1032407.59W

1. PT R SIDE OF COURSE 125.60 OUTBOUND 6200 FT WITHIN 10 MILES OF CREVE LOM (IAF)
2.
3. FAC: 305.60 FAF: CREVE LOM/INT/I-BFF 6.91 DME DIST FAF TO MAP: 5.08 THLD: 5.38
4. MIN. ALT: CREVE LOM 5800
5. DIST TO THLD FROM OM: 5.38 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 974
6. MIN GS INCPT: 5800 GS ALT AT: - OM: 5737 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.2
8. MSA FROM: BF LOM 360-270 6800, 270-360 6400

MAG VAR: 10E EPOCH YEAR: 2000

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 30	4144	1/2	200	4144	1/2	200	4144	1/2	200	4144	1/2	200			
S-LOC 30	4300	1/2	356	4300	1/2	356	4300	5/8	356	4300	5/8	356			
CIRCLING	4500	1	533	4500	1	533	4500	1 1/2	533	4600	2	633			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 30 CATS C AND D VISIBILITY TO 1 MILE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLIANCE ALTIMETER SETTING AND INCREASE DA 91 FEET AND ALL MDA 100 FEET. INCREASE S-LOC 30 CATS C AND D VISIBILITY TO 7/8 MILE AND CIRCLING CAT C VISIBILITY TO 1 3/4 MILE, CAT D VISIBILITY TO 2 1/4 MILE.
(SEE FORM 8260-10)

CAT D 700-2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3967 THRE: 3944 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 30
SCOTTSBLUFF, NE	WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	I-BFF	ILS OR LOC RWY 30, AMDT 10 05 MAY 2011	AMDT: 9A DATED 03/15/2007

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 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, WHEN USING ALLIANCE ALTIMETER SETTING, INCREASE S-ILS 30 ALL CATS VISIBILITY TO 7/8 MILE.



CITY AND STATE	ELEVATION: 3967 THRE: 3944	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 30
SCOTTSBLUFF, NE	AIRPORT NAME:	I-BFF	ILS OR LOC RWY 30, AMDT 10	AMDT: 9A
	WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD		05 MAY 2011	DATED: 03/15/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BFF   K3011260VTH  N41533898W103285528    N41533898W103285528E0130041702     NARSCOTTSBLUFF
        SUSAD KBFFK3 IBFF  K3010930 IT                    IBFFN41530304W103362793     039320     NARWESTERN NEB. RGNL/WILLIAM B. H

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CREVE K30    C     N41480687W103295918                    E0083     NAR           CREVE LOM
        SUSAEAENRT   JUNUM K30    R   L N41575041W103112930                    E0082     NAR           JUNUM
        SUSAEAENRT   MEILE K30    C   L N41411730W103210642                    E0082     NAR           MEILE
        SUSAEAENRT   WIMAX K30    W     N41433724W103240759                    E0083     NAR           CNF(WIMAX)
        SUSAEAENRT   ZIKRU K30    R   L N41532836W103471340                    E0085     NAR           ZIKRU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBFFK3ABPF     0     082YHN41522650W10335443OE010003967        1800018000C    MNAR    WESTERN NEB. RGNL/WILLIAM B. H

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBFFK3FI30   ABFF   010BFF  K3D 0V      IF                                          18000                  0 NS
        SUSAP KBFFK3FI30   ABFF   020BF   K3PN0N      TF                                  + 06200                        C NS
        SUSAP KBFFK3FI30   ABFF   030BF   K3PN0NE AL  PI BFF K3      17480055170601000D  + 06200                        C NS
        SUSAP KBFFK3FI30   AJUNUM 010JUNUMK3EA0E  A   IF BFF K3      05910137        D           18000                  0 NS
        SUSAP KBFFK3FI30   AJUNUM 020MEILEK3EA0E  BR  AF BFF K3      141601370591    D   + 06500                        C NS
        SUSAP KBFFK3FI30   AJUNUM 030WIMAXK3EA0EE     CF IBFFK3      12560132303600330PI + 05800                        0 NS
        SUSAP KBFFK3FI30   AZIKRU 010ZIKRUK3EA0E  A   IF BFF K3      25640137        D           18000                  0 NS
        SUSAP KBFFK3FI30   AZIKRU 020MEILEK3EA0E  BL  AF BFF K3      141601372564    D   + 06500                        0 NS
        SUSAP KBFFK3FI30   AZIKRU 030WIMAXK3EA0EE L   CFYIBFFK3      12560132303600330PI + 05800                        0 NS
        SUSAP KBFFK3FI30   I      010WIMAXK3EA0E  I   IF IBFFK3      12560132        PI  J 058000580018000              0 NS
        SUSAP KBFFK3FI30   I      020CREVEK3EA0E  F   CF IBFFK3      125600693060000 5PI H 0580005737       -300BF   K3PN0 NS
        SUSAP KBFFK3FI30   I      030RW30 K3PG0GY M   CF IBFFK3      12560015306000540PI   03997            -300       0 NS
        SUSAP KBFFK3FI30   I      040         0   M   CA                      3056        + 05800                        0 NS
        SUSAP KBFFK3FI30   I      050BFF  K3D 0VY  R  DF                                  + 06200                        0 NS
        SUSAP KBFFK3FI30   I      060BFF  K3D 0VE  R  HM                      2450T010    + 06200                        0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBFFK3GRW30    0082793056 N41515780W103350127+0200    +11832039440000531501IBFF1
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3967 THRE: 3944	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	AIRPORT NAME: **WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD**	**I-BFF**	**ILS OR LOC RWY 30, AMDT 10** 05 MAY 2011	AMDT: **9A**
				DATED: **03/15/2007**

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBFFK3IIBFF1    010930RW30 N41530335W103362718305 6N41520743W1033506491011 0974043230 0E01005303944

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBFFK3SBF    K3PN               0    0901800642518009006825                                                  M

          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAPNKBFFK3 BF     K3002630HOLW N41480944W103295547                      E0100          NARCREVE
```

CITY AND STATE	ELEVATION: 3967 THRE: 3944	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	AIRPORT NAME: **WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD**	**I-BFF**	**ILS OR LOC RWY 30, AMDT 10** 05 MAY 2011	AMDT: **9A**
				DATED: **03/15/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BFF	BFF	010		IF		FB					
	BFF	BF	020		TF		FB				AA 06200	
	BFF	BF	030	IAF	PI	L	FB		170.6()	010.0	AA 06200	
	JUNUM	JUNUM	010	IAF	IF		FB					
	JUNUM	MEILE	020		AF	R	FB		059.1()		AA 06500	
	JUNUM	WIMAX	030		CF		FB		305.6()	003.3	AA 05800	
	ZIKRU	ZIKRU	010	IAF	IF		FB					
	ZIKRU	MEILE	020		AF	L	FB		256.4()		AA 06500	
	ZIKRU	WIMAX	030		CF	L	FB		305.6()	003.3	AA 05800	
		WIMAX	010	FACF	IF		FB				AA 05800 GI 05800	
		CREVE	020	FAF	CF		FB		306.0()	009.5	GI 05800 GS 05737	
		RW30	030	MAP	CF		FO		306.0()	005.4	AT 03997	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		305.6()		AA 05800	
	BFF	050		DF	R	FO				AA 06200	
	BFF	060		HM	R	FO		245.0()	T01.0	AA 06200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BFF	N415338.98	W1032855.28	N4153.650	W10328.921
	IBFF (DME)	N415303.04	W1033627.93	N4153.051	W10336.466
	CREVE	N414806.87	W1032959.18	N4148.115	W10329.986
	JUNUM	N415750.41	W1031129.30	N4157.840	W10311.488
	MEILE	N414117.30	W1032106.42	N4141.288	W10321.107
	WIMAX	N414337.24	W1032407.59	N4143.621	W10324.127
	ZIKRU	N415328.36	W1034713.40	N4153.473	W10347.223
	RW30	N415157.80	W1033501.27	N4151.963	W10335.021
	IBFF (LOC)	N415303.35	W1033627.18	N4153.056	W10336.453
	BF	N414809.44	W1032955.47	N4148.157	W10329.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	03944	53

CITY AND STATE	ELEVATION: 3967 THRE: 3944	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	AIRPORT NAME: **WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD**	**I-BFF**	**ILS OR LOC RWY 30, AMDT 10** 05 MAY 2011	AMDT: **9A** DATED: **03/15/2007**

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.
WAYNE, NE	WAYNE MUNI	05 MAY 2011	4

TAKEOFF MINIMUMS:

RWY 13, 31: NA - ENVIRONMENTAL

RWY 18, 23, 36: STANDARD.

RWY 5: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 1700.

TEXTUAL DEPARTURE PROCEDURES:

RWY 18 - CLIMB HEADING 175.47 TO 1900 BEFORE TURNING RIGHT.

RWY 23 - CLIMB HEADING 228.05 TO 1900 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 2799 FT FROM DER, 442 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1507 FT MSL. FENCE 39 FT FROM DER, 347 FT RIGHT OF CENTERLINE, 9 FT AGL/1429 FT MSL. TREES AND POLES BEGINNING 399 FT FROM DER, 170 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/1603 FT MSL.
NOTE: RWY 18, TREES BEGINNING 38 FT FROM DER, 275 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/1446 FT MSL. TERRAIN BEGINNING 195 FT FROM DER, 279 FT LEFT OF CENTERLINE, UP TO 1438 FT MSL. VEHICLE ON ROAD BEGINNING 664 FT FROM DER, CROSSING LEFT TO RIGHT, UP TO 15 FT AGL/1455 FT MSL.
NOTE: RWY 23, AIRPORT BEACON 114 FT FROM DER, 458 FT LEFT OF CENTERLINE, 55 FT AGL/1489 FT MSL. BLDG 422 FT FROM DER, 280 FT LEFT OF CENTERLINE, 16 FT AGL/1445 FT MSL. TREES AND POLE BEGINNING 291 FT FROM DER, 142 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/1490 FT MSL. TREES AND POLES BEGINNING 225 FT FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/1503 FT MSL. BLDG 1287 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 40 FT AGL/1469 FT MSL.
NOTE: RWY 36, TREE AND POLE BEGINNING 93 FT FROM DER, 294 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/1453 FT MSL. POLE 422 FT FROM DER, 436 FT RIGHT OF CENTERLINE, 27 FT AGL/1453 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 1603 MSL TREE, 421500.88N/0965735.24W.
RWY 18: 1818 MSL TOWER 421200.00N/0970016.00W.
RWY 23: 1804 MSL TOWER 421359.46N/0970204.89W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 18 - 1818 MSL TOWER 421200.00N/0970016.00W. **RWY 23** - 1804 MSL TOWER 421359.46N/0970204.89W.

QUALITY 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
BIGGY (IAF)	ADIUM (NOPT) (FB)	101.56 / 8.11	2000
ADIUM (IF/IAF)	BOXZE (FB)	068.97 / 5.72	1700
BOXZE	ZIPTU/2.00 NM TO RW07 (FB)	069.04 / 2.99	
ZIPTU/2.00 NM TO RW07	RW07 (MAP) (FO)	069.08 / 2.00	
RW07 (MAP)	486 MSL	069.08	
486 MSL	ADIUM (FO)		2000

MISSED APPROACH

LNAV: RW07

CLIMBING RIGHT TURN TO 2000 DIRECT ADIUM AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 209 TREE 403110N/0743607W
CHART 350 PWR LINE 403004N/0743826W.
719 AAO 402858N/0744215W.
CHART TRENTON ASOS.
BOXZE TO RW07: 3.00/30.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ADIUM, RT, 068.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 069.04 FAF: BOXZE DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: ADIUM 2000, BOXZE 1700, ZIPTU/2.00 NM TO RW07 740
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: RW07 2600

MAG VAR: 13W EPOCH YEAR: 2000

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	520	1	438	520	1	438	520	1 1/4	438		NA				
CIRCLING	580	1	494	580	1	494	700	1 3/4	614		NA				

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BIGGY ON V3-419 SOUTHWEST BOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 86 THRE: 82	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	AIRPORT NAME: CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 7, AMDT 1 05 MAY 2011	AMDT: ORIG DATED 10/25/2007

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE TRENTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEWARK ALTIMETER SETTING, AND INCREASE ALL MDA 20 FT, INCREASE LNAV CAT C VISIBILITY 1/8 MILE.

CITY AND STATE	ELEVATION: 86 THRE: 82 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 7, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 10/25/2007

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   ADIUM K60    W     N40252250W074474441                      W0126     NAR           ADIUM
         SUSAEAENRT   BIGGY K60    C   B N40251076W074582157                      W0125     NAR           BIGGY
         SUSAEAENRT   BOXZE K60    W     N40283439W074413191                      W0127     NAR           BOXZE
         SUSAEAENRT   ZIPTU K60    W     N40301451W074381705                      W0127     NAR           ZIPTU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 47N K6A47N     0     035YHN40312798W074355385W013000086         1800018000C    MNAR    CENTRAL JERSEY RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 47N K6FR07   AADIUM 010ADIUMK6EA0EE AR   HF                    06900040    + 02000     18000                B JS
         SUSAP 47N K6FR07   ABIGGY 010BIGGYK6EA0E  A    IF                                        18000                B JS
         SUSAP 47N K6FR07   ABIGGY 020ADIUMK6EA0EE B 010TF                     10160081    + 02000                          B JS
         SUSAP 47N K6FR07   R      010ADIUMK6EA0E  I    IF                                + 02000     18000                B JS
         SUSAP 47N K6FR07   R      020BOXZEK6EA1E  F 051TF                     06900057    + 01700                RW07  K6PGB JS
         SUSAP 47N K6FR07   R      020BOXZEK6EA2WN          N          ALNAV                                                JS
         SUSAP 47N K6FR07   R      021ZIPTUK6EA0E S  031TF                     06900030    V 0074000752        -300         B JS
         SUSAP 47N K6FR07   R      030RW07 K6PG0GY M 031TF                     06910020      00112             -300         B JS
         SUSAP 47N K6FR07   R      040         0  M     CA                     0691        + 00486                          B JS
         SUSAP 47N K6FR07   R      050ADIUMK6EA0EY  R   DF                                + 02000                          B JS
         SUSAP 47N K6FR07   R      060ADIUMK6EA0EE  R   HM                    06900040    + 02000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 47N K6GRW07    0035100691 N40312151W074360648-0600    -00083000820580300 50R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 47N K6SRW07 K6PG              0   18018002625                                                                  M
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CITY AND STATE	ELEVATION: 86 THRE: 82	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	AIRPORT NAME: CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 7, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 10/25/2007

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
SBJ VOR/DME	JOKMI (FB)	038.73 / 13.02	2500
JOKMI	ATUCA (FB)	119.02 / 9.08	2500
ATUCA (IAF)	YODUR (FB)	179.23 / 6.60	2000
YODUR (IF)	ZOMIM (FB)	249.25 / 6.09	1700
ZOMIM(FAF)	DUYAB/1.70 NM TO RW25 (FB)	249.18 / 3.31	
DUYAB/1.70 NM TO RW25	RW25 (MAP) (FO)	249.14 / 1.70	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW25

CLIMB TO 2000 DIRECT CASUB AND ON TRACK 200.45 TO METRO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 281.68 INBOUND.
CHART FAS OBST: 209 TREE 403205N/0743352W
ZOMIM TO RW25: 3.00/40.
CHART TRENTON ASOS.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YODUR
3. FAC: 249.18 FAF: ZOMIM DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: YODUR 2000, ZOMIM 1700, DUYAB/1.70 NM TO RW25 620
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: RW25 2700

MAG VAR: 13W EPOCH YEAR: 2000

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	520	1	455	520	1	455	520	1 3/8	455		NA				
CIRCLING	580	1	494	580	1	494	700	1 3/4	614		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 86 THRE: 65 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG-A DATED 07/03/2008

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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW25 (MAP)	486 MSL	249.14	
486 MSL	CASUB (FB)		
CASUB	METRO (FO)	200.45 / 4.32	2000

NOTES, (CONT.):
CHART NOTE: USE TRENTON ALTIMETER SETTING, WHEN NOT RECEIVED USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SBJ VOR/DME AIRWAY RADIALS 309 CW 117.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT JOKMI ON V252 NORTHBOUND.

CITY AND STATE	ELEVATION: 86 THRE: 65 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG-A DATED: 07/03/2008

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        SBJ   K6011290VDLA N40345896W074443046    N40345896W074443046W0100001891     NARSOLBERG

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   ATUCA K60    W     N40441185W074253540                    W0129     NAR          ATUCA
       SUSAEAENRT   CASUB K60    W     N40293893W074392630                    W0127     NAR          CASUB
       SUSAEAENRT   DUYAB K60    W     N40323308W074334675                    W0128     NAR          DUYAB
       SUSAEAENRT   JOKMI K60    C   L N40464282W074370404                    W0128     NAR          JOKMI
       SUSAEAENRT   METRO K60    C   L N40252177W074401030                    W0127     NAR          METRO
       SUSAEAENRT   YODUR K60    W     N40374708W074233162                    W0129     NAR          YODUR
       SUSAEAENRT   ZOMIM K60    W     N40342371W074301042                    W0128     NAR          ZOMIM

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 47N K6A47N     0     035YHN40312798W074355385W013000086         1800018000C    MNAR    CENTRAL JERSEY RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 47N K6FR25   AJOKMI 010JOKMIK6EA0E       IF                                          18000                B JS
       SUSAP 47N K6FR25   AJOKMI 020ATUCAK6EA0E  A 020TF                    11900091    + 02500                       B JS
       SUSAP 47N K6FR25   AJOKMI 030YODURK6EA0EE B 010TF                    17920066    + 02000                       B JS
       SUSAP 47N K6FR25   ASBJ   010SBJ  K6D 0V       IF                                          18000                B JS
       SUSAP 47N K6FR25   ASBJ   020JOKMIK6EA0E    020TF                    03870130    + 02500                       B JS
       SUSAP 47N K6FR25   ASBJ   030ATUCAK6EA0E  A 020TF                    11900091    + 02500                       B JS
       SUSAP 47N K6FR25   ASBJ   040YODURK6EA0EE B 010TF                    17920066    + 02000                       B JS
       SUSAP 47N K6FR25   R      010YODURK6EA0E  I    IF                                  + 02000     18000            B JS
       SUSAP 47N K6FR25   R      020ZOMIMK6EA1E  F 051TF                    24930061    + 01700               RW25  K6PGB JS
       SUSAP 47N K6FR25   R      020ZOMIMK6EA2WN          N          ALNAV                                             JS
       SUSAP 47N K6FR25   R      021DUYABK6EA0E S  031TF                    24920033    V 0062000646        -300      B JS
       SUSAP 47N K6FR25   R      030RW25 K6PG0GY M 031TF                    24910017      00105             -300      B JS
       SUSAP 47N K6FR25   R      040         0  M     CA                    2491        + 00486                       B JS
       SUSAP 47N K6FR25   R      050CASUBK6EA0E       DF                                                            B JS
       SUSAP 47N K6FR25   R      060METROK6EA0EY   010TF                    2005        + 02000                       B JS
```

QUALITY A

CITY AND STATE	ELEVATION: 86 THRE: 65	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	AIRPORT NAME: CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG-A DATED: 07/03/2008

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        SUSAP 47N K6FR25    R       070METROK6EA0EE  R    HM                    28170040     + 02000                          B JS

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

        SUSAP 47N K6GRW25     0035102491 N40313620W074353783+0600     -0013100065026540050R

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

        SUSAP 47N K6SRW25 K6PG                0   18018002725                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 86 THRE: 65	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MANVILLE, NJ	AIRPORT NAME: CENTRAL JERSEY RGNL	RNAV	RNAV (GPS) RWY 25, AMDT 1 05 MAY 2011	AMDT: ORIG-A DATED: 07/03/2008

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.
CLAYTON, NM	CLAYTON MUNI Airpark	5 MAY 2011	1

TAKEOFF MINIMUMS:

RWY 12, 20, STANDARD.

RWY 2, STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 6700.

RWY 30, STANDARD WITH MINIMUM CLIMB OF 257 FT PER NM TO 6700.

TEXTUAL DEPARTURE PROCEDURES:

RWY 20: CLIMB HEADING 201.23 TO 5500 BEFORE TURNING RIGHT.

RWY 30: CLIMB HEADING 301.22 TO 6700 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 20, VEHICLE ON ROAD 106 FT FROM DER, CROSSING LEFT TO RIGHT, UP TO 15 FT AGL/4975 FT MSL.

CONTROLLING OBSTACLES:

RWY 2: 6258 FT MSL AAO 363202.20N/1031443.40W.
RWY 20: 5440 FT MSL TOWER 362628.00N/1031100.00W.
RWY 30: 5440 FT MSL TOWER 362628.00N/1031100.00W, 5446 FT MSL TOWER 362729.00N/1031120.00W,

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT - RWY 2 - 6258 FT MSL AAO 363202.20N/1031443.40W. **RWY 20** - 5440 FT MSL TOWER 362628.00N/1031100.00W. **RWY 30** - 6258 FT MSL AAO 363202.20N/1031443.40W.

QUALITY CHECKED

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

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:
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:

MAG VAR: EPOCH YEAR:

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 5 MAY 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4875 TDZE: 4782	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOCORRO, NM	AIRPORT NAME: **SOCORRO MUNI**	**RNAV**	**RNAV (GPS) Z RWY 33, ORIG, 08/27/2009**	AMDT: **NONE**
				DATED

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
BUXOM INT/I-VDG 12.39 DME/RADAR (IF)	TRAYL INT/I-VDG 8.99 DME/RADAR	099.03 / 3.40 (I-VDG)	2300
TRAYL INT/I-VDG 8.99 DME/RADAR	BLAZR INT/I-VDG 5.58 DME/RADAR	099.03 / 3.41 (I-VDG)	2000

MISSED APPROACH

ILS: DA
LOC: 5.58 MILES AFTER BLAZR INT/5.58 DME/RADAR

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 4200 ON BTG VORTAC R-160 TO BTG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 4200 ON PDX VOR/DME R-344 TO BTG VORTAC/PDX 9.27 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4200, HOLD N, RT, 163.83

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 163.83 INBOUND.
CHART FAS OBST: 157 CRANE 453644N/1223841W
CHART (ZZZZZ) AT LOC MAP
CHART 298 TOWER 453741N/1223955W
CHART PEARSON FIELD
DO NOT CHART ALTERNATE MA HOLDING
CHART PDX VOR/DME R-344/9.27 DME AT BTG VORTAC

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BUXOM
3. FAC: 099.03 FAF: BLAZR INT/I-VDG 5.58 DME/RADAR DIST FAF TO MAP: 5.48 THLD: 5.93
4. MIN. ALT: TRAYL 2300, BLAZR 2000, JALAG INT/I-VDG 2.81 DME/RADAR 1100*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 946
6. MIN GS INCPT: 2000 GS ALT AT: BLAZR 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 49.6
8. MSA FROM: BTG VORTAC 120-300 3500, 300-120 6200

MAG VAR: 20E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | 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 10L	293	2400	263	293	2400	263	293	2400	263	293	2400	263			
S-LOC 10L	420	2400	390	420	2400	390	420	2400	390	420	4000	390			
CIRCLING	720	1	689	740	1	709	760	2	729	1000	3	969			

NOTES:
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 10L VISIBILITY TO RVR 5000 ALL CATS.

CAT A 700-2, CAT B 800-2, CAT C 800-2, CAT D 1000-3
@ CAT D 1000-3

QUALITY CHECKED

CITY AND STATE	ELEVATION: 31 TDZE: 30	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORTLAND, OR	AIRPORT NAME: PORTLAND INTL	I-VDG	ILS OR LOC RWY 10L, AMDT 3A	AMDT: 3
			05 MAY 2011	DATED 09/23/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        BTG   K1011660VTHW N45445212W122352953    N45445163W122353227E0210002532     NARBATTLE GROUND
          SUSAD KPDXK1 IVDG  K1011130 IT                    IVDGN45354795W122361355     000270     NARPORTLAND INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BLAZR K10    C     N45383378W122430791                    E0163     NAR          BLAZR
          SUSAEAENRT   BUXOM K10    C     N45415127W122513838                    E0164     NAR          BUXOM
          SUSAEAENRT   TRAYL K10    C     N45401281W122472355                    E0163     NAR          TRAYL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPDXK1APDX     0     110YHN45352150W122353420E020000031         1800018000C    MNAR    PORTLAND INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPDXK1FI10L  ABUXOM 010BUXOMK1EA0E  B    IF                                          18000                 0 NS
          SUSAP KPDXK1FI10L  ABUXOM 020TRAYLK1EA0EE      CF IVDGK1      279101090990034PI  + 02300                          0 NS
          SUSAP KPDXK1FI10L  I      010TRAYLK1EA0E  I    IF                                 J 023000200018000                 0 NS
          SUSAP KPDXK1FI10L  I      020BLAZRK1EA0E  F    CF IVDGK1      279100750990034PI  H 0200002000       -300BTG   K1D 0 NS
          SUSAP KPDXK1FI10L  I      030RW10LK1PG0GY M    CF IVDGK1      279100160990059PI    00079        -300              0 NS
          SUSAP KPDXK1FI10L  I      040          0  M    CA                      0990       + 01000                          0 NS
          SUSAP KPDXK1FI10L  I      050          0    L  CIY                     2950                                        0 NS
          SUSAP KPDXK1FI10L  I      060BTG  K1D 0VY      CF BTG K1      0000000034000040D  + 04200                          0 NS
          SUSAP KPDXK1FI10L  I      070BTG  K1D 0VE  R   HM                      1638T010   + 04200                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPDXK1GRW10L   0098250990 N45354128W122354419+0000    -0013700030129050150IIVDG1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPDXK1IIVDG1   011130RW10LN45345553W1223346850990N45353976W1223530171545 09460420300E02005000031

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

CITY AND STATE	ELEVATION: 31 TDZE: 30	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORTLAND, OR	AIRPORT NAME: **PORTLAND INTL**	**I-VDG**	**ILS OR LOC RWY 10L, AMDT 3A** 05 MAY 2011	AMDT: **3**
				DATED: **09/23/2010**

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SUSAP KPDXK1SBTG K1D 0 120300062253001200352 5 M

QUALITY CHECKED

CITY AND STATE	ELEVATION: 31 TDZE: 30	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORTLAND, OR	AIRPORT NAME: PORTLAND INTL	I-VDG	ILS OR LOC RWY 10L, AMDT 3A	AMDT: 3
			05 MAY 2011	DATED: 09/23/2010

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.
CORRY, PA	CORRY-LAWRENCE	05 MAY 2011	ORIG-A

TAKEOFF MINIMUMS:

RWY 14, 32 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TERRAIN, TANK, POLE, AND TREES BEGINNING 54 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/1835 FT MSL. POLE AND TREES BEGINNING 169 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/1808 FT MSL.
NOTE: RWY 32, TREES BEGINNING 35 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1749 FT MSL. TREES BEGINNING 178 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/1756 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

QUALITY CHECKED

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
HAILS (IAF)	ILVER (FB)	023.43 / 10.06	3600
DIANO (IAF)	ILVER (FB)	160.85 / 18.60	3600
ILVER (IF)	FEYJA (FB)	080.76 / 6.10	2500
FEYJA (FAF)	RW08 (MAP) (FO)	080.84 / 6.05	
RW08 (MAP)	934 MSL	080.84	
934 MSL	ILVER (FO)		3600

MISSED APPROACH

LP: RW08
LNAV: RW08

CLIMBING RIGHT TURN TO 3600 DIRECT ILVER AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 080.76 INBOUND.
FAS OBST: 1279 AAO 404721N/0755127W
FAS OBST: 1339 AAO 404755N/0755000W
1739 AAO 404741N/0755427W
1359 AAO 404650N/0755300W
CHART VDP AT 3.04 MILES TO RW08
WAAS CHANNEL # 99421
REFERENCE PATH ID: W08A
FEYJA TO RW08: 3.00/40
LTP HAE: 128.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ILVER
3. FAC: 080.84 FAF: FEYJA DIST FAF TO MAP: 6.05 THLD: 6.05
4. MIN. ALT: ILVER 3600, FEYJA 2500
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: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW08 4000

MAG VAR: 12W EPOCH YEAR: 2000

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	1540	1 1/4	1008	1540	1 1/2	1008		NA			NA				
LNAV MDA	1600	1 1/4	1068	1600	1 1/2	1068		NA			NA				
CIRCLING	1600	1 1/4	1066	1600	1 1/2	1066		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HAILS ON V93 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIANO ON V164 NORTHWEST BOUND AND V499
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 532	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 8, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED 03/22/2001

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.):
NORTHBOUND.
CHART NOTE: VDP NA WITH LEHIGH VALLEY INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEHIGH VALLEY INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 26 NA AT NIGHT.

QUALITY

CITY AND STATE	ELEVATION: 534 THRE: 532	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: **JAKE ARNER MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 8, AMDT 1** 05 MAY 2011	AMDT: **ORIG**
				DATED: **03/22/2001**

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	22N
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	404828.9400N
LTP/FTP LONGITUDE	0754559.5700W
LTP/FTP ELLIPSOIDAL HEIGHT	+01282
FPAP LATITUDE	404900.9900N
FPAP LONGITUDE	0754410.0700W
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	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	15F6EFB3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01622
FPAP ORTHOMETRIC HEIGHT	+01622

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 532	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 8, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 03/22/2001

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DIANO K60    C   L N41000199W076133378                    W0119     NAR           DIANO
        SUSAEAENRT   FEYJA K60    W     N40461797W075532568                    W0120     NAR           FEYJA
        SUSAEAENRT   HAILS K60    R   L N40341343W076033177                    W0119     NAR           HAILS
        SUSAEAENRT   ILVER K60    W     N40440561W076005438                    W0119     NAR           ILVER

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 22N K6A22N      0     030YHN40483423W075454139W012000534         1800018000C    MNAR    JAKE ARNER MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 22N K6FR08   ADIANO 010DIANOK6EA0E  A    IF                                                18000                A JS
        SUSAP 22N K6FR08   ADIANO 020ILVERK6EA0EE B 010TF                    16090186    + 03600                                A JS
        SUSAP 22N K6FR08   AHAILS 010HAILSK6EA0E  A    IF                                                18000                A JS
        SUSAP 22N K6FR08   AHAILS 020ILVERK6EA0EE B 010TF                    02340101    + 03600                                A JS
        SUSAP 22N K6FR08   R      010ILVERK6EA0E  I    IF                               + 03600     18000                      A JS
        SUSAP 22N K6FR08   R      020FEYJAK6EA1E  F 051TF                    08080061    + 02500                RW08  K6PGA JS
        SUSAP 22N K6FR08   R      020FEYJAK6EA2WALP       N          ALNAV                                                    JS
        SUSAP 22N K6FR08   R      030RW08 K6PG0GY M 031TF                    08080061      00572           -300               A JS
        SUSAP 22N K6FR08   R      040         0  M     CA                    0808        + 00934                              A JS
        SUSAP 22N K6FR08   R      050ILVERK6EA0EY  R   DF                               + 03600                              A JS
        SUSAP 22N K6FR08   R      060ILVERK6EA0EE  R   HM                    08080040    + 03600                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 22N K6GRW08    0030000809 N40482894W075455957-0800    +012820053200004006OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 22N K6PR08   RW08 001 0000W08A0N4048289400W07545595700+012820300N4049009900W075441007001067518400004O0F40000015F6EFB3
        SUSAP 22N K6PR08   RW08 002E      +01622+01622LP        99421
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 532	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 8, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 03/22/2001

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 22N K6SRW08 K6PG                0   18018004025                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 532	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 8, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 03/22/2001

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
ETX VOR/DME	FIENE (FB)	051.04 / 16.29	3800
FIENE (IAF)	OCCEZ (FB)	342.06 / 6.00	3700
RACKI (IAF)	OCCEZ (FB)	175.48 / 8.36	3700
OCCEZ (IF)	EJEBA (FB)	261.08 / 6.11	2200
EJEBA (FAF)	WASIG/3.50 NM TO RW26 (FB)	261.00 / 1.69	
WASIG/3.50 NM TO RW26	RW26 (MAP) (FO)	260.98 / 3.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW26
LNAV: RW26

CLIMB TO 3600 DIRECT ILVER AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 080.76 INBOUND.
FAS OBST: 1119 AAO 404841N/0754313W
FAS OBST: 1119 AAO 404907N/0754238W
CHART 1350 TOWER 404943N/0753906W.
WAAS CHANNEL # 53421
REFERENCE PATH ID: W26A
EJEBA TO RW26: 3.00/40.
LTP HAE: 120.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OCCEZ
3. FAC: 261.00 FAF: EJEBA DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: OCCEZ 3700, EJEBA 2200, WASIG/3.50 NM TO RW26 1660
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: RW26 4000

MAG VAR: 12W EPOCH YEAR: 2000

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	1380	1	873	1380	1 1/4	873		NA			NA				
LNAV MDA	1380	1	873	1380	1 1/4	873		NA			NA				
CIRCLING	1460	1 1/4	926	1520	1 1/2	986		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RACKI ON V613 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ETX VOR/DME AIRWAY RADIALS 324 CW 133.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 507	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL		RNAV (GPS) RWY 26, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED 09/28/2006

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW26 (MAP)	934 MSL	260.98	
934 MSL	ILVER (FO)		3600

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEHIGH VALLEY INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND LP AND LNAV CAT A VISIBILITY TO 1 1/4.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 26 NA AT NIGHT.

QUALITY 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 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	22N
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	404839.6000N
LTP/FTP LONGITUDE	0754523.1600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01206
FPAP LATITUDE	404807.5300N
FPAP LONGITUDE	0754712.6400W
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	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	380794A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01545
FPAP ORTHOMETRIC HEIGHT	+01545

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 507	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 26, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 09/28/2006

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        ETX   K6011020VDLW N40345173W075410252    N40345173W075410252W0090007421     NAREAST TEXAS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   EJEBA K60    W     N40503146W075390024                    W0122     NAR           EJEBA
       SUSAEAENRT   FIENE K60    W     N40473036W075273211                    W0123     NAR           FIENE
       SUSAEAENRT   ILVER K60    W     N40440561W076005438                    W0119     NAR           ILVER
       SUSAEAENRT   OCCEZ K60    W     N40524266W075312910                    W0123     NAR           OCCEZ
       SUSAEAENRT   RACKI K60    C   L N41004380W075343705                    W0123     NAR           RACKI
       SUSAEAENRT   WASIG K60    W     N40495506W075410500                    W0122     NAR           WASIG

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAP 22N K6A22N     0     030YHN40483423W075454139W012000534        1800018000C    MNAR    JAKE ARNER MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAP 22N K6FR26   AETX   010ETX  K6D 0V       IF                                                18000                A JS
       SUSAP 22N K6FR26   AETX   020FIENEK6EA0E  A 020TF                    05100163    + 03800                                A JS
       SUSAP 22N K6FR26   AETX   030OCCEZK6EA0EE B 010TF                    34210060    + 03700                                A JS
       SUSAP 22N K6FR26   ARACKI 010RACKIK6EA0E  A    IF                                                18000                A JS
       SUSAP 22N K6FR26   ARACKI 020OCCEZK6EA0EE B 010TF                    17550084    + 03700                                A JS
       SUSAP 22N K6FR26   R      010OCCEZK6EA0E  I    IF                                + 03700     18000                      A JS
       SUSAP 22N K6FR26   R      020EJEBAK6EA1E  F 051TF                    26110061    + 02200                RW26  K6PGA JS
       SUSAP 22N K6FR26   R      020EJEBAK6EA2WALP       N          ALNAV                                                      JS
       SUSAP 22N K6FR26   R      021WASIGK6EA0E S  031TF                    26100017    V 0166001662        -300               A JS
       SUSAP 22N K6FR26   R      030RW26 K6PG0GY M 031TF                    26100035      00547             -300               A JS
       SUSAP 22N K6FR26   R      040         0  M     CA                    2610        + 00934                              A JS
       SUSAP 22N K6FR26   R      050ILVERK6EA0EY      DF                                + 03600                              A JS
       SUSAP 22N K6FR26   R      060ILVERK6EA0EE  R   HM                    08080040    + 03600                              A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 534 THRE: 507	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 26, AMDT 1 05 MAY 2011	AMDT: ORIG
				DATED: 09/28/2006

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 22N K6GRW26    0030002609 N40483960W075452316+0800    +01206005070000400 60R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 22N K6PR26   RW26 001 0000W26A0N4048396000W07545231600+012060300N4048075300W075471264001067518400004 00F400000380794A2
       SUSAP 22N K6PR26   RW26 002E      +01545+01545LP        53421

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 22N K6SRW26 K6PG               0   18018004025                                                              M
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QUALITY CHECKED 6

CITY AND STATE	ELEVATION: 534 THRE: 507	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LEHIGHTON, PA	AIRPORT NAME: JAKE ARNER MEMORIAL	RNAV	RNAV (GPS) RWY 26, AMDT 1 05 MAY 2011	AMDT: ORIG DATED: 09/28/2006

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.
LEHIGHTON, PA	JAKE ARNER MEMORIAL	05 MAY 2011	1

TAKEOFF MINIMUMS:

RWY 8, STANDARD WITH MINIMUM CLIMB OF 426 FT PER NM TO 1700 OR 600-2 ¼ WITH MINIMUM CLIMB OF 269 FT PER NM TO 1700 OR 2000 - 3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 26, STANDARD WITH MINIMUM CLIMB OF 362 FT PER NM TO 1600 OR 2000 – 3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 8 – CLIMB HEADING 080.92 TO 2400 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS JAKE ARNER MEMORIAL AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

RWY 26 – CLIMB HEADING 260.93 TO 1900 BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS CROSS JAKE ARNER MEMORIAL AIRPORT AT OR ABOVE 2500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TREES BEGINNING 1961 FEET FROM DER, 42 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/426 FEET MSL. TREES BEGINNING 5388 FEET FROM DER, 1817 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/359 FEET MSL. BUILDING 1.5 NM FROM DER, 1826 FEET RIGHT OF CENTERLINE, 31 FEET AGL/876 FEET MSL. TOWER 2.9 NM FROM DER, 4326 FEET RIGHT OF CENTERLINE, 207 FEET AGL/967 FEET MSL.

NOTE: RWY 26, TREES BEGINNING 3282 FEET FROM DER, 10 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/659 FEET MSL. TREES BEGINNING 4511 FEET FROM DER, 879 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/699 MSL.

CONTROLLING OBSTACLES:

RWY 8: 1079 MSL TREE 404900.78N/0754305.05W. 967 MSL TOWER 404902.00N/0754130.00W.

RWY 26: 1319 MSL AAO 404758.05N/0754943.23W.

VCOA: 1659 MSL AAO 405036.62N/0754636.74W. 1958 TOWER 405224.00N/0754202.00W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 8 – 1958 FT MSL TOWER 405224.00N/0754202.00W
RWY 26 – 1773 FT MSL TOWER 404946.41N/0754202.00W

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
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.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NESTO	GRUNZ (TF) (FB) (RNP 2.00)	301.92 / 11.84	4000
GRUNZ (IAF)	COPKU (TF) (FB) (RNP 1.00)	324.56 / 5.00	4000
COPKU (IF)	TRINY (TF) (FB) (RNP 1.00)	324.52 / 7.87	2500
TRINY (FAF)	RW32 (TF) (FO)	324.44 / 4.19	
RW32 (MAP)	JAVET (TF) (FB) (RNP 1.00)	324.40 / 7.59	
JAVET	ASIWU (TF) (FB) (RNP 1.00)	353.63 / 3.45	
ASIWU	EWC VORTAC (TF) (FO) (RNP 1.00)	034.15 / 13.16	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 ON TRACK 324.40 TO JAVET AND TRACK 353.63 TO ASIWU AND TRACK 034.15 TO EWC VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COPKU
3. FAC: 324.44 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: COPKU 4000
5. DIST TO THLD FROM OM: 4.19 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: TRINY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 37.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW32 3100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.00 INBOUND
DISTANCE TO THLD FROM 261 HAT: 0.73 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH: 1151.6 MSL (DO NOT CHART)

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	1384	5000	261	1384	5000	261	1384	5000	261	1384	5000	261			
RNP 0.30 DA	1504	1 1/2	381	1504	1 1/2	381	1504	1 1/2	381	1504	1 1/2	381			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (115F). GPS REQUIRED. INOPERATIVE TABLE DOES NOT APPLY.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1203 TDZE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTL	RNAV	05 MAY 2011 RNAV (RNP) Z RWY 32, AMDT 1A	AMDT: 1
				DATE 02/10/2011

ARINC PACKET - 424-18 - RNAV (RNP)

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NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EWC    K6011580VTH  N40492976W080124156    N40492976W080124156W0080012272     NARELLWOOD CITY

WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASIWU K60    W     N40374065W080202006                    W0090     NAR          ASIWU
        SUSAEAENRT   COPKU K60    W     N40200541W080012793                    W0091     NAR          COPKU
        SUSAEAENRT   GRUNZ K60    C     N40162750W079565820                    W0092     NAR          GRUNZ
        SUSAEAENRT   JAVET K60    W     N40342010W080191260                    W0090     NAR          JAVET
        SUSAEAENRT   NESTO K60    C   L N40114005W079424949                    W0093     NAR          NESTO
        SUSAEAENRT   TRINY K60    C     N40254804W080083342                    W0091     NAR          TRINY

AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203         18000018000C    MNAR    PITTSBURGH INTL

SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6FR32-Z ANESTO 010NESTOK6EA0E       IF                                          18000                A PS
        SUSAP KPITK6FR32-Z ANESTO 020GRUNZK6EA0E  A 020TF                    30190118    + 04000                       A PS
        SUSAP KPITK6FR32-Z ANESTO 030COPKUK6EA0EE B 010TF                    32460050    + 04000                       A PS
        SUSAP KPITK6FR32-Z R      010COPKUK6EA0E  I    IF                              + 04000     18000             A PS
        SUSAP KPITK6FR32-Z R      020TRINYK6EA1E  F 010TF                    32450079    + 02500                RW32  K6PGA PS
        SUSAP KPITK6FR32-Z R      020TRINYK6EA2W                                            A031A112                   PS
        SUSAP KPITK6FR32-Z R      030RW32 K6PG0GY M 031TF                    32440042      01152          -300        A PS
        SUSAP KPITK6FR32-Z R      040JAVETK6EA0E M  010TF                    32440076                                 A PS
        SUSAP KPITK6FR32-Z R      050ASIWUK6EA0E    010TF                    35360035                                 A PS
        SUSAP KPITK6FR32-Z R      060EWC  K6D 0VY   010TF                    03420132    + 04000                      A PS
        SUSAP KPITK6FR32-Z R      070EWC  K6D 0VE  R   HM                    18200040    + 04000                      A PS

RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6GRW32    0081013244 N40285009W080122021+0400    +030570111503353715OIITQW1

MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6SRW32 K6PG             0   18018003125                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1203 TDZE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTL	RNAV	RNAV (RNP) Z RWY 32, AMDT 1A 05 MAY 2011	AMDT: 1 DATED: 02/10/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) 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 (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NESTO	NESTO	010		IF		FB					
	NESTO	GRUNZ	020	IAF	TF		FB	2.0	301.9(293.9T)	011.8	AA 04000	
	NESTO	COPKU	030		TF		FB	1.0	324.6(316.6T)	005.0	AA 04000	
		COPKU	010	FACF	IF		FB				AA 04000	
		TRINY	020	FAF	TF		FB	1.0	324.5(316.5T)	007.9	AA 02500	
		RW32	030	MAP	TF		FO	0.3	324.4(316.4T)	004.2	AT 01152	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JAVET	040		TF		FB	1.0	324.4(316.4T)	007.6		
	ASIWU	050		TF		FB	1.0	353.6(345.6T)	003.5		
	EWC	060		TF		FO	1.0	034.2(026.2T)	013.2	AA 04000	
	EWC	070		HM	R	FO		182.0(174.0T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWC	N404929.76	W0801241.56	N4049.496	W08012.693
	ASIWU	N403740.65	W0802020.06	N4037.678	W08020.334
	COPKU	N402005.41	W0800127.93	N4020.090	W08001.466
	GRUNZ	N401627.50	W0795658.20	N4016.458	W07956.970
	JAVET	N403420.10	W0801912.60	N4034.335	W08019.210
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	TRINY	N402548.04	W0800833.42	N4025.801	W08008.557
	RW32	N402850.09	W0801220.21	N4028.835	W08012.337

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01115	37

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 1203 TDZE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTL	RNAV	RNAV (RNP) Z RWY 32, AMDT 1A 05 MAY 2011	AMDT: 1 DATED: 02/10/2011

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
TRUSS	INIVE (FB)	073.43 / 31.18	3600
MQP VORTAC	WULED (FB)	250.71 / 33.57	3600
INIVE (IAF)	JIXIM (NOPT) (FB)	084.77 / 6.01	3600
WULED (IAF)	JIXIM (NOPT) (FB)	264.92 / 8.00	3600
JIXIM (IF/IAF)	OZXUD (FB)	174.83 / 7.14	3100
OZXUD (FAF)	CUMDA/2.70 NM TO RW17 (FB)	174.83 / 1.57	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW17

CLIMB TO 3600 DIRECT BEFKO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.82 INBOUND.
CHART FAS OBST: 1709 TREE 322657N/0984812W
OZXUD TO RW17: 3.50/48

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JIXIM, RT, 174.83 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 174.83 FAF: OZXUD DIST FAF TO MAP: 4.27 THLD: 4.27
4. MIN. ALT: JIXIM 3600, OZXUD 3100, CUMDA/2.70 NM TO RW17 2500
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: RW17 3500

MAG VAR: 7E EPOCH YEAR: 1995

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	2040	1	576	2040	1	576	2040	1 5/8	576		NA				
CIRCLING	2120	1	652	2120	1	652	2300	2 1/2	832		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MQP VORTAC AIRWAY RADIALS 161 CW 330.
CHART NOTE: USE BRECKENRIDGE ALTIMETER SETTING, WHEN NOT RECEIVED, USE STEPHENVILLE ALTIMETER (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1468 THRE: 1464	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 5 MAY 2011	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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CUMDA/2.70 NM TO RW17	RW17 (MAP) (FO)	174.83 / 2.70	
RW17 (MAP)	1868 MSL	174.83	
1868 MSL	BEFKO (FO)		3600

NOTES, (CONT.):
SETTING; INCREASE ALL MDA 40 FT. INCREASE LNAV CAT C VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1468 THRE: 1464	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 5 MAY 2011	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)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        MQP   K4011770VTHW N32433425W097595079    N32433425W097595079E0090009002     NARMILLSAP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEFKO K40    W     N32123190W098490264                    E0053    NAR          BEFKO
        SUSAEAENRT   CUMDA K40    W     N32275088W098482824                    E0053    NAR          CUMDA
        SUSAEAENRT   INIVE K40    W     N32364568W098551483                    E0054    NAR          INIVE
        SUSAEAENRT   JIXIM K40    W     N32363435W098480847                    E0053    NAR          JIXIM
        SUSAEAENRT   OZXUD K40    W     N32292537W098482467                    E0053    NAR          OZXUD
        SUSAEAENRT   TRUSS K40    R   L N32313918W099313877                    E0057    NAR          TRUSS
        SUSAEAENRT   WULED K40    W     N32361863W098384054                    E0052    NAR          WULED

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4AETN     0     050YHN32245360W098483492E007001468         1800018000C    MNAR    EASTLAND MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4FR17   AJIXIM 010JIXIMK4EA0EE AR   HF                    17480040    + 03600     18000                B JS
        SUSAP KETNK4FR17   AMQP   010MQP  K4D 0V       IF                                          18000                B JS
        SUSAP KETNK4FR17   AMQP   020WULEDK4EA0E  A 020TF                    25070336    + 03600                          B JS
        SUSAP KETNK4FR17   AMQP   030JIXIMK4EA0EE B 010TF                    26490080    + 03600                          B JS
        SUSAP KETNK4FR17   ATRUSS 010TRUSSK4EA0E     IF                                          18000                B JS
        SUSAP KETNK4FR17   ATRUSS 020INIVEK4EA0E  A 020TF                    07340312    + 03600                          B JS
        SUSAP KETNK4FR17   ATRUSS 030JIXIMK4EA0EE B 010TF                    08480060    + 03600                          B JS
        SUSAP KETNK4FR17   R      010JIXIMK4EA0E  I    IF                                + 03600     18000                B JS
        SUSAP KETNK4FR17   R      020OZXUDK4EA1E  F 051TF                    17480071    + 03100                RW17  K4PGB JS
        SUSAP KETNK4FR17   R      020OZXUDK4EA2WN          N          ALNAV                                                JS
        SUSAP KETNK4FR17   R      021CUMDAK4EA0E S  031TF                    17480016    V 0250002516        -350             B JS
        SUSAP KETNK4FR17   R      030RW17 K4PG0GY M 031TF                    17480027      01512             -350             B JS
        SUSAP KETNK4FR17   R      040         0  M     CA                    1748        + 01868                          B JS
        SUSAP KETNK4FR17   R      050BEFKOK4EA0EY      DF                                + 03600                          B JS
        SUSAP KETNK4FR17   R      060BEFKOK4EA0EE  R   HM                    35480040    + 03600                          B JS
```

QUALITY b CHECKED

CITY AND STATE	ELEVATION: 1468 THRE: 1464	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 5 MAY 2011	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4GRW17     0050011748 N32250863W098483435-0500     +041780146409804806OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4SRW17 K4PG                0   18018003525                                                                   M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1468 THRE: 1464	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 5 MAY 2011	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
FLECK	GEENI (FB)	102.58 / 31.14	3600
SICUM	CADES (FB)	266.03 / 28.00	3600
GEENI (IAF)	BEFKO (NOPT) (FB)	081.28 / 6.91	3600
CADES (IAF)	BEFKO (NOPT) (FB)	269.47 / 7.96	3600
BEFKO (IF/IAF)	BAWTO (FB)	354.82 / 6.71	3200
BAWTO (FAF)	RW35 (MAP) (FO)	354.82 / 5.29	
RW35 (MAP)	1765 MSL		
1765 MSL	JIXIM (FO)		3600

MISSED APPROACH

LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 3600 DIRECT JIXIM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.83 INBOUND.
CHART FAS OBST: 1659 TREE 322118N/0984823W
DISTANCE TO THLD FROM 319 HATH: 0.86 NM.
1789 AAO 321916N/0984950W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S BEFKO, RT, 354.82 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 354.82 FAF: BAWTO DIST FAF TO MAP: 5.29 THLD: 5.29
4. MIN. ALT: BEFKO 3600, BAWTO 3200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3200 GS ALT AT: BAWTO 3200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 3500

MAG VAR: 7E EPOCH YEAR: 1995

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/VNAV DA	1765	1	319	1765	1	319	1765	1	319		NA				
LNAV MDA	1980	1	534	1980	1	534	1980	1 1/2	534		NA				
CIRCLING	2120	1	652	2120	1	652	2300	2 1/2	832		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

CHECKED

CITY AND STATE	ELEVATION: 1468 THRE: 1446	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 35, AMDT 2	AMDT: 1
			5 MAY 2011	DATED 09/30/2004

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: USE BRECKENRIDGE ALTIMETER SETTING, WHEN NOT RECEIVED, USE STEPHENVILLE ALTIMETER SETTING; INCREASE DA 31 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV VISIBILITY 1/8 MILE ALL CATS, AND LNAV CAT C 1/8 MILE.



CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	**ELEVATION: 1468 THRE: 1446** AIRPORT NAME: **EASTLAND MUNI**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 2** 5 MAY 2011	AMDT: **1** DATED: **09/30/2004**

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.

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   BAWTO K40    W      N32191513W098484759                    E0053     NAR           BAWTO
        SUSAEAENRT   BEFKO K40    W      N32123190W098490264                    E0053     NAR           BEFKO
        SUSAEAENRT   CADES K40    C    B N32113834W098394365                    E0052     NAR           CADES
        SUSAEAENRT   FLECK K40    R    L N32225174W099314551                    E0057     NAR           FLECK
        SUSAEAENRT   GEENI K40    C    B N32121972W098571105                    E0054     NAR           GEENI
        SUSAEAENRT   JIXIM K40    W      N32363435W098480847                    E0053     NAR           JIXIM
        SUSAEAENRT   SICUM K40    R    L N32101351W098064662                    E0049     NAR           SICUM

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4AETN     0     050YHN32245360W098483492E007001468          1800018000C    MNAR    EASTLAND MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4FR35   ABEFKO 010BEFKOK4EA0EE AR   HF                    35480040    + 03600     18000                A JS
        SUSAP KETNK4FR35   AFLECK 010FLECKK4EA0E       IF                                          18000                A JS
        SUSAP KETNK4FR35   AFLECK 020GEENIK4EA0E  A 020TF                     10260311    + 03600                          A JS
        SUSAP KETNK4FR35   AFLECK 030BEFKOK4EA0EE B 010TF                     08130069    + 03600                          A JS
        SUSAP KETNK4FR35   ASICUM 010SICUMK4EA0E       IF                                          18000                A JS
        SUSAP KETNK4FR35   ASICUM 020CADESK4EA0E  A 020TF                     26600280    + 03600                          A JS
        SUSAP KETNK4FR35   ASICUM 030BEFKOK4EA0EE B 010TF                     26950080    + 03600                          A JS
        SUSAP KETNK4FR35   R       010BEFKOK4EA0E  I    IF                                  + 03600     18000                A JS
        SUSAP KETNK4FR35   R       020BAWTOK4EA1E  F 051TF                     35480067    + 03200                RW35  K4PGA JS
        SUSAP KETNK4FR35   R       020BAWTOK4EA2WN          ALNAV/VNAV ALNAV                                                JS
        SUSAP KETNK4FR35   R       030RW35 K4PGOGY M 031TF                     35480053      01491           -300           A JS
        SUSAP KETNK4FR35   R       040          0  M     CA                    3548        + 01765                          A JS
        SUSAP KETNK4FR35   R       050JIXIMK4EA0EY       DF                                  + 03600                          A JS
        SUSAP KETNK4FR35   R       060JIXIMK4EA0EE  R   HM                    17480040    + 03600                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4GRW35    0050013548 N32243302W098483569+0500     +04122014460420450 60R
```

CITY AND STATE	ELEVATION: 1468 THRE: 1446	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 35, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 09/30/2004

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETNK4SRW35 K4PG               0    18018003525                                                          M
```

CITY AND STATE	ELEVATION: 1468 THRE: 1446	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTLAND, TX	AIRPORT NAME: EASTLAND MUNI	RNAV	RNAV (GPS) RWY 35, AMDT 2 5 MAY 2011	AMDT: 1
				DATED: 09/30/2004

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 statuta miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
ENNIS, TX	ENNIS MUNI	5 MAY 2011	ORIG

TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, VEHICLE ON ROAD 362 FT FROM DER, 561 FT RIGHT OF CENTERLINE, 15 FT AGL/ 494 FT MSL. TREES BEGINNING 870 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/ 579 FT MSL.

NOTE: RWY 33, VEHICLES ON ROAD BEGINNING 423 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/534 FT MSL. TREES BEGINNING 40 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/609 FT MSL.

CONTROLLING OBSTACLES:

QUALITY
CKED

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
CQY VORTAC (IAF)	YATYU/13.00 DME (NOPT)	284.92 / 13.00	2400
YATYU/13.00 DME (IF)	WODIE/19.00 DME	284.92 / 6.00 (CQY R-285)	2100

MISSED APPROACH

MAP: WIVDU/CQY 24.06 DME FIX

CLIMBING RIGHT TURN TO 2400 ON CQY VORTAC R-285 TO WODIE/19.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 704 TANK
322020N/0963817W
CHART: 900 TOWER 321843N/0963708W
CHART: LANCASTER AWOS-3

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E WODIE, RT, 284.92 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC 284.92 FAF WODIE/19.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT WODIE 2100, ZOVUG/22.00 DME 1420
8. MSA FROM: CQY VORTAC 2400

MAG VAR: 6E EPOCH YEAR:1995

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	1020	1	520	1040	1 1/4	540	1040	1 1/2	540		NA				

NOTES:

CHART NOTE: USE LANCASTER ALTIMETER SETTING; WHEN NOT RECEIVED, USE MID-WAY RGNL AND INCREASE ALL MDA 40 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CQY VORTAC AIRWAY RADIALS 234 CW 263.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 500 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ENNIS, TX	ENNIS MUNI	CQY	5 MAY 2011 VOR/DME-A, AMDT 1	AMDT ORIG-A
				DATE 02/16/2006

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
LASSA	MAMRE (FB)	259.77 / 25.90	2500
OTTIF	AUNTY (FB)	353.15 / 16.43	2500
MAMRE (IAF)	GAVVN (NOPT) (FB)	229.67 / 7.00	2500
AUNTY (IAF)	GAVVN (NOPT) (FB)	049.55 / 7.50	2500
GAVVN (IF/IAF)	ATWAT (FB)	139.61 / 5.00	2200
ATWAT	ZENOD (FB)	139.65 / 2.00	2000
ZENOD (FAF)	WIPAN/2.00 NM TO RW14 (FB)	139.65 / 3.26	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW14

CLIMBING RIGHT TURN TO 2500 DIRECT GAVVN AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 509 TREE 323352N/0945925W
CHART: 539 TREE 323411N/0945937W.
669 AAO 323603N/0950116W.
ZENOD TO RW14: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW GAVVN, RT, 139.61 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 139.66 FAF: ZENOD DIST FAF TO MAP: 5.26 THLD: 5.26
4. MIN. ALT: GAVVN 2500, ATWAT 2200, ZENOD 2000, WIPAN/2.00 NM TO RW14 960
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: RW14 2800

MAG VAR: 3E 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
LNAV MDA	800	1	515	800	1	515	800	1 3/8	515		NA				
CIRCLING	880	1	584	880	1	584	880	1 1/2	584		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: USE GILMER ALTIMETER SETTING, WHEN NOT RECEIVED USE LONGVIEW ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 296 THRE: 285	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 5 MAY 2011	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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIPAN/2.00 NM TO RW14	RW14 (MAP) (FO)	139.68 / 2.00	
RW14 (MAP)	696 MSL	139.68	
696 MSL	GAVVN (FO)		2500

NOTES, (CONT.):
INCREASE ALL MDA 20 FEET AND INCREASE LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT OTTIF ON V94 WEST BOUND AND FOR ARRIVAL AT LASSA ON V18 EAST BOUND AND V289 NORTH BOUND.

CITY AND STATE	ELEVATION: 296 THRE: 285	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 5 MAY 2011	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.

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   ATWAT K40    W     N32374659W095034379                    E0031    NAR          ATWAT
          SUSAEAENRT   AUNTY K40    W     N32371149W095142280                    E0032    NAR          AUNTY
          SUSAEAENRT   GAVVN K40    W     N32414549W095071948                    E0031    NAR          GAVVN
          SUSAEAENRT   LASSA K40    R   L N32492061W094301567                    E0027    NAR          LASSA
          SUSAEAENRT   MAMRE K40    W     N32460086W095004373                    E0030    NAR          MAMRE
          SUSAEAENRT   OTTIF K40    C   L N32204593W095130439                    E0032    NAR          OTTIF
          SUSAEAENRT   WIPAN K40    W     N32333519W094595723                    E0030    NAR          WIPAN
          SUSAEAENRT   ZENOD K40    W     N32361100W095021760                    E0031    NAR          ZENOD

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 07F K4A07F     0      033YHN32314383W094581829E003000296          1800018000C    MNAR    GLADEWATER MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 07F K4FR14   AGAVVN 010GAVVNK4EA0EE AR   HF                    13960040    + 02500     18000                B JS
          SUSAP 07F K4FR14   ALASSA 010LASSAK4EA0E       IF                                        18000                B JS
          SUSAP 07F K4FR14   ALASSA 020MAMREK4EA0E  A 020TF                    25980259    + 02500                          B JS
          SUSAP 07F K4FR14   ALASSA 030GAVVNK4EA0EE B 010TF                    22970070    + 02500                          B JS
          SUSAP 07F K4FR14   AOTTIF 010OTTIFK4EA0E       IF                                        18000                B JS
          SUSAP 07F K4FR14   AOTTIF 020AUNTYK4EA0E  A 020TF                    35320164    + 02500                          B JS
          SUSAP 07F K4FR14   AOTTIF 030GAVVNK4EA0EE B 010TF                    04960075    + 02500                          B JS
          SUSAP 07F K4FR14   R      010GAVVNK4EA0E  I    IF                                 + 02500     18000                B JS
          SUSAP 07F K4FR14   R      011ATWATK4EA0E S  051TF                    13960050    + 02200                          B JS
          SUSAP 07F K4FR14   R      020ZENODK4EA1E  F 051TF                    13970020    + 02000                RW14  K4PGB JS
          SUSAP 07F K4FR14   R      020ZENODK4EA2WN          N          ALNAV                                                JS
          SUSAP 07F K4FR14   R      021WIPANK4EA0E S  031TF                    13970033    V 0096000962        -300             B JS
          SUSAP 07F K4FR14   R      030RW14 K4PG0GY M 031TF                    13970020      00325             -300             B JS
          SUSAP 07F K4FR14   R      040         0  M     CA                    1397        + 00696                          B JS
          SUSAP 07F K4FR14   R      050GAVVNK4EA0EY  R   DF                              + 02500                          B JS
          SUSAP 07F K4FR14   R      060GAVVNK4EA0EE  R   HM                    13960040    + 02500                          B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 296 THRE: 285	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: **GLADEWATER MUNI**	**RNAV**	**RNAV (GPS) RWY 14, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 07F K4GRW14     0033011397 N32315956W094583117+0300     +0060500285000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 07F K4SRW14 K4PG               0    18018002825                                                                    M
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CITY AND STATE	ELEVATION: 296 THRE: 285	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 5 MAY 2011	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
NEVER	DANAY (FB)	198.53 / 12.96	2500
OTTIF	BOCAR (FB)	099.94 / 14.73	2800
BOCAR (IAF)	JOVOG (FB)	049.70 / 7.20	2500
DANAY (IAF)	JOVOG (FB)	229.82 / 7.00	2500
JOVOG (IF)	ZOBKO (FB)	319.76 / 7.00	2000
ZOBKO (FAF)	HANOF/1.90 NM TO RW32 (FB)	319.72 / 3.33	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW32

CLIMB TO 2500 DIRECT GAVVN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 139.61 INBOUND.
CHART FAS OBST: 429 TREE 323056N/0945824W
CHART: 690 TOWER 322636N/0945508W
CHART: 539 TREE 322930N/0945702W.
ZOBKO TO RW32: 3.00/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JOVOG
3. FAC: 319.72 FAF: ZOBKO DIST FAF TO MAP: 5.23 THLD: 5.23
4. MIN. ALT: JOVOG 2500, ZOBKO 2000, HANOF/1.90 NM TO RW32 940
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: RW32 2800

MAG VAR: 3E 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
LNAV MDA	720	1	424	720	1	424	720	1 1/4	424		NA				
CIRCLING	880	1	584	880	1	584	880	1 1/2	584		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 GILMER ALTIMETER SETTING, WHEN NOT RECEIVED USE LONGVIEW ALTIMETER SETTING AND (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 296 THRE: 296 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 5 MAY 2011	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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HANOF/1.90 NM TO RW32	RW32 (MAP) (FO)	319.70 / 1.90	
RW32 (MAP)	696 MSL	319.70	
696 MSL	GAVVN (FO)		2500

NOTES, (CONT.):

INCREASE ALL MDA 20 FEET AND INCREASE LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT OTTIF ON V94 WEST BOUND AND FOR ARRIVAL AT NEVER ON V289 NORTH BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 296 THRE: 296	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 5 MAY 20115	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)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOCAR K40    W     N32172649W094560853                    E0029     NAR          BOCAR
        SUSAEAENRT   DANAY K40    W     N32260314W094424774                    E0027     NAR          DANAY
        SUSAEAENRT   GAVVN K40    W     N32414549W095071948                    E0030     NAR          GAVVN
        SUSAEAENRT   HANOF K40    W     N32300272W094564610                    E0029     NAR          HANOF
        SUSAEAENRT   JOVOG K40    W     N32214863W094492281                    E0028     NAR          JOVOG
        SUSAEAENRT   NEVER K40    C   L N32380810W094371054                    E0027     NAR          NEVER
        SUSAEAENRT   OTTIF K40    C   L N32204593W095130439                    E0031     NAR          OTTIF
        SUSAEAENRT   ZOBKO K40    W     N32272360W094542316                    E0029     NAR          ZOBKO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 07F K4A07F     0      033YHN32314383W094581829E003000296         1800018000C    MNAR    GLADEWATER MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 07F K4FR32   ANEVER 010NEVERK4EA0E       IF                                                18000                B JS
        SUSAP 07F K4FR32   ANEVER 020DANAYK4EA0E  A 020TF                    19850130    + 02500                                B JS
        SUSAP 07F K4FR32   ANEVER 030JOVOGK4EA0EE B 010TF                    22980070    + 02500                                B JS
        SUSAP 07F K4FR32   AOTTIF 010OTTIFK4EA0E       IF                                                18000                B JS
        SUSAP 07F K4FR32   AOTTIF 020BOCARK4EA0E  A 020TF                    09990147    + 02800                                B JS
        SUSAP 07F K4FR32   AOTTIF 030JOVOGK4EA0EE B 010TF                    04970072    + 02500                                B JS
        SUSAP 07F K4FR32   R      010JOVOGK4EA0E  I    IF                                + 02500     18000                      B JS
        SUSAP 07F K4FR32   R      020ZOBKOK4EA1E  F 051TF                    31980070    + 02000                 RW32  K4PGB JS
        SUSAP 07F K4FR32   R      020ZOBKOK4EA2WN          N          ALNAV                                                     JS
        SUSAP 07F K4FR32   R      021HANOFK4EA0E S  031TF                    31970033    V 0094000941        -300               B JS
        SUSAP 07F K4FR32   R      030RW32 K4PGOGY M 031TF                    31970019      00336             -300               B JS
        SUSAP 07F K4FR32   R      040         0  M     CA                    3197        + 00696                              B JS
        SUSAP 07F K4FR32   R      050GAVVNK4EA0EY       DF                                + 02500                              B JS
        SUSAP 07F K4FR32   R      060GAVVNK4EA0EE  R    HM                    13960040    + 02500                              B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 07F K4GRW32    0033013197 N32313358W094580780-0300    +0063700296000040075R
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 296 THRE: 296	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 5 MAY 2011	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 07F K4SRW32 K4PG              0   18018002825                                                          M
```

SCANNED & CHECKED

CITY AND STATE	ELEVATION: 296 THRE: 296	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

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
OTTIF/GGG 24.00 DME CW (IAF)	WENIK/GGG 24.00 DME	24.00 DME ARC	2500
OTTUV/GGG 24.00 DME CCW (IAF)	WENIK/GGG 24.00 DME	24.00 DME ARC	2500
WENIK/GGG 24.00 DME (IF)	GOKEC/GGG 18.00 DME	114.58 / 6.00 (GGG R-295)	2000

MISSED APPROACH

MAP: 4.77 MILES AFTER GOKEC/GGG 18.00 DME OR AT GGG 13.23 DME FIX

CLIMB TO 4000 DIRECT GGG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 264.32 INBOUND.
FAS OBST: 669 AAO 323559N/0950306W
CHART GGG R-305 AT OTTUV.
CHART GGG R-253 AT OTTIF.
GOKEC TO RW14: 3.31/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WENIK/GGG 24.00 DME
3. FAC 114.58 FAF GOKEC/GGG 18.00 DME DIST FAF TO MAP 4.77 THLD 4.77
4. MIN. ALT WENIK 2500, GOKEC 2000
8. MSA FROM: GGG VORTAC 2800

MAG VAR: 7E 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-14	960	1	675	960	1	675	960	1 7/8	675		NA				
CIRCLING	960	1	664	960	1	664	960	1 7/8	664		NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE GILMER ALTIMETER SETTING, WHEN NOT RECEIVED USE LONGVIEW ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND INCREASE S-14 CAT C AND CIRCLING CAT C VISIBILITY 1/8 MILE.
CHART NOTE: PROCEDURE NA AT NIGHT.

QUALITY 5 RECORD

CITY AND STATE	ELEVATION: 296 THRE: 285	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS RWY 14
GLADEWATER, TX	AIRPORT NAME: GLADEWATER MUNI	GGG	VOR/DME RWY 14, AMDT 3 5 MAY 2011	AMDT 2B
				DATE 02/19/2004

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.
GRANBURY, TX	GRANBURY RGNL	5 MAY 2011	2

TAKEOFF MINIMUMS:

RWY 14 300-1.

RWY 32 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 14 – CLIMB HEADING 143.66 TO 1700 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, VEHICLES ON ROAD BEGINNING 1020 FT FROM DER, ON CENTERLINE, 15 FT AGL/814 FT MSL. TREES AND POWER POLES BEGINNING AT DER, 75 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/ 879 FT MSL. TREES, POWER POLES, LIGHT POLES AND VEHICLES ON ROAD BEGINNING AT DER, 251 FT LEFT ON CENTERLINE, UP TO 100 FT AGL/899 FT MSL.

NOTE: RWY 32, TRAIN ON RAILROAD TRACKS, TRMSN POLES AND TREE BEGINNING 339 FT FROM DER, 107 FT RIGHT ON CENTERLINE, 76 FT AGL/845 FT MSL. TREES, VEHICLES ON ROAD AND BUSH BEGINNING 14 FT FROM DER, 198 FT LEFT ON CENTERLINE, UP TO 46 FT AGL/815 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14 - 1430 FT MSL AAO 322305.60N/0974803.80W.

QUALITY CHECKED

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
TEYOC (IAF)	IDYAK (FB)	048.68 / 6.00	2400
HETUG (IAF)	IDYAK (FB)	228.78 / 6.00	2400
IDYAK (IF)	FAFOD (FB)	318.78 / 6.00	1700
FAFOD *(FAF)*	RW32 (MAP) (FO)	318.70 / 5.09	
RW32 (MAP)	289 MSL	318.70	
289 MSL	RAYOB (FB)		
RAYOB	ACOLA (FO)	234.36 / 13.42	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 3000 DIRECT RAYOB AND ON TRACK 234.36 TO ACOLA AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT IDYAK
3. FAC: 318.70 FAF: FAFOD DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: IDYAK 2400, FAFOD 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: FAFOD 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 3100

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 041.00 INBOUND.
CHART FAS OBST: 239 TOWER 292745N/0951201W
CHART FAS OBST: 69 TOWER 293119N/0951400W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.32 MILES TO RW32*
*LNAV ONLY.
WAAS CHANNEL # 93621
REFERENCE PATH ID: W32A
LTP HAE: -15.1 M

MAG VAR: 6E EPOCH YEAR: 1980

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	289	7/8	250	289	7/8	250		NA			NA				
LNAV/VNAV DA	289	7/8	250	289	7/8	250		NA			NA				
LNAV MDA	500	1	461	500	1	461		NA			NA				
CIRCLING	500	1	456	500	1	456		NA			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 HOUSTON/WILLIAM P. HOBBY ALTIMETER SETTING AND INCREASE ALL DA 18 FEET AND ALL MDA 20 FEET.
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: 44 THRE: 39 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	PEARLAND RGNL	RNAV	RNAV (GPS) RWY 32, AMDT 3 5 MAY 2011	AMDT: 2 DATED 10/25/2007

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.

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING HOUSTON/WILLIAM P. HOBBY ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 14 NA AT NIGHT.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 44 THRE: 39	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	AIRPORT NAME: **PEARLAND RGNL**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 3** 5 MAY 2011	AMDT: **2**
				DATED: **10/25/2007**

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	KLVJ
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	293059.2210N
LTP/FTP LONGITUDE	0951417.6290W
LTP/FTP ELLIPSOIDAL HEIGHT	-00151
FPAP LATITUDE	293212.0900N
FPAP LONGITUDE	0951516.7000W
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	1432
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F7E68914

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00119
FPAP ORTHOMETRIC HEIGHT	+00119

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 44 THRE: 39	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	AIRPORT NAME: PEARLAND RGNL	RNAV	RNAV (GPS) RWY 32, AMDT 3 5 MAY 2011	AMDT: 2 DATED: 10/25/2007

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   ACOLA K40    C   L N29273558W095301842                    E0035     NAR          ACOLA
        SUSAEAENRT   FAFOD K40    W     N29264942W095105536                    E0033     NAR          FAFOD
        SUSAEAENRT   HETUG K40    W     N29252308W095012069                    E0032     NAR          HETUG
        SUSAEAENRT   IDYAK K40    W     N29215480W095065726                    E0032     NAR          IDYAK
        SUSAEAENRT   RAYOB K40    W     N29341548W095165679                    E0033     NAR          RAYOB
        SUSAEAENRT   TEYOC K40    W     N29182628W095123345                    E0033     NAR          TEYOC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLVJK4ALVJ     0     043YHN29311660W095143170E006000044          1800018000C    MNAR    PEARLAND RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLVJK4FR32   AHETUG 010HETUGK4EA0E  A    IF                                                 18000                A JS
        SUSAP KLVJK4FR32   AHETUG 020IDYAKK4EA0EE B 010TF                      22880060     + 02400                              A JS
        SUSAP KLVJK4FR32   ATEYOC 010TEYOCK4EA0E  A    IF                                                 18000                A JS
        SUSAP KLVJK4FR32   ATEYOC 020IDYAKK4EA0EE B 010TF                      04870060     + 02400                              A JS
        SUSAP KLVJK4FR32   R      010IDYAKK4EA0E  I    IF                                 + 02400     18000                A JS
        SUSAP KLVJK4FR32   R      020FAFODK4EA1E  F 051TF                    31880060     + 01700                RW32  K4PGA JS
        SUSAP KLVJK4FR32   R      020FAFODK4EA2WALPV       ALNAV/VNAV ALNAV                                                   JS
        SUSAP KLVJK4FR32   R      030RW32 K4PG0GY M 031TF                    31870051       00079          -300          A JS
        SUSAP KLVJK4FR32   R      040         0  M     CA                    3187         + 00289                              A JS
        SUSAP KLVJK4FR32   R      050RAYOBK4EA0E       DF                                                                     A JS
        SUSAP KLVJK4FR32   R      060ACOLAK4EA0EY   010TF                    2344         + 03000                              A JS
        SUSAP KLVJK4FR32   R      070ACOLAK4EA0EE  L   HM                    04100040     + 03000                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLVJK4GRW32    0043133187 N29305922W095141763+0100    -0015100039000040075R
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 44 THRE: 39	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	AIRPORT NAME: PEARLAND RGNL	RNAV	RNAV (GPS) RWY 32, AMDT 3 5 MAY 2011	AMDT: 2
				DATED: 10/25/2007

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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KLVJK4PR32    RW32 001 0000W32A0N2930592210W09514176290-001510300N2932120900W095151670001067514320004O0F400500F7E68914
        SUSAP KLVJK4PR32    RW32 002E       +00119+00119LPV        93621

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KLVJK4SRW32 K4PG                0    18018003125                                                              M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 44 THRE: 39	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	AIRPORT NAME: PEARLAND RGNL	RNAV	RNAV (GPS) RWY 32, AMDT 3 5 MAY 2011	AMDT: 2 DATED: 10/25/2007

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.
JUNCTION, TX	JUNCTION/KIMBLE COUNTY	5 MAY 2011	2

TAKEOFF MINIMUMS:

RWY 8, 26: NA - ENVIRONMENTAL.
RWY 17: STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 2300, OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 35: STANDARD WITH MINIMUM CLIMB OF 565 FT PER NM TO 2200, OR 400-3 WITH MINIMUM CLIMB OF 230 FT PER NM TO 2500, OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: CLIMB HEADING 172.32 TO 2800 BEFORE PROCEEDING ON COURSE, FOR CLIMB IN VISUAL CONDITIONS CROSS KIMBLE COUNTY AIRPORT AT OR ABOVE 2900 BEFORE PROCEEDING ON COURSE.
RWY 35: FOR CLIMB IN VISUAL CONDITIONS CROSS KIMBLE COUNTY AIRPORT AT OR ABOVE 2900 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING ABEAM DER, 297 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1749 FT MSL. POWERLINES BEGINNING 229 FT FROM DER, 370 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1744 FT MSL. VEHICLES ON ROAD BEGINNING 390 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FT AGL/1716 FT MSL. TREES BEGINNING 1548 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50 FT AGL/2049 FT MSL. RADIO TOWERS BEGINNING 4568 FT FROM DER, 736 FT LEFT OF CENTERLINE, UP TO 169 FT AGL/1854 FT MSL.
NOTE: RWY 35, POWERLINES BEGINNING ABEAM DER, 545 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/1854 FT MSL. POWERLINES ABEAM DER, 561 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/1854 FT MSL. VEHICLES ON ROAD BEGINNING 1121 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/1794 FT MSL. TREES BEGINNING 1254 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50 FT AGL/2129 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 2378 FT MSL TOWER 302841.00N/0994510.00W, 2149 FT MSL TOWER 302826.00N/0994521.00W, 2029 FT MSL TREE 302857.31N/0994523.79W.
RWY 35: 2299 FT MSL AAO 303416.07N/0994637.14W, 2149 FT MSL TREE 303337.25N/0994613.78W, 2049 FT MSL TREE 303145.58N/0994610.64W, 1999 FT MSL TREE 303136.17N/0994540.09W.
RWY 17 (VCOA): 2465 FT MSL TOWER 302748.00N/0994404.00W.
RWY 35 (VCOA): 2465 FT MSL TOWER 302748.00N/0994404.00W.

OBSTACLES MANDATING ROUTE DEVELOPMENT: RWY 17 - 2378 FT MSL TOWER 302841.00N/0994510.00W.



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.
LIVINGSTON, TX	LIVINGSTON MUNI	5 MAY 2011	1

TAKEOFF MINIMUMS:

RWY 12, 30 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 12 - CLIMB HEADING 124.57 TO 1700 BEFORE PROCEEDING ON COURSE.
RWY 30 - CLIMB HEADING 304.57 TO 800 BEFORE TURNING SOUTH.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, TREES BEGINNING AT DER, RIGHT AND LEFT OF CENTERLINE, UP TO 100 FT AGL/249 FT MSL.

NOTE: RWY 30, VEHICLE ON ROAD 10 FT FROM DER, 492 FT RIGHT OF CENTERLINE, 10 FT AGL/159 FT MSL. TREES BEGINNING 260 FT FROM DER, 304 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/249 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 12 - 985 FT MSL TOWER 304142.00N/0945616.00W, 2049 FT MSL TOWER 303207.00N/0950105.00W, RWY 30 - 2049 FT MSL TOWER 303207.00N/0950105.00W.

REMARKS:

QUALITY CHECKED

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.
MEXIA, TX.	MEXIA-LIMESTONE CO	5 MAY 2011	ORIG

TAKEOFF MINIMUMS:

RWY 18, STANDARD.

RWY 36, 300 - 2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 212 FT PER NM TO 1000, 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:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, VEHICLES ON ROAD BEGINNING 202 FT FROM DER, 400 FT LEFT CENTERLINE, UP TO 15 FT AGL/554 FT MSL. TREE 419 FEET FROM DER, 292 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/619 FT MSL.

NOTE: RWY 36, TREES BEGINNING 179 FT FROM DER, 382 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/619 FT MSL. TREES BEGINNING 391 FT FROM DER, 315 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/629 FT MSL.

CONTROLLING OBSTACLES:

RWY 36: 835 FT MSL TOWER 314042.00N/0963053.00W

QUALITY CHECKED

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
SAT VORTAC (IAF)	COTVI (TF) (FB) (RNP 1.00)	214.93 / 4.36	6000
COTVI	YEVUP (TF) (FB) (RNP 1.00)	214.94 / 2.48	6000
YEVUP (IF)	CUGBO (TF) (FB) (RNP 1.00)	215.13 / 4.11	4000
CUGBO	ZISEN (RF) (FB) (RNP 1.00)	(2.40 NM RADIUS CCW UVWUQ)/2.71	4000
ZISEN	WUNER (RF) (FB) (RNP 0.90)	(2.40 NM RADIUS CCW UVWUQ)/1.81	3500
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3500 ON TRACK 032.77 TO BISGE THEN LEFT TURN ON TRACK 025.53 TO SHEPE AND HOLD.

1. PT ___ SIDE OF COURSE ___ OUTBOUND ___ FT WITHIN ___ MILES OF ___ (IAF)
2. PROFILE STARTS AT ZEPUT
3. FAC: 032.76 FAF: ___ DIST FAF TO MAP: ___ THLD: ___
4. MIN. ALT: ZEPUT 2000
5. DIST TO THLD FROM OM: 3.68 MM: ___ IM: ___ 150 HAT: ___ 100 HAT: ___ GS ANT: ___
6. MIN GS INCPT: 2000 GS ALT AT: ZEPUT 2000 OM: ___ MM: ___ IM: ___
7. GS ANGLE: 3.00 TCH: 43.2 # 34:1 IS NOT CLEAR
8. MSA FROM: RW03 4200

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 025.53 INBOUND.
CHART FAS OBST: 877 POLE 293110N/0982845W
CHART FAS OBST: 973 BLDG 293110N/0982923W
CHART 858 POLE 293105N/0982845W
CHART A-635.
DISTANCE TO THLD FROM 385 HATH: 1.07 NM.
CHART MANDATORY 6000 AT COTVI.
CHART MANDATORY 6000 AT JOKBA.
#TCH 829.2 MSL (DO NO CHART)
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART MAXIMUM 9000 AT KUBGE
CHART MAXIMUM 6500 AT NUPGY

MAG VAR: 8E EPOCH YEAR: 1980

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 0.15 DA	1171	5000	385	1171	5000	385	1171	5000	385	1171	5000	385			
RNP*0.30* DA	1284	1 1/2	498	1284	1 1/2	498	1284	1 1/2	498	1284	1 1/2	498			

NOTES:
CHART NOTE: WHEN VGSI IS INOPERATIVE, PROCEDURE NA AT NIGHT.
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT HARDD : MAX 210 KIAS.

(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 809 THRE: 786 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 3, ORIG 5 MAY 2011	AMDT: NONE DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WUNER	HULOK (RF) (FB) (RNP 0.90)	(2.42 NM RADIUS CCW IVIXE)/3.15	2500
HULOK	ZEPUT (TF) (FB) (RNP 0.70)	032.75 / 1.58	2000
BENEY (IAF)	NUPGY (TF) (FB) (RNP 1.00)	123.27 / 22.36	4000
NUPGY (IF)	ZISEN (TF) (FB) (RNP 1.00)	150.43 / 7.98	4000
HARDD (IF)	NUYVO (TF) (FB) (RNP 0.70)	032.70 / 4.79	3500
NUYVO	HULOK (TF) (FB) (RNP 0.70)	032.73 / 3.15	2500
BRAUN	KUBGE (TF) (FB) (RNP 2.00)	212.76 / 14.33	6000
KUBGE (IAF)	JOKBA (TF) (FB) (RNP 1.00)	212.83 / 11.52	6000
JOKBA	CIXEX (TF) (FB) (RNP 1.00)	212.70 / 2.55	6000
CIXEX (IF)	YIRUD (TF) (FB) (RNP 1.00)	212.50 / 3.86	3600
YIRUD	JIREK (RF) (FB) (RNP 1.00)	(2.41 NM RADIUS CW BXCDG)/3.21	3600
JIREK	HULOK (RF) (FB) (RNP 1.00)	(2.41 NM RADIUS CW BXCDG)/4.37	2500
ZEPUT *(FAF)*	RW03 (MAP) (TF) (FO)	032.76 / 3.68	
RW03 (MAP)	BISGE (TF) (FB) (RNP 1.00)	032.77 / 6.75	
BISGE (TF)	SHEPE (TF) (FO) *(RNP 1.00)*	025.53 / 17.39	3500

NOTES, (CONT.):
CHART PLANVIEW NOTE AT YIRUD : MAX 180 KIAS.
CHART PLANVIEW NOTE AT CUGBO : MAX 180 KIAS.
CHART PLANVIEW NOTE AT ZISEN : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BENEY ON V68 WEST BOUND.

CITY AND STATE	ELEVATION: 809 THRE: 786	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 3, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRAUN ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SAT VORTAC AIRWAY RADIALS 160 CW 331.
CHART PLANVIEW NOTE ADJACENT TO SAT VORTAC IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO BENEY IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO KUBGE IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT SAT VORTAC: (RNP 0.70).
CHART PLANVIEW NOTE AT BENEY: (RNP 0.70).
CHART PLANVIEW NOTE AT HARDD: (RNP 0.70).
CHART PLANVIEW NOTE AT BRAUN: (RNP 0.70).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE AT HARDD: RADAR REQUIRED.
CHART NOTE: FOR INOPERATIVE MALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/4.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4C(24F) OR ABOVE 46C (116F).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 809 THRE: 786 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 3, ORIG 5 MAY 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SAT   K4011680VTHA N29383851W098274073    N29383851W098274073E0080011602     NARSAN ANTONIO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BENEY K40    R   L N29501976W098592602                    E0053     NAR           BENEY
        SUSAEAENRT   BISGE K40    W     N29363080W098230845                    E0050     NAR           BISGE
        SUSAEAENRT   BRAUN K40    C   L N29484618W098034763                    E0048     NAR           BRAUN
        SUSAEAENRT   BXCDG K40    W     N29254937W098300233                    E0050     NAR           CNF(BXCDG)
        SUSAEAENRT   CIXEX K40    W     N29271201W098250401                    E0050     NAR           CIXEX
        SUSAEAENRT   COTVI K40    W     N29352633W098310523                    E0050     NAR           COTVI
        SUSAEAENRT   CUGBO K40    W     N29303657W098361477                    E0051     NAR           CUGBO
        SUSAEAENRT   HARDD K40    C     N29212205W098380363                    E0051     NAR           HARDD
        SUSAEAENRT   HULOK K40    W     N29272401W098320778                    E0051     NAR           HULOK
        SUSAEAENRT   IVIXE K40    W     N29285897W098341377                    E0051     NAR           CNF(IVIXE)
        SUSAEAENRT   JIREK K40    W     N29234001W098311703                    E0050     NAR           JIREK
        SUSAEAENRT   JOKBA K40    W     N29290837W098230967                    E0050     NAR           JOKBA
        SUSAEAENRT   KUBGE K40    W     N29375298W098143176                    E0049     NAR           KUBGE
        SUSAEAENRT   NUPGY K40    W     N29353125W098400934                    E0051     NAR           NUPGY
        SUSAEAENRT   NUYVO K40    W     N29250035W098342913                    E0051     NAR           NUYVO
        SUSAEAENRT   SHEPE K40    C   L N29510219W098120565                    E0049     NAR           SHEPE
        SUSAEAENRT   UVWUQ K40    W     N29285792W098341430                    E0051     NAR           CNF(UVWUQ)
        SUSAEAENRT   WUNER K40    W     N29264734W098352462                    E0051     NAR           WUNER
        SUSAEAENRT   YEVUP K40    W     N29333714W098330143                    E0051     NAR           YEVUP
        SUSAEAENRT   YIRUD K40    W     N29241529W098275636                    E0050     NAR           YIRUD
        SUSAEAENRT   ZEPUT K40    W     N29283616W098305673                    E0050     NAR           ZEPUT
        SUSAEAENRT   ZISEN K40    W     N29280494W098364776                    E0051     NAR           ZISEN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4ASAT     0     085YHN29320130W098281120E008000809         1800018000C    MNAR    SAN ANTONIO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4FR03-Z ABENEY 010BENEYK4EA0E  A    IF                                                  18000                A PS
        SUSAP KSATK4FR03-Z ABENEY 020NUPGYK4EA0E  B 010TF                          12330224    B 0650004000                      A PS
        SUSAP KSATK4FR03-Z ABENEY 030ZISENK4EA0E    010TF                          15040080    + 04000          180              A-PS
        SUSAP KSATK4FR03-Z ABENEY 040WUNERK4EA0E   L091RF       0024001504       10720018    + 03500                   UVWUQ K4EAA PS
        SUSAP KSATK4FR03-Z ABENEY 050HULOKK4EA0EE  L091RF       0024201072       03280032    + 02500                   IVIXE K4EAA PS
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CITY AND STATE	ELEVATION: **809** THRE: **786**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 5 MAY 2011	AMDT: **NONE** DATED:

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SUSAP KSATK4FR03-Z ABRAUN 010ERAUNK4EA0E       IF                                          18000                A PS
SUSAP KSATK4FR03-Z ABRAUN 020KUBGEK4EA0E  A 020TF                    21280143    B 0900006000                    A PS
SUSAP KSATK4FR03-Z ABRAUN 030JOKBAK4EA0E    010TF                    21280115      06000                         A PS
SUSAP KSATK4FR03-Z ABRAUN 040CIXEXK4EA0E  B 010TF                    21270026    + 06000                         A PS
SUSAP KSATK4FR03-Z ABRAUN 050YIRUDK4EA0E    010TF                    21250039    + 03600          180            A-PS
SUSAP KSATK4FR03-Z ABRAUN 060JIREKK4EA0E   R010RF       0024102125   28880032    + 03600                BXCDG K4EAA PS
SUSAP KSATK4FR03-Z ABRAUN 070HULOKK4EA0EE  R010RF       0024102888   03280044    + 02500                BXCDG K4EAA PS
SUSAP KSATK4FR03-Z AHARDD 010HARDDK4EA0E  B    IF                                   18000210                A-PS
SUSAP KSATK4FR03-Z AHARDD 020NUYVOK4EA0E    071TF                    03270048    + 03500                         A PS
SUSAP KSATK4FR03-Z AHARDD 030HULOKK4EA0EE   071TF                    03270032    + 02500                         A PS
SUSAP KSATK4FR03-Z ASAT   010SAT  K4D 0V  A    IF                                   18000                         A PS
SUSAP KSATK4FR03-Z ASAT   020COTVIK4EA0E     010TF                    21490044      06000                         A PS
SUSAP KSATK4FR03-Z ASAT   030YEVUPK4EA0E   B 010TF                    21490025    + 06000                         A PS
SUSAP KSATK4FR03-Z ASAT   040CUGBOK4EA0E     010TF                    21510041    + 04000          180            A-PS
SUSAP KSATK4FR03-Z ASAT   050ZISENK4EA0E    L010RF       0024002151   15040027    + 04000          180   UVWUQ K4EAA-PS
SUSAP KSATK4FR03-Z ASAT   060WUNERK4EA0E    L091RF       0024001504   10720018    + 03500                UVWUQ K4EAA PS
SUSAP KSATK4FR03-Z ASAT   070HULOKK4EA0EE   L091RF       0024201072   03280032    + 02500                IVIXE K4EAA PS
SUSAP KSATK4FR03-Z R      010HULOKK4EA0E  I    IF                                   + 02500      18000             A PS
SUSAP KSATK4FR03-Z R      020ZEPUTK4EA1E  F 071TF                    03280016    + 02000                RW03  K4PGA PS
SUSAP KSATK4FR03-Z R      020ZEPUTK4EA2W                                        A031A152                          PS
SUSAP KSATK4FR03-Z R      030RW03 K4PG0GY M 031TF                    03280037      00829          -300           A PS
SUSAP KSATK4FR03-Z R      040BISGEK4EA0E M  010TF                    03280068                                    A PS
SUSAP KSATK4FR03-Z R      050SHEPEK4EA0EY     010TF                  02550174    + 03500                         A PS
SUSAP KSATK4FR03-Z R      060SHEPEK4EA0EE   R   HM                   02550040    + 03500                         A PS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4GRW03     0075050328 N29312364W098281166-0300     +0214300786000043150IISAT1

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4SRW03 K4PG              0   18018004225                                                              M
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CITY AND STATE	ELEVATION: **809** THRE: **786**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	BENEY	BENEY	010	IAF	IF		FB					
	BENEY	NUPGY	020		TF		FB	1.0	123.3(131.3T)	022.4	BT 0650004000	
	BENEY	ZISEN	030		TF		FB	1.0	150.4(158.4T)	008.0	AA 04000	AB 180
	BENEY	WUNER	040		RF	L	FB	0.9		001.8	AA 03500	
	BENEY	HULOK	050		RF	L	FB	0.9		003.2	AA 02500	
	BRAUN	BRAUN	010		IF		FB					
	BRAUN	KUBGE	020	IAF	TF		FB	2.0	212.8(220.8T)	014.3	BT 0900006000	
	BRAUN	JOKBA	030		TF		FB	1.0	212.8(220.8T)	011.5	AT 06000	
	BRAUN	CIXEX	040		TF		FB	1.0	212.7(220.7T)	002.6	AA 06000	
	BRAUN	YIRUD	050		TF		FB	1.0	212.5(220.5T)	003.9	AA 03600	AB 180
	BRAUN	JIREK	060		RF	R	FB	1.0		003.2	AA 03600	
	BRAUN	HULOK	070		RF	R	FB	1.0		004.4	AA 02500	
	HARDD	HARDD	010		IF		FB					AB 210
	HARDD	NUYVO	020		TF		FB	0.7	032.7(040.7T)	004.8	AA 03500	
	HARDD	HULOK	030		TF		FB	0.7	032.7(040.7T)	003.2	AA 02500	
	SAT	SAT	010	IAF	IF		FB					
	SAT	COTVI	020		TF		FB	1.0	214.9(222.9T)	004.4	AT 06000	
	SAT	YEVUP	030		TF		FB	1.0	214.9(222.9T)	002.5	AA 06000	
	SAT	CUGBO	040		TF		FB	1.0	215.1(223.1T)	004.1	AA 04000	AB 180
	SAT	ZISEN	050		RF	L	FB	1.0		002.7	AA 04000	AB 180
	SAT	WUNER	060		RF	L	FB	0.9		001.8	AA 03500	
	SAT	HULOK	070		RF	L	FB	0.9		003.2	AA 02500	
		HULOK	010	FACF	IF		FB				AA 02500	
		ZEPUT	020	FAF	TF		FB	0.7	032.8(040.8T)	001.6	AA 02000	
		RW03	030	MAP	TF		FO	0.3	032.8(040.8T)	003.7	AT 00829	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BISGE	040		TF		FB	1.0	032.8(040.8T)	006.8		
	SHEPE	050		TF		FO	1.0	025.5(033.5T)	017.4	AA 03500	
	SHEPE	060		HM	R	FO		025.5(033.5T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAT	N293838.51	W0982740.73	N2938.642	W09827.679
	BENEY	N295019.76	W0985926.02	N2950.329	W09859.434
	BISGE	N293630.80	W0982308.45	N2936.513	W09823.141
	BRAUN	N294846.18	W0980347.63	N2948.770	W09803.794
	BXCDG	N292549.37	W0983002.33	N2925.823	W09830.039
	CIXEX	N292712.01	W0982504.01	N2927.200	W09825.067
	COTVI	N293526.33	W0983105.23	N2935.439	W09831.087
	CUGBO	N293036.57	W0983614.77	N2930.610	W09836.246

CITY AND STATE	ELEVATION: 809 THRE: 786	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

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HARDD	N292122.05	W0983803.63	N2921.368	W09838.061
HULOK	N292724.01	W0983207.78	N2927.400	W09832.130
IVIXE	N292858.97	W0983413.77	N2928.983	W09834.230
JIREK	N292340.01	W0983117.03	N2923.667	W09831.284
JOKBA	N292908.37	W0982309.67	N2929.140	W09823.161
KUBGE	N293752.98	W0981431.76	N2937.883	W09814.529
NUPGY	N293531.25	W0984009.34	N2935.521	W09840.156
NUYVO	N292500.35	W0983429.13	N2925.006	W09834.486
SHEPE	N295102.19	W0981205.65	N2951.037	W09812.094
UVWUQ	N292857.92	W0983414.30	N2928.965	W09834.238
WUNER	N292647.34	W0983524.62	N2926.789	W09835.410
YEVUP	N293337.14	W0983301.43	N2933.619	W09833.024
YIRUD	N292415.29	W0982756.36	N2924.255	W09827.939
ZEPUT	N292836.16	W0983056.73	N2928.603	W09830.946
ZISEN	N292804.94	W0983647.76	N2928.082	W09836.796
RW03	N293123.64	W0982811.66	N2931.394	W09828.194

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03	00786	43

QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 THRE: 786	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 3, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

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
ELKAY (IAF)	HUKRA (TF) (FB) (RNP 1.00)	317.51 / 5.80	4100
HUKRA (IF)	CEXOD (TF) (FB) (RNP 1.00)	315.98 / 6.09	4100
CEXOD	OSWOD (RF) (FB) (RNP 0.30)	(2.24 NM RADIUS CW UQOPY)/6.55	2200
MEDIN (IAF)	REUBE (TF) (FB) (RNP 1.00)	104.97 / 7.96	4000
REUBE	HASOO (TF) (FB) (RNP 1.00)	123.43 / 7.06	4000
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3100 ON TRACK 123.60 TO POYIG AND RIGHT TURN ON TRACK 166.57 TO EMBOW AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.00 INBOUND.
CHART FAS OBST: 923 TOWER 293245N/0982945W
CHART FAS OBST: 893 TREE 293253N/0982946W
CHART A-635.
DISTANCE TO THLD FROM 333 HATH: 0.86 NM.
CHART AT OR ABOVE 6000 AT ELKAY
#TCH 866.8 MSL (DO NOT CHART)
CHART MAXIMUM 9000 AT MEDIN
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART AT OR ABOVE 6000 AT CRISS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OSWOD
3. FAC: 123.57 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 4.19 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: OSWOD 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.7# 34:1 IS NOT CLEAR
8. MSA FROM: RW12R 4200

MAG VAR: 8E EPOCH YEAR: 1980

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 0.15 DA	1142	4000	333	1142	4000	333	1142	4000	333	1142	4000	333			
RNP 0.30 DA	1303	6000	494	1303	6000	494	1303	6000	494	1303	6000	494			

NOTES:
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT ITLIW : MAX 180 KIAS.
CHART PLANVIEW NOTE AT CEXOD : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEDIN ON V68 WEST BOUND.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 809 THRE: 809 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 12R, ORIG 5 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HASDO (IF)	ALAMO LOM (TF) (FB) (RNP 1.00)	123.51 / 6.23	2700
ALAMO LOM	OSWOD (TF) (FB) (RNP 0.80)	123.56 / 1.68	2200
CRISS (IF/IAF)	ITLIW (TF) (FB) (RNP 1.00)	270.59 / 5.70	4500
ITLIW	ALAMO LOM (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CCW IXIWY)/5.75	2700
OSWOD *(FAF)*	RW12R (MAP) (TF) (FO)	123.57 / 4.19	
RW12R (MAP)	POYIG (TF) (FB) (RNP 1.00)	123.60 / 6.85	
POYIG	EMBOW (TF) (FO) (RNP 1.00)	166.57 / 13.74	3100

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRISS ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE ADJACENT TO ELKAY IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO CRISS IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT ELKAY: (RNP 0.30).
CHART PLANVIEW NOTE AT MEDIN: (RNP 0.80).
CHART PLANVIEW NOTE AT CRISS: (RNP 0.80).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE AT POYIG: MAX 210 KIAS UNTIL POYIG.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4C (24F) OR ABOVE 46C (116F).
CHART PLANVIEW NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 5000 AND RNP 0.30 ALL CATS VISIBILITY TO 1 5/8.

CITY AND STATE	ELEVATION: 809 THRE: 809	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 12R, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (RNP)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ALAMO K40    C     N29362824W098341012                    E0051    NAR          ALAMO LOM
        SUSAEAENRT   CEXOD K40    W     N29322094W098363025                    E0051    NAR          CEXOD
        SUSAEAENRT   CRISS K40    C   L N29393125W098253695                    E0050    NAR          CRISS
        SUSAEAENRT   ELKAY K40    C     N29223744W098283837                    E0050    NAR          ELKAY
        SUSAEAENRT   EMBOW K40    C   L N29141749W098214668                    E0050    NAR          EMBOW
        SUSAEAENRT   HASDO K40    C     N29403669W098393118                    E0051    NAR          HASDO
        SUSAEAENRT   HUKRA K40    W     N29272489W098322404                    E0051    NAR          HUKRA
        SUSAEAENRT   ITLIW K40    W     N29402228W098320489                    E0051    NAR          ITLIW
        SUSAEAENRT   IXIWY K40    W     N29380904W098322780                    E0051    NAR          CNF(IXIWY)
        SUSAEAENRT   MEDIN K40    C   L N29482491W098540109                    E0053    NAR          MEDIN
        SUSAEAENRT   OSWOD K40    W     N29352102W098324339                    E0051    NAR          OSWOD
        SUSAEAENRT   POYIG K40    W     N29280025W098231593                    E0050    NAR          POYIG
        SUSAEAENRT   REUBE K40    C   L N29451774W098453567                    E0052    NAR          REUBE
        SUSAEAENRT   UQOPY K40    W     N29334021W098342565                    E0051    NAR          CNF(UQOPY)

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4ASAT     0     08SYHN29320130W098281120E008000809          1800018000C    MNAR     SAN ANTONIO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4FR12RZ ACRISS 010CRISSK4EA0E  A    IF                                  + 06000     18000                A PS
        SUSAP KSATK4FR12RZ ACRISS 020ITLIWK4EA0E    010TF                    27060057     + 04500          180             A-PS
        SUSAP KSATK4FR12RZ ACRISS 030ALAMOK4EA0E   L010RF       0022402706    12360058     + 02700                  IXIWY K4EAA PS
        SUSAP KSATK4FR12RZ ACRISS 040OSWODK4EA0EE   081TF                    12360017     + 02200                      A PS
        SUSAP KSATK4FR12RZ AELKAY 010ELKAYK4EA0E  A    IF                                  + 06000     18000            A PS
        SUSAP KSATK4FR12RZ AELKAY 020HUKRAK4EA0E  B 010TF                    31750058     + 04100                      A PS
        SUSAP KSATK4FR12RZ AELKAY 030CEXODK4EA0E    010TF                    31600061     + 04100          180         A-PS
        SUSAP KSATK4FR12RZ AELKAY 040OSWODK4EA0EE  R031RF       0022403160    12360066     + 02200                  UQOPY K4EAA PS
        SUSAP KSATK4FR12RZ AMEDIN 010MEDINK4EA0E  A    IF                                  - 09000     18000            A PS
        SUSAP KSATK4FR12RZ AMEDIN 020REUBEK4EA0E    010TF                    10500080     + 04000                      A PS
        SUSAP KSATK4FR12RZ AMEDIN 030HASDOK4EA0E  B 010TF                    12340071     + 04000                      A PS
        SUSAP KSATK4FR12RZ AMEDIN 040ALAMOK4EA0E    010TF                    12350062     + 02700                      A PS
        SUSAP KSATK4FR12RZ AMEDIN 050OSWODK4EA0EE   081TF                    12360017     + 02200                      A PS
        SUSAP KSATK4FR12RZ R      020OSWODK4EA1E  F    IF                                  + 02200     18000    RW12R K4PGA PS
        SUSAP KSATK4FR12RZ R      020OSWODK4EA2W                                              A031A152                 PS
        SUSAP KSATK4FR12RZ R      030RW12RK4PG0GY M 031TF                  12360042       00867          -300         A PS
        SUSAP KSATK4FR12RZ R      040POYIGK4EA0E M  010TF                  12360069                   210             A-PS
        SUSAP KSATK4FR12RZ R      050EMBOWK4EA0EY   010TF                  16660137     + 03100                      A PS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **809** TDZE: **809**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 12R, ORIG** 5 MAY 2011	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 KSATK4FR12RZ R      060EMBOWK4EA0EE  R   HM                    34000040    + 03100                          A PS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4GRW12R   0085021236 N29323389W098290795-0400    +022140080900005815OIIANT2

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4SRW12RK4PG               0   18018004225                                                                  M
```

CITY AND STATE	ELEVATION: 809 TDZE: 809	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 12R, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) 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 (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CRISS	CRISS	010	IAF	IF		FB				AA 06000	
	CRISS	ITLIW	020		TF		FB	1.0	270.6(278.6T)	005.7	AA 04500	AB 180
	CRISS	ALAMO	030		RF	L	FB	1.0		005.8	AA 02700	
	CRISS	OSWOD	040		TF		FB	0.8	123.6(131.6T)	001.7	AA 02200	
	ELKAY	ELKAY	010	IAF	IF		FB				AA 06000	
	ELKAY	HUKRA	020		TF		FB	1.0	317.5(325.5T)	005.8	AA 04100	
	ELKAY	CEXOD	030		TF		FB	1.0	316.0(324.0T)	006.1	AA 04100	AB 180
	ELKAY	OSWOD	040		RF	R	FB	0.3		006.6	AA 02200	
	MEDIN	MEDIN	010	IAF	IF		FB				AB 09000	
	MEDIN	REUBE	020		TF		FB	1.0	105.0(113.0T)	008.0	AA 04000	
	MEDIN	HASDO	030		TF		FB	1.0	123.4(131.4T)	007.1	AA 04000	
	MEDIN	ALAMO	040		TF		FB	1.0	123.5(131.5T)	006.2	AA 02700	
	MEDIN	OSWOD	050		TF		FB	0.8	123.6(131.6T)	001.7	AA 02200	
		OSWOD	020	FAF	IF		FB				AA 02200	
		RW12R	030	MAP	TF		FO	0.3	123.6(131.6T)	004.2	AT 00867	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	POYIG	040		TF		FB	1.0	123.6(131.6T)	006.9		AB 210
	EMBOW	050		TF		FO	1.0	166.6(174.6T)	013.7	AA 03100	
	EMBOW	060		HM	R	FO		340.0(348.0T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALAMO	N293628.24	W0983410.12	N2936.471	W09834.169
	CEXOD	N293220.94	W0983630.25	N2932.349	W09836.504
	CRISS	N293931.25	W0982536.95	N2939.521	W09825.616
	ELKAY	N292237.44	W0982838.37	N2922.624	W09828.640
	EMBOW	N291417.49	W0982146.68	N2914.292	W09821.778
	HASDO	N294036.69	W0983931.18	N2940.612	W09839.520
	HUKRA	N292724.89	W0983224.04	N2927.415	W09832.401
	ITLIW	N294022.28	W0983204.89	N2940.371	W09832.082
	IXIWY	N293809.04	W0983227.80	N2938.151	W09832.463
	MEDIN	N294824.91	W0985401.09	N2948.415	W09854.018
	OSWOD	N293521.02	W0983243.39	N2935.350	W09832.723
	POYIG	N292800.25	W0982315.93	N2928.004	W09823.266
	REUBE	N294517.74	W0984535.67	N2945.296	W09845.595
	UQOPY	N293340.21	W0983425.65	N2933.670	W09834.428
	RW12R	N293233.89	W0982907.95	N2932.565	W09829.133

QUALITY CHECKED

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE	ELEVATION: 809 TDZE: 809	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 12R, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

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RW12R 00809 58

QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 TDZE: 809	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 12R, ORIG 5 MAY 2011	AMDT: NONE DATED:

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
MEDIN (IAF)	JUMDI (TF) (FB) (RNP 1.00)	096.84 / 14.42	6000
JUMDI	WAFSY (TF) (FB) (RNP 1.00)	114.77 / 7.00	3000
WAFSY (IF)	HUKAX (TF) (FB) (RNP 1.00)	114.83 / 5.71	2500
HUKAX	ZOLUR (RF) (FB) (RNP 0.50)	(2.24 NM RADIUS CW DXINY)/2.26	2100
ZOLUR	ZIGDA (RF) (FB) (RNP 0.50)	(2.24 NM RADIUS CW DXINY)/1.56	1700
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3100 ON TRACK 212.79 TO HULOK AND LEFT TURN ON TRACK 137.28 TO EMBOW AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.00 INBOUND.
CHART A-635.
DISTANCE TO THLD FROM 392 HATH: 1.06 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART MAXIMUM 9000 AT MEDIN
#TCH 816.7 MSL (DO NOT CHART)
CHART AT OR ABOVE 6000 AT ELKAY

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZIGDA
3. FAC: 212.80 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 2.77 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: ZIGDA 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS CLEAR
8. MSA FROM: RW21 4200

MAG VAR: 8E EPOCH YEAR: 1980

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															
RNP0.30 DA	1154	1 1/4	392	1154	1 1/4	392	1154	1 1/4	392	1154	1 1/4	392			

NOTES:
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT HUKAX : MAX 180 KIAS.
CHART PLANVIEW NOTE AT UWEZY : MAX 180 KIAS.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 809 THRE: 762 AIRPORT NAME:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	SAN ANTONIO INTL		RNAV (RNP) Z RWY 21, ORIG 5 MAY 2011	AMDT: NONE DATED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRAUN (IAF)	ZALYO (TF) (FB) (RNP 1.00)	231.42 / 14.95	4000
ZALYO (IF)	UWEZY (TF) (FB) (RNP 0.30)	212.85 / 7.38	2100
UWEZY	ZIGDA (TF) (FB) (RNP 0.30)	212.82 / 1.45	1700
ELKAY (IAF)	JILIL (TF) (FB) (RNP 1.00)	025.20 / 7.21	6000
JILIL (IF)	WUDEL (TF) (FB) (RNP 0.30)	032.92 / 5.19	2100
WUDEL	UWEZY (RF) (FB) (RNP 0.30)	(2.24 NM RADIUS CCW ORUQI)/7.04	2100
ZIGDA *(FAF)*	RW21 (MAP) (TF) (FO)	212.80 / 2.77	
RW21 (MAP)	HULOK (TF) (FB) (RNP 1.00)	212.79 / 6.50	
HULOK	EMBOW (TF) (FO) (RNP 1.00)	137.28 / 15.90	3100

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEDIN ON V68 WEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRAUN ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE ADJACENT TO MEDIN IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO ELKAY IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT MEDIN: (RNP 0.50).
CHART PLANVIEW NOTE AT BRAUN: (RNP 0.30).
CHART PLANVIEW NOTE AT ELKAY: (RNP 0.30).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE AT HULOK: MAX 195 KIAS UNTIL HULOK.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4C (24F) OR ABOVE 46C (115F).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULITPLE IF LOCATIONS.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) 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 (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   BRAUN K40    C   L N29484618W098034763                    E0048     NAR           BRAUN
         SUSAEAENRT   ELKAY K40    C     N29223744W098283837                    E0050     NAR           ELKAY
         SUSAEAENRT   EMBOW K40    C   L N29141749W098214668                    E0050     NAR           EMBOW
         SUSAEAENRT   HUKAX K40    W     N29374739W098254452                    E0050     NAR           HUKAX
         SUSAEAENRT   HULOK K40    W     N29272401W098320778                    E0051     NAR           HULOK
         SUSAEAENRT   IXINY K40    W     N29355424W098270822                    E0050     NAR           CNF(IXINY)
         SUSAEAENRT   JILIL K40    W     N29284001W098240711                    E0050     NAR           JILIL
         SUSAEAENRT   JUMDI K40    W     N29444178W098380028                    E0051     NAR           JUMDI
         SUSAEAENRT   MEDIN K40    C   L N29482491W098540109                    E0053     NAR           MEDIN
         SUSAEAENRT   ORUQI K40    W     N29340415W098220965                    E0050     NAR           CNF(ORUQI)
         SUSAEAENRT   UWEZY K40    W     N29353223W098240629                    E0050     NAR           UWEZY
         SUSAEAENRT   WAFSY K40    W     N29405372W098311485                    E0050     NAR           WAFSY
         SUSAEAENRT   WUDEL K40    W     N29323587W098201324                    E0049     NAR           WUDEL
         SUSAEAENRT   ZALYO K40    W     N29410795W098183426                    E0049     NAR           ZALYO
         SUSAEAENRT   ZIGDA K40    W     N29342622W098251151                    E0050     NAR           ZIGDA
         SUSAEAENRT   ZOLUR K40    W     N29355233W098243407                    E0050     NAR           ZOLUR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KSATK4ASAT     0     085YHN29320130W098281120E008000809         18000018000C    MNAR    SAN ANTONIO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KSATK4FR21-Z ABRAUN 010BRAUNK4EA0E  A    IF                                          18000                A PS
         SUSAP KSATK4FR21-Z ABRAUN 020ZALYOK4EA0E  B 010TF                    23140150   + 03500                        A PS
         SUSAP KSATK4FR21-Z ABRAUN 030UWEZYK4EA0E    031TF                    21290074   + 02100        180             A-PS
         SUSAP KSATK4FR21-Z ABRAUN 040ZIGDAK4EA0EE   031TF                    21280015   + 01700                        A PS
         SUSAP KSATK4FR21-Z AELKAY 010ELKAYK4EA0E  A    IF                               + 06000    18000               A PS
         SUSAP KSATK4FR21-Z AELKAY 020JILILK4EA0E  B 010TF                    02520072   + 02500                        A PS
         SUSAP KSATK4FR21-Z AELKAY 030WUDELK4EA0E    031TF                    03290052   + 02100                        A PS
         SUSAP KSATK4FR21-Z AELKAY 040UWEZYK4EA0E   L031RF      0022400329    21280070   + 02100        180    ORUQI K4EAA-PS
         SUSAP KSATK4FR21-Z AELKAY 050ZIGDAK4EA0EE   031TF                    21280015   + 01700                        A PS
         SUSAP KSATK4FR21-Z AMEDIN 010MEDINK4EA0E  A    IF                               - 09000    18000               A PS
         SUSAP KSATK4FR21-Z AMEDIN 020JUMDIK4EA0E    010TF                    09680144   + 06000                        A PS
         SUSAP KSATK4FR21-Z AMEDIN 030WAFSYK4EA0E  B 010TF                    11480070   + 03000                        A PS
         SUSAP KSATK4FR21-Z AMEDIN 040HUKAXK4EA0E    010TF                    11480057   + 02500        180             A-PS
         SUSAP KSATK4FR21-Z AMEDIN 050ZOLURK4EA0E   R051RF      0022401148    17280023   + 02100                IXINY K4EAA PS
         SUSAP KSATK4FR21-Z AMEDIN 060ZIGDAK4EA0EE  R051RF      0022401728    21280016   + 01700                IXINY K4EAA PS
         SUSAP KSATK4FR21-Z R      020ZIGDAK4EA1E   F    IF                               + 01700    18000       RW21    K4PGA PS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 THRE: 762	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG** 5 MAY 2011	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 KSATK4FR21-Z R      020ZIGDAK4EA2W                                    A031                    PS
SUSAP KSATK4FR21-Z R      030RW21 K4PG0GY M 031TF          21280028      00817          -300      A PS
SUSAP KSATK4FR21-Z R      040HULOKK4EA0E M  010TF          21280065                     195       A-PS
SUSAP KSATK4FR21-Z R      050EMBOWK4EA0EY   010TF          13730159    + 03100                    A PS
SUSAP KSATK4FR21-Z R      060EMBOWK4EA0EE  R   HM          34000040    + 03100                    A PS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4GRW21    0075052128 N29321990W098271617+0300    +020690076200005515OR

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4SRW21 K4PG              0   18018004225                                                                  M
```

QUALITY

CITY AND STATE	ELEVATION: 809 THRE: 762	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 21, ORIG 5 MAY 2011	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 (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRAUN	BRAUN	010	IAF	IF		FB					
	BRAUN	ZALYO	020		TF		FB	1.0	231.4(239.4T)	015.0	AA 03500	
	BRAUN	UWEZY	030		TF		FB	0.3	212.9(220.9T)	007.4	AA 02100	AB 180
	BRAUN	ZIGDA	040		TF		FB	0.3	212.8(220.8T)	001.5	AA 01700	
	ELKAY	ELKAY	010	IAF	IF		FB				AA 06000	
	ELKAY	JILIL	020		TF		FB	1.0	025.2(033.2T)	007.2	AA 02500	
	ELKAY	WUDEL	030		TF		FB	0.3	032.9(040.9T)	005.2	AA 02100	
	ELKAY	UWEZY	040		RF	L	FB	0.3		007.0	AA 02100	AB 180
	ELKAY	ZIGDA	050		TF		FB	0.3	212.8(220.8T)	001.5	AA 01700	
	MEDIN	MEDIN	010	IAF	IF		FB				AB 09000	
	MEDIN	JUMDI	020		TF		FB	1.0	096.8(104.8T)	014.4	AA 06000	
	MEDIN	WAFSY	030		TF		FB	1.0	114.8(122.8T)	007.0	AA 03000	
	MEDIN	HUKAX	040		TF		FB	1.0	114.8(122.8T)	005.7	AA 02500	AB 180
	MEDIN	ZOLUR	050		RF	R	FB	0.5		002.3	AA 02100	
	MEDIN	ZIGDA	060		RF	R	FB	0.5		001.6	AA 01700	
		ZIGDA	020	FAF	IF		FB				AA 01700	
		RW21	030	MAP	TF		FO	0.3	212.8(220.8T)	002.8	AT 00817	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HULOK	040		TF		FB	1.0	212.8(220.8T)	006.5		AB 195
	EMBOW	050		TF		FO	1.0	137.3(145.3T)	015.9	AA 03100	
	EMBOW	060		HM	R	FO		340.0(348.0T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRAUN	N294846.18	W0980347.63	N2948.770	W09803.794
	ELKAY	N292237.44	W0982838.37	N2922.624	W09828.640
	EMBOW	N291417.49	W0982146.68	N2914.292	W09821.778
	HUKAX	N293747.39	W0982544.52	N2937.790	W09825.742
	HULOK	N292724.01	W0983207.78	N2927.400	W09832.130
	IXINY	N293554.24	W0982708.22	N2935.904	W09827.137
	JILIL	N292840.01	W0982407.11	N2928.667	W09824.119
	JUMDI	N294441.78	W0983800.28	N2944.696	W09838.005
	MEDIN	N294824.91	W0985401.09	N2948.415	W09854.018
	ORUQI	N293404.15	W0982209.65	N2934.069	W09822.161
	UWEZY	N293532.23	W0982406.29	N2935.537	W09824.105
	WAFSY	N294053.72	W0983114.85	N2940.895	W09831.248
	WUDEL	N293235.87	W0982013.24	N2932.598	W09820.221
	ZALYO	N294107.95	W0981834.26	N2941.133	W09818.571
	ZIGDA	N293426.22	W0982511.51	N2934.437	W09825.192
	ZOLUR	N293552.33	W0982434.07	N2935.872	W09824.568



CITY AND STATE	ELEVATION: 809 THRE: 762	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG** 5 MAY 2011	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.

RW21	N293219.90	W0982716.17	N2932.332	W09827.270

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW21	00762	55

CITY AND STATE	ELEVATION: 809 THRE: 762	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG** 5 MAY 2011	AMDT: **NONE**
				DATED:

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
BENEY (IAF)	ISEDE (TF) (FB) (RNP 1.00)	123.94 / 22.28	6000
ISEDE	JEGBO (TF) (FB) (RNP 1.00)	123.77 / 10.69	6000
JEGBO (IF)	ODXUR (TF) (FB) (RNP 1.00)	123.59 / 5.85	3500
ODXUR	UMIYU (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CCW IWXOF)/4.19	3500
UMIYU	ZUBOX (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CCW IWXOF)/2.85	2700
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3000 ON TRACK 303.61 TO HASDO THEN CLIMB TO 4200 ON TRACK 303.48 TO REUBE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 112.77 INBOUND.
CHART FAS OBST: 893 BLDG 293107N/0982712W
CHART A-635.
DISTANCE TO THLD FROM 442 HATH: 1.20 NM.
CHART MANDATORY 6000 AT ITEPE.
CHART MAXIMUM 9000 AT ISEDE
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 838.3 MSL (DO NOT CHART)
CHART MAXIMUM 8000 AT HUNUV
CHART MAXIMUM 6000 AT TROOP

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UPTEY
3. FAC: 303.64 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: UPTEY 2200
5. DIST TO THLD FROM OM: 4.28 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: UPTEY 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.9# 34:1 IS NOT CLEAR
8. MSA FROM: RW30L 4200

MAG VAR: 8E EPOCH YEAR: 1980

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 0.30 DA	1220	5000	442	1220	5000	442	1220	5000	442	1220	5000	442			

NOTES:
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT WIDUD : MAX 180 KIAS.
CHART PLANVIEW NOTE AT ODXUR : MAX 180 KIAS.
CHART PLANVIEW NOTE AT UMIYU : MAX 180 KIAS.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 809 THRE: 778 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 30L, ORIG 5 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUBOX	UPTEY (TF) (FB) (RNP 0.60)	303.65 / 1.62	2200
WENDL (IAF)	HOVOG (TF) (FB) (RNP 1.00)	016.59 / 9.78	5000
HOVOG (IF)	UMIYU (TF) (FB) (RNP 1.00)	016.59 / 5.00	3500
WIMIN (IF)	ZUBOX (TF) (FB) (RNP 1.00)	303.70 / 5.65	2700
BRAUN (IAF)	HUNUV (TF) (FB) (RNP 1.00)	191.30 / 14.56	6000
HUNUV	ITEPE (TF) (FB) (RNP 1.00)	191.43 / 5.20	6000
ITEPE (IF)	HUPAT (RF) (FB) (RNP 1.00)	(5.00 NM RADIUS CW OLUMY)/4.04	4300
HUPAT	OWNOL (RF) (FB) (RNP 1.00)	(5.00 NM RADIUS CW OLUMY)/2.60	4300
OWNOL	WERVO (TF) (FB) (RNP 1.00)	267.43 / 3.51	3200
WERVO	ZUBOX (RF) (FB) (RNP 0.70)	(2.50 NM RADIUS CW ZAXUD)/1.58	2700
TROOP (IAF)	JISDA (TF) (FB) (RNP 1.00)	159.64 / 6.77	5000
JISDA (IF)	WIDUD (TF) (FB) (RNP 1.00)	159.87 / 3.34	4000
WIDUD	HUGUK (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CW IQOXI)/2.09	3000
HUGUK	UPTEY (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CW IQOXI)/3.53	2200
UPTEY *(FAF)*	RW30L (MAP) (TF) (FO)	303.64 / 4.28	
RW30L (MAP)	HASDO (TF) (FB) (RNP 1.00)	303.61 / 13.50	3000
HASDO	REUBE (TF) (FO) (RNP 1.00)	303.48 / 7.06	4200

CITY AND STATE	ELEVATION: 809 THRE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 30L, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

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.

NOTES, (CONT.):
CHART PLANVIEW NOTE AT WIMIN : MAX 220 KIAS.
CHART PLANVIEW NOTE AT WERVO : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BENEY ON V68 WEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRAUN ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TROOP ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE ADJACENT TO BENEY IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO WENDL IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO BRAUN IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO TROOP IAF: RF REQUIRED.
CHART PLANVIEW NOTE AT BENEY: (RNP 0.60).
CHART PLANVIEW NOTE AT WENDL: (RNP 0.60).
CHART PLANVIEW NOTE AT WIMIN: (RNP 0.60).
CHART PLANVIEW NOTE AT BRAUN: (RNP 0.60).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -4C (24F) OR ABOVE 47C (116F)

CHART PLANVIEW NOTE: RADAR REQUIRED AT WIMIN
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	**ELEVATION: 809** **THRE: 778** AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 30L, ORIG** 5 MAY 2011	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 (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BENEY K40    R   L N29501976W098592602                    E0053     NAR           BENEY
        SUSAEAENRT   BRAUN K40    C   L N29484618W098034763                    E0048     NAR           BRAUN
        SUSAEAENRT   HASDO K40    C     N29403669W098393118                    E0051     NAR           HASDO
        SUSAEAENRT   HOVOG K40    W     N29203178W098243819                    E0050     NAR           HOVOG
        SUSAEAENRT   HUGUK K40    W     N29285895W098203813                    E0050     NAR           HUGUK
        SUSAEAENRT   HUNUV K40    W     N29345928W098091894                    E0049     NAR           HUNUV
        SUSAEAENRT   HUPAT K40    W     N29271027W098142065                    E0049     NAR           HUPAT
        SUSAEAENRT   IQOXI K40    W     N29302784W098223387                    E0050     NAR           CNF(IQOXI)
        SUSAEAENRT   ISEDE K40    W     N29352288W098402564                    E0051     NAR           ISEDE
        SUSAEAENRT   ITEPE K40    W     N29300430W098111787                    E0049     NAR           ITEPE
        SUSAEAENRT   IWXOF K40    W     N29260156W098243509                    E0050     NAR           CNF(IWXOF)
        SUSAEAENRT   JEGBO K40    W     N29281437W098311770                    E0050     NAR           JEGBO
        SUSAEAENRT   JISDA K40    W     N29341244W098205149                    E0050     NAR           JISDA
        SUSAEAENRT   ODXUR K40    W     N29242086W098261733                    E0050     NAR           ODXUR
        SUSAEAENRT   OLUMY K40    W     N29314437W098164212                    E0049     NAR           CNF(OLUMY)
        SUSAEAENRT   OWNOL K40    W     N29264497W098171465                    E0049     NAR           OWNOL
        SUSAEAENRT   REUBE K40    C   L N29451774W098453567                    E0052     NAR           REUBE
        SUSAEAENRT   TROOP K40    C   L N29405030W098223121                    E0050     NAR           TROOP
        SUSAEAENRT   UMIYU K40    W     N29250546W098221515                    E0050     NAR           UMIYU
        SUSAEAENRT   UPTEY K40    W     N29284716W098241621                    E0050     NAR           UPTEY
        SUSAEAENRT   WENDL K40    C     N29113667W098291773                    E0050     NAR           WENDL
        SUSAEAENRT   WERVO K40    W     N29270488W098211473                    E0050     NAR           WERVO
        SUSAEAENRT   WIDUD K40    W     N29305615W098200327                    E0049     NAR           WIDUD
        SUSAEAENRT   WIMIN K40    W     N29235644W098180308                    E0049     NAR           WIMIN
        SUSAEAENRT   ZAXUD K40    W     N29293458W098205855                    E0050     NAR           CNF(ZAXUD)
        SUSAEAENRT   ZUBOX K40    W     N29274224W098225279                    E0050     NAR           ZUBOX

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4ASAT     0      085YHN29320130W098281120E008000809          1800018000C     MNAR     SAN ANTONIO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4FR30LZ ABENEY 010BENEYK4EA0E  A    IF                                                18000                A PS
        SUSAP KSATK4FR30LZ ABENEY 020ISEDEK4EA0E    010TF                        12390223    B 0900006000                     A PS
        SUSAP KSATK4FR30LZ ABENEY 030JEGBOK4EA0E  B 010TF                        12380107    + 06000                          A PS
        SUSAP KSATK4FR30LZ ABENEY 040ODXURK4EA0E    010TF                        12360059    + 03500          180             A-PS
        SUSAP KSATK4FR30LZ ABENEY 050UMIYUK4EA0E    L010RF      0022401236       01660042    + 03500          180   IWXOF K4EAA-PS
        SUSAP KSATK4FR30LZ ABENEY 060ZUBOXK4EA0E    L010RF      0022400166       30370029    + 02700                IWXOF K4EAA PS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 THRE: 778	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 30L, ORIG** 5 MAY 2011	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.

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SUSAP KSATK4FR30LZ ABENEY 070UPTEYK4EA0EE   061TF                    30370016    + 02200                                  A PS
SUSAP KSATK4FR30LZ ABRAUN 010BRAUNK4EA0E  A    IF                                                18000                  A PS
SUSAP KSATK4FR30LZ ABRAUN 020HUNUVK4EA0E    010TF                    19130146    B 0800006000                             A PS
SUSAP KSATK4FR30LZ ABRAUN 030ITEPEK4EA0E  B 010TF                    19140052      06000                                  A PS
SUSAP KSATK4FR30LZ ABRAUN 040HUPATK4EA0E   R010RF       0050001914   23770040    + 04300                  OLUMY K4EAA PS
SUSAP KSATK4FR30LZ ABRAUN 050OWNOLK4EA0E   R010RF       0050002377   26740026    + 04300                  OLUMY K4EAA PS
SUSAP KSATK4FR30LZ ABRAUN 060WERVOK4EA0E    010TF                    26740035    + 03200          180                   A-PS
SUSAP KSATK4FR30LZ ABRAUN 070ZUBOXK4EA0E   R071RF       0025002674   30370016    + 02700                  ZAXUD K4EAA PS
SUSAP KSATK4FR30LZ ABRAUN 080UPTEYK4EA0EE   061TF                    30370016    + 02200                                  A PS
SUSAP KSATK4FR30LZ ATROOP 010TROOPK4EA0E  A    IF                                - 06000      18000                       A PS
SUSAP KSATK4FR30LZ ATROOP 020JISDAK4EA0E  B 010TF                    15960068    + 05000                                  A PS
SUSAP KSATK4FR30LZ ATROOP 030WIDUDK4EA0E    010TF                    15990033    + 04000          180                   A-PS
SUSAP KSATK4FR30LZ ATROOP 040HUGUKK4EA0E   R010RF       0022401599   21330021    + 03000                  IQOXI K4EAA PS
SUSAP KSATK4FR30LZ ATROOP 050UPTEYK4EA0EE  R010RF       0022402133   30360035    + 02200                  IQOXI K4EAA PS
SUSAP KSATK4FR30LZ AWENDL 010WENDLK4EA0E  A    IF                                                18000                  A PS
SUSAP KSATK4FR30LZ AWENDL 020HOVOGK4EA0E  B 010TF                    01660098    + 05000                                  A PS
SUSAP KSATK4FR30LZ AWENDL 030UMIYUK4EA0E    010TF                    01660050    + 03500          180                   A-PS
SUSAP KSATK4FR30LZ AWENDL 040ZUBOXK4EA0E   L010RF       0022400166   30370029    + 02700                  IWXOF K4EAA PS
SUSAP KSATK4FR30LZ AWENDL 050UPTEYK4EA0EE   061TF                    30370016    + 02200                                  A PS
SUSAP KSATK4FR30LZ AWIMIN 010WIMINK4EA0E  B    IF                                                18000220               A-PS
SUSAP KSATK4FR30LZ AWIMIN 020ZUBOXK4EA0E    010TF                    30370057    + 02700                                  A PS
SUSAP KSATK4FR30LZ AWIMIN 030UPTEYK4EA0EE   061TF                    30370016    + 02200                                  A PS
SUSAP KSATK4FR30LZ R      020UPTEYK4EA1E  F    IF                                + 02200      18000       RW30L K4PGA PS
SUSAP KSATK4FR30LZ R      020UPTEYK4EA2W                                              A031                               PS
SUSAP KSATK4FR30LZ R      030RW30LK4PG0GY M 031TF                    30360043      00838              -300                A PS
SUSAP KSATK4FR30LZ R      040HASDOK4EA0E M  010TF                    30360135    + 03000                                  A PS
SUSAP KSATK4FR30LZ R      050REUBEK4EA0EY   010TF                    30350071    + 04200                                  A PS
SUSAP KSATK4FR30LZ R      060REUBEK4EA0EE  R   HM                    11280040    + 04200                                  A PS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4GRW30L   0085023036 N29313800W098275599+0400    +021200077800006015OIIIZR1

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4SRW30LK4PG              0   18018004225                                                                  M
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CITY AND STATE	ELEVATION: 809 THRE: 778	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 30L, ORIG 5 MAY 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) 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 (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BENEY	BENEY	010	IAF	IF		FB					
	BENEY	ISEDE	020		TF		FB	1.0	123.9(131.9T)	022.3	BT 0900006000	
	BENEY	JEGBO	030		TF		FB	1.0	123.8(131.8T)	010.7	AA 06000	
	BENEY	ODXUR	040		TF		FB	1.0	123.6(131.6T)	005.9	AA 03500	AB 180
	BENEY	UMIYU	050		RF	L	FB	1.0		004.2	AA 03500	AB 180
	BENEY	ZUBOX	060		RF	L	FB	1.0		002.9	AA 02700	
	BENEY	UPTEY	070		TF		FB	0.6	303.7(311.7T)	001.6	AA 02200	
	BRAUN	BRAUN	010	IAF	IF		FB					
	BRAUN	HUNUV	020		TF		FB	1.0	191.3(199.3T)	014.6	BT 0800006000	
	BRAUN	ITEPE	030		TF		FB	1.0	191.4(199.4T)	005.2	AT 06000	
	BRAUN	HUPAT	040		RF	R	FB	1.0		004.0	AA 04300	
	BRAUN	OWNOL	050		RF	R	FB	1.0		002.6	AA 04300	
	BRAUN	WERVO	060		TF		FB	1.0	267.4(275.4T)	003.5	AA 03200	AB 180
	BRAUN	ZUBOX	070		RF	R	FB	0.7		001.6	AA 02700	
	BRAUN	UPTEY	080		TF		FB	0.6	303.7(311.7T)	001.6	AA 02200	
	TROOP	TROOP	010	IAF	IF		FB				AB 06000	
	TROOP	JISDA	020		TF		FB	1.0	159.6(167.6T)	006.8	AA 05000	
	TROOP	WIDUD	030		TF		FB	1.0	159.9(167.9T)	003.3	AA 04000	AB 180
	TROOP	HUGUK	040		RF	R	FB	1.0		002.1	AA 03000	
	TROOP	UPTEY	050		RF	R	FB	1.0		003.5	AA 02200	
	WENDL	WENDL	010	IAF	IF		FB					
	WENDL	HOVOG	020		TF		FB	1.0	016.6(024.6T)	009.8	AA 05000	
	WENDL	UMIYU	030		TF		FB	1.0	016.6(024.6T)	005.0	AA 03500	AB 180
	WENDL	ZUBOX	040		RF	L	FB	1.0		002.9	AA 02700	
	WENDL	UPTEY	050		TF		FB	0.6	303.7(311.7T)	001.6	AA 02200	
	WIMIN	WIMIN	010		IF		FB					AB 220
	WIMIN	ZUBOX	020		TF		FB	1.0	303.7(311.7T)	005.7	AA 02700	
	WIMIN	UPTEY	030		TF		FB	0.6	303.7(311.7T)	001.6	AA 02200	
		UPTEY	020	FAF	IF		FB				AA 02200	
		RW30L	030	MAP	TF		FO	0.3	303.6(311.6T)	004.3	AT 00838	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HASDO	040		TF		FB	1.0	303.6(311.6T)	013.5	AA 03000	
	REUBE	050		TF		FO	1.0	303.5(311.5T)	007.1	AA 04200	
	REUBE	060		HM	R	FO		112.8(120.8T)	004.0	AA 04200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BENEY	N295019.76	W0985926.02	N2950.329	W09859.434
	BRAUN	N294846.18	W0980347.63	N2948.770	W09803.794
	HASDO	N294036.69	W0983931.18	N2940.612	W09839.520

QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 THRE: 778	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (RNP) Z RWY 30L, ORIG** 5 MAY 2011	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.

HOVOG	N292031.78	W0982438.19	N2920.530	W09824.637
HUGUK	N292858.95	W0982038.13	N2928.983	W09820.636
HUNUV	N293459.28	W0980918.94	N2934.988	W09809.316
HUPAT	N292710.27	W0981420.65	N2927.171	W09814.344
IQOXI	N293027.84	W0982233.87	N2930.464	W09822.565
ISEDE	N293522.88	W0984025.64	N2935.381	W09840.427
ITEPE	N293004.30	W0981117.87	N2930.072	W09811.298
IWXOF	N292601.56	W0982435.09	N2926.026	W09824.585
JEGBO	N292814.37	W0983117.70	N2928.240	W09831.295
JISDA	N293412.44	W0982051.49	N2934.207	W09820.858
ODXUR	N292420.86	W0982617.33	N2924.348	W09826.289
OLUMY	N293144.37	W0981642.12	N2931.740	W09816.702
OWNOL	N292644.97	W0981714.65	N2926.750	W09817.244
REUBE	N294517.74	W0984535.67	N2945.296	W09845.595
TROOP	N294050.30	W0982231.21	N2940.838	W09822.520
UMIYU	N292505.46	W0982215.15	N2925.091	W09822.253
UPTEY	N292847.16	W0982416.21	N2928.786	W09824.270
WENDL	N291136.67	W0982917.73	N2911.611	W09829.296
WERVO	N292704.88	W0982114.73	N2927.081	W09821.246
WIDUD	N293056.15	W0982003.27	N2930.936	W09820.055
WIMIN	N292356.44	W0981803.08	N2923.941	W09818.051
ZAXUD	N292934.58	W0982058.55	N2929.576	W09820.976
ZUBOX	N292742.24	W0982252.79	N2927.704	W09822.880
RW30L	N293138.00	W0982755.99	N2931.633	W09827.933

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW30L	00778	60

QUALITY CHECKED

CITY AND STATE	ELEVATION: 809 THRE: 778	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (RNP) Z RWY 30L, ORIG 5 MAY 2011	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.
SHERMAN/DENISON, TX	NORTH TEXAS RGNL/PERRIN FIELD	5 MAY 2011	ORIG

TAKEOFF MINIMUMS:

RWY 13, 17, 31, 35 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17 - CLIMB HEADING 175.78 TO 1800 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, RISING TERRAIN BEGINNING 48 FT FROM DER, 202 FT LEFT OF CENTERLINE, 745 FT MSL. PLANE ON TXY 521 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/804 FT MSL. TREES BEGINNING 3299 FT FROM DER, 519 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/859 FT MSL.

NOTE: RWY 17, VEHICLE ON ROAD 123 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/784 FT MSL. POLE 1088 FT FROM DER, 740 FT LEFT OF CENTERLINE, 10 FT AGL/779 FT MSL. RIG 3711 FT FROM DER, 821 FT LEFT OF CENTERLINE, 96 FT AGL/861 FT MSL.

NOTE: RWY 31, PLANE ON TXY 605 FT FROM DER, 620 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/854 FT MSL. TREES BEGINNING 1791 FT FROM DER, 445 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/819 FT MSL.

NOTE: RWY 35, PLANE ON TXY 242 FT FROM DER, 440FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/764 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 17 - 2719 FT MSL TOWER 333208.00N/0964955.00W.

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GGG VORTAC	INDOO LOM	263.00 / 36.37	2500
UIM VOR/DME (IAF)	QUAFF/INDOO 15.03 DME (NOPT)	202.99 / 24.04	2500
QUAFF/TYR 15.03 DME (IF)	INDOO LOM	129.15 / 10.17 (TYR)	2000

MISSED APPROACH

ILS: DA
LOC: 4.60 MILES AFTER INDOO LOM OR AT TYR 0.34 DME FIX

CLIMB TO 2200 VIA TYR VOR/DME R-125 TO TROUP/TYR 5.30 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 305.00 INBOUND.
CHART FAS OBST: 629 TREE 322412N/0952713W

1. PT L SIDE OF COURSE 309.15 OUTBOUND 2100 FT WITHIN 10 MILES OF INDOO LOM (IAF)
2.
3. FAC: 129.15 FAF: INDOO LOM DIST FAF TO MAP: 4.60 THLD: 4.60
4. MIN. ALT: INDOO LOM 2000
5. DIST TO THLD FROM OM: 4.60 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 901
6. MIN GS INCPT: 2000 GS ALT AT: - OM: 1993 MM: - IM: -
7. GS ANGLE: 2.87 TCH: 55.0
8. MSA FROM: TY LOM 3100

MAG VAR: 6E EPOCH YEAR: 1985

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 13	739	1/2	200	739	1/2	200	739	1/2	200	739	1/2	200			
S-LOC 13	880	1/2	341	880	1/2	341	880	1/2	341	880	3/4	341			
CIRCLING	960	1	416	1000	1	456	1000	1 1/2	456	1120	2	576			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 13 CAT D VISIBILITY TO 1.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 539 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 13
TYLER, TX	TYLER POUNDS RGNL	I-TYR	ILS OR LOC RWY 13, AMDT 20F 5 MAY 2011	AMDT: 20E DATED 08/18/1994

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GGG   K4011230VTLW N32250391W094451150    N32250391W094451150E0070003201     NARGREGG COUNTY
        SUSAD        TYR   K4011420VDTW N32212112W095241248    N32212112W095241248E0060005400     NARTYLER
        SUSAD        UIM   K4011400VDLW N32524945W095220031    N32524945W095220031E0080005201     NARQUITMAN

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   INDOO K40    C   L N32245569W095281000                    E0032     NAR           INDOO LOM
        SUSAEAENRT   QUAFF K40    R     N32320950W095363886                    E0033     NAR           QUAFF
        SUSAEAENRT   TROUP K40    C     N32175077W095192765                    E0031     NAR           TROUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4ATYR     0     072YHN32211490W095240860E006000544         1800018000C    MNAR    TYLER POUNDS RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4FI13   AGGG   010GGG  K4D 0V       IF                                                18000                0 NS
        SUSAP KTYRK4FI13   AGGG   020TY   K4PN0N       TF                                  + 02500                            0 NS
        SUSAP KTYRK4FI13   AGGG   030TY   K4PN0NE AR    PI TYR K4      31080049264201O0D    + 02100                            0 NS
        SUSAP KTYRK4FI13   AUIM   010UIM  K4D 0V  A    FC UIM K4      00000000203002200    + 02500      18000                 0 NS
        SUSAP KTYRK4FI13   AUIM   020QUAFFK4EA0EE B    CF ITYRK4      30920158201300020PI  + 02500                            0 NS
        SUSAP KTYRK4FI13   I      010QUAFFK4EA0E  I    IF ITYRK4      30920158         PI  J 02500020018000                    0 NS
        SUSAP KTYRK4FI13   I      020INDOOK4EA0E  F    CF ITYRK4      30900056129001O2PI  H 0200001993          -287TY    K4PN0 NS
        SUSAP KTYRK4FI13   I      030RW13 K4PG0GY M    CF ITYRK4      30910010129000 6PI    00571                -287          0 NS
        SUSAP KTYRK4FI13   I      040TROUPK4EA0EYM     CF TYR K4      12500053131000 0D   + 02200                              0 NS
        SUSAP KTYRK4FI13   I      050TROUPK4EA0EE  L   HM                      3050T010   + 02200                              0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4GRW13     0052001291 N32214038W095241949+0500     +013090051600005515OIITYR1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4IITYR1    010990RW13 N32205864W0952330561291N32213180W0952414760751 09010600287E00605500524

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

QUALITY 6 CHK'D

CITY AND STATE	ELEVATION: 544 TDZE: 539	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TYLER, TX	AIRPORT NAME: **TYLER POUNDS RGNL**	**I-TYR**	**ILS OR LOC RWY 13, AMDT 20F** 5 MAY 2011	AMDT: **20E**
				DATED: **08/18/1994**

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.

```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4STY   K4PN              0   18018003125                                                                  M

                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAPNKTYRK4 TY    K4003200HO W N32245569W095281000                    E0060          NARINDOO
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 539	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS RWY 13
TYLER, TX	AIRPORT NAME: TYLER POUNDS RGNL	I-TYR	ILS OR LOC RWY 13, AMDT 20F 5 MAY 2011	AMDT: 20E DATED: 08/18/1994

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GGG	GGG	010		IF		FB					
	GGG	TY	020		TF		FB				AA 02500	
	GGG	TY	030	IAF	PI	R	FB		264.2()	010.0	AA 02100	
	UIM	UIM	010	IAF	FC		FB		203.0()	022.0	AA 02500	
	UIM	QUAFF	020		CF		FB		203.0()	002.0	AA 02500	
		QUAFF	010	FACF	IF		FB				AA 02500 GI 02000	
		INDOO	020	FAF	CF		FB		129.0()	010.2	GI 02000 GS 01993	
		RW13	030	MAP	CF		FO		129.0()	004.6	AT 00571	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TROUP	040		CF		FO		131.0()	006.0	AA 02200	
	TROUP	050		HM	L	FO		305.0()	T01.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GGG	N322503.91	W0944511.50	N3225.065	W09445.192
	TYR	N322121.12	W0952412.48	N3221.352	W09524.208
	UIM	N325249.45	W0952200.31	N3252.824	W09522.005
	INDOO	N322455.69	W0952810.00	N3224.928	W09528.167
	QUAFF	N323209.50	W0953638.86	N3232.158	W09536.648
	TROUP	N321750.77	W0951927.65	N3217.846	W09519.461
	RW13	N322140.38	W0952419.49	N3221.673	W09524.325
	ITYR (LOC)	N322058.64	W0952330.56	N3220.977	W09523.509
	TY	N322455.69	W0952810.00	N3224.928	W09528.167

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00516	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: **544** TDZE: **539**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **ILS RWY 13**
TYLER, TX	AIRPORT NAME: **TYLER POUNDS RGNL**	**I-TYR**	**ILS OR LOC RWY 13, AMDT 20F** 5 MAY 2011	AMDT: **20E**
				DATED: **08/18/1994**

TL 11-09

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
AQXAT (IAF)	IPEME (NOPT) (FB)	128.99 / 5.00	3000
GEVUQ (IAF)	IPEME (NOPT) (FB)	309.07 / 5.00	3000
IPEME (IF/IAF)	UHIZO (FB)	039.03 / 6.63	2000
UHIZO (FAF)	RW04 (MAP) (FO)	039.08 / 4.37	
RW04 (MAP)	834 MSL	039.08	
834 MSL	UJJEK (FB)		
UJJEK	OTTIF (FO)	102.55 / 7.72	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 2500 DIRECT UJJEK AND ON TRACK 102.55 TO OTTIF AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW IPEME, RT, 039.03 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 039.08 FAF: UHIZO DIST FAF TO MAP: 4.37 THLD: 4.37
4. MIN. ALT: IPEME 3000, UHIZO 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: UHIZO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 253.00 INBOUND.
CHART FAS OBST: 617 TREE 322027N/0952506W
CHART FAS OBST: 626 TREE 322038N/0952500W
CHART FAS OBST: 649 PWR LINE 321936N/0952502W
CHART 724 TOWER 321848N/0952858W
DISTANCE TO THLD FROM 293 HAT: 0.76 NM.
WAAS CHANNEL # 40014
REFERENCE PATH ID: W04A
LTP HAE: 138.7 M

MAG VAR: 6E EPOCH YEAR: 1985

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	834	1	293	834	1	293	834	1	293	834	1	293			
LNAV/VNAV DA	941	1 1/2	400	941	1 1/2	400	941	1 1/2	400	941	1 1/2	400			
LNAV MDA	900	1	359	900	1	359	900	1	359	900	1 1/4	359			
CIRCLING	960	1 1/2	416	1000	1 1/2	456	1000	1 1/2	456	1120	2	576			

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT OF RWY 17.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.

QUALITY CHECK

CITY AND STATE	ELEVATION: 544 TDZE: 541	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TYLER, TX	AIRPORT NAME: TYLER POUNDS RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1A 5 MAY 2011	AMDT: 1
				DATED 08/04/2005

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.	309/30 CW 129/30 (NOPT)	IPEME (IF/IAF)	3000
2.	129/30 CW 219/30	AQXAT (IAF)	3000
3.	219/30 CW 309/30	GEVUQ (IAF)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 541	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TYLER, TX	AIRPORT NAME: TYLER POUNDS RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1A 5 MAY 2011	AMDT: 1
				DATED: 08/04/2005

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	KTYR
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	322045.4000N
LTP/FTP LONGITUDE	0952438.4800W
LTP/FTP ELLIPSOIDAL HEIGHT	+01387
FPAP LATITUDE	322148.4000N
FPAP LONGITUDE	0952323.9500W
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	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	11435FF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01649
FPAP ORTHOMETRIC HEIGHT	+01649

QUALITY 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   AQXAT K40    W     N32163092W095375972                    E0033     NAR           AQXAT                    I
        SUSAEAENRT   GEVUQ K40    W     N32092556W095293989                    E0032     NAR           GEVUQ                    I
        SUSAEAENRT   IPEME K40    W     N32125831W095334964                    E0033     NAR           IPEME                    I
        SUSAEAENRT   OTTIF K40    C   L N32204593W095130439                    E0031     NAR           OTTIF                    I
        SUSAEAENRT   UHIZO K40    W     N32174001W095281752                    E0032     NAR           UHIZO                    I
        SUSAEAENRT   UJJEK K40    W     N32231396W095214287                    E0031     NAR           UJJEK                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4ATYR     0     072YHN32211490W095240860E006000544         1800018000C    MNAR    TYLER POUNDS RGNL            I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4FR04   AAQXAT 010AQXATK4EA0E  A    IF                                                18000              A JS   I
        SUSAP KTYRK4FR04   AAQXAT 020IPEMEK4EA0EE B 01 0TF                    12900050    + 03000                          A JS   I
        SUSAP KTYRK4FR04   AGEVUQ 010GEVUQK4EA0E  A    IF                                                18000              A JS   I
        SUSAP KTYRK4FR04   AGEVUQ 020IPEMEK4EA0EE B 01 0TF                    30910050    + 03000                          A JS   I
        SUSAP KTYRK4FR04   AIPEME 010IPEMEK4EA0EE AR   HF                    03900040    + 03000    18000                 A JS   I
        SUSAP KTYRK4FR04   R      010IPEMEK4EA0E  I    IF                                + 03000    18000                 A JS   I
        SUSAP KTYRK4FR04   R      020UHIZOK4EA1E  F 051TF                    03900066    + 02000                          A JS   I
        SUSAP KTYRK4FR04   R      020UHIZOK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS   I
        SUSAP KTYRK4FR04   R      030RW04 K4PGOGY M 031TF                    03910044      00591            -300          A JS   I
        SUSAP KTYRK4FR04   R      040         0  M     CA                    0391        + 00334                          A JS   I
        SUSAP KTYRK4FR04   R      050UJJEKK4EA0E        DF                                                             A JS   I
        SUSAP KTYRK4FR04   R      060OTTIFK4EA0EY   010TF                    1026        + 02500                          A JS   I
        SUSAP KTYRK4FR04   R      070OTTIFK4EA0EE  R   HM                    25300040    + 02500                          A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4GRW04    0072000391 N32204540W095243848-0200    +0138700541000050150R                                        I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 541	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TYLER, TX	AIRPORT NAME: TYLER POUNDS RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1A 5 MAY 2011	AMDT: 1 DATED: 08/04/2005

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTYRK4PR04    RW04 001 0000W04A0N3220454000W09524384800+013870300N3221484000W095232395001067505520005O0F40050011435FF2I
        SUSAP KTYRK4PR04    RW04 002E      +01649+01649LPV       40014                                                           I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 541	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TYLER, TX	AIRPORT NAME: TYLER POUNDS RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1A 5 MAY 2011	AMDT: 1
				DATED: 08/04/2005

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
GGG VORTAC	CHEVY/TYR 5.00 DME	251.17 / 36.89	2500
FZT VOR/DME (IAF)	RFOUR INT/TYR 10.00 DME (NOPT)	357.00 / 8.86	2000
RFOUR INT/TYR 10.00 DME (IF)	CHEVY/TYR 5.00 DME	031.27 / 5.00 (TYR R-211)	2000

MISSED APPROACH

MAP: TYR R-211/1.00 DME FIX

CLIMBING LEFT TURN TO 2200 VIA TYR VOR/DME R-311 TO INDOO INT/4.9 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 649 PWR LINE 321936N/0952502W
CHEVY TO RW04: 3.09/50.
HOLD, NW, RT 131 INBOUND
CHART ASOS FREQUENCY.

1. PT R SIDE OF COURSE 211.27 OUTBOUND 2000 FT WITHIN 10 MILES OF CHEVY (IAF)
2.
3. FAC 031.27 FAF CHEVY/TYR 5.00 DME DIST FAF TO MAP THLD 4.3C
4. MIN. ALT CHEVY 2000
8. MSA FROM: TYR VOR/DME 3100

MAG VAR: 6E EPOCH YEAR: 1985

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-4	900	1	359	900	1	359	900	1	359	900	1 1/4	359			
CIRCLING	960	1	416	1000	1	456	1000	1 1/2	456	1120	2	576			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 544 TDZE: 541 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
TYLER, TX	TYLER POUNDS RGNL	TYR	VOR/DME RWY 4, AMDT 3E 5 MAY 2011	AMDT 3D DATE 05/10/2007

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

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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
COOLI	TWO	COOLI2.COOLI	ONE	20JAN05	05 MAY 2011

TYPE: OBSTACLE RNAV

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB HEADING 035.77 TO 6200, THEN CLIMB TO 12000 (OR ASSIGNED ALTITUDE) DIRECT OKABE AND ON TRACK 035.71 TO EXOWI, THEN ON DEPICTED ROUTE TO COOLI, OR FOR CLIMB IN VISUAL CONDITIONS CROSS THE DEPARTURE END OF RWY 3 NORTHEAST BOUND AT OR ABOVE 8700, THEN CLIMB TO 12000 (OR ASSIGNED ALT) DIRECT OKABE AND ON TRACK 035.71 TO EXOWI, THEN ON DEPICTED ROUTE.

TAKEOFF RWY21: CLIMB IN VISUAL CONDITIONS TO CROSS THE DEPARTURE END OF RWY 3 NORTHEAST BOUND AT OR ABOVE 8700, THEN CLIMB TO 12000 (OR ASSIGNED ALT) DIRECT OKABE, AND ON TRACK 035.71 TO EXOWI, THEN ON DEPICTED ROUTE.

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:
RWY 3: STANDARD WITH MINIMUM CLIMB OF 655 FEET PER NM TO 8700 OR 3200-3 FOR CLIMB IN VISUAL CONDITIONS. CLIMB IN VISUAL CONDITIONS NOT AUTHORIZED AT NIGHT.
RWY 21: 3200-3 FOR CLIMB IN VISUAL CONDITIONS. CLIMB IN VISUAL CONDITIONS NOT AUTHORIZED AT NIGHT.
NOTE: GPS REQUIRED.
NOTE: RNAV 1.
NOTE: DIRECT ENTRY TO V32 SOUTHWEST BOUND FROM COOLI NOT AUTHORIZED.
NOTE: PILOTS ELECTING TO UTILIZE VISUAL CLIMB OVER AIRPORT SHALL VISUALLY ALIGN AIRCRAFT OVER THE DEPARTURE END OF RWY 3 AT OR ABOVE 8700 PRIOR TO COMMENCING THE ROUTE TO COOLI.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 3, TREES, BUSHES, MULTIPLE POLES, BUILDINGS, VEHICLES, TERRAIN, SIGN, FENCE, AND WIND SOCK BEGINNING AT DER, EXTENDING LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/5708 FT MSL
NOTE: RWY 21, TREES, BUSHES, MULTIPLE POLES, TERRAIN AND A FENCE BEGINNING 13 FT FROM DER, 224 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 6411 FT MSL.

CONTROLLING OBSTACLES:

RWY 3: 7639 FT MSL AAO 403230.54N/1112219.83W, 7959 FT MSL AAO 403208.20N/1111800.13W.
RWY 3, 21 (VCOA): 8399 FT MSL AAO 402529.51N/1112328.38W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 3, 21- 13365 FT MSL AAO 404849.20N/1103731.40W, 11689 FT MSL AAO 403322.60N/1113911.40W, 11949 FT MSL AAO 402345.70N/1113838.00W, 10754 FT MSL AAO 402253.00N/1111021.00W, 10805 FT MSL AAO 404043.50N/1110818.80W.

QUALITY

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 statute miles or feet RVR *unless otherwise indicated*. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
COOLI	TWO	COOLI2.COOLI	ONE	20JAN05	05 MAY 2011

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART V32
DME/DME ASSESSMENT: NOT CONDUCTED
REFERENCE MAG VAR: K36U 14E EPOCH YEAR: 00

AIRPORTS SERVED:

HEBER CITY MUNI-RUSS MCDONALD FIELD	HEBER, UT

COMMUNICATIONS:

ZLC, CTAF

FIXES AND/OR NAVAIDS:

ZANGY

REMARKS:



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.
HEBER, UT	HEBER CITY MUNI-RUSS MCDONALD FIELD	05 MAY 2011	2

TAKEOFF MINIMUMS:

TEXTUAL DEPARTURE PROCEDURES:

USE COOLI DEPARTURE.

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY CHECKED

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
PSC VOR/DME	INUDE (FO)	210.56 / 14.82	4200
AMPLE (IAF)	INUDE (NOPT) (FB)	081.38 / 11.81	3400
CORDO (IAF)	INUDE (NOPT) (FB)	315.80 / 17.17	3400
INUDE (IF/IAF)	KADDE (FB)	029.55 / 5.81	2900
KADDE	FOGUT (FB)	029.62 / 2.50	2300
FOGUT (FAF)	TAYON/3.60 NM TO RW03L (FB)	029.65 / 2.09	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03L

CLIMB TO 3200 DIRECT HESOX AND ON TRACK 103.68 TO CITYS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW INUDE, RT, 029.55 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
3. FAC: 029.65 FAF: FOGUT DIST FAF TO MAP: 5.69 THLD: 5.69
4. MIN. ALT: INUDE 3400, KADDE 2900, FOGUT 2300, TAYON/3.60 NM TO RW03L 1600*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: FOGUT 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW03L 4800

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.81 INBOUND.
CHART FAS OBST: 497 TOWER 461458N/1190914W
CHART FAS OBST: 724 OL TWR 461434N/1191045W
769 AAO 461208N/1191118W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.57 MILES TO RW03L*
*LNAV ONLY.
WAAS CHANNEL # 40206
REFERENCE PATH ID: W03A
LTP HAE: 103.2 M

MAG VAR: 16E EPOCH YEAR: 2010

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	660	3/4	250	660	3/4	250	660	3/4	250	660	3/4	250			
LNAV/VNAV DA	829	1 1/2	419	829	1 1/2	419	829	1 1/2	419	829	1 1/2	419			
LNAV MDA	960	1	550	960	1	550	960	1 1/2	550	960	1 3/4	550			
CIRCLING	960	1	550	960	1	550	960	1 1/2	550	1040	2	630			

NOTES:
CHART NOTE: CIRCLING TO RWY 3R NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 3L
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 3L, AMDT 1A	AMDT: 1
			05 MAY 2011	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 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
TAYON/3.60 NM TO RW03L	RW03L (MAP) (FO)	029.67 / 3.60	
RW03L (MAP)	660 MSL	029.67	
660 MSL	HESOX (FB)		
HESOX	CITYS (FO)	103.68 / 12.98	3200

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSC VOR/DME AIRWAY RADIALS 148 CW 269.
CHART NOTE: VDP NA WITH HERMISTON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING; INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/2 MILE AND LNAV/VNAV ALL CATS VISIBILITY AND LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 3L
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 3L, AMDT 1A 05 MAY 2011	AMDT: 1
				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	KPSC
RUNWAY	RW03L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	461521.4445N
LTP/FTP LONGITUDE	1190800.5725W
LTP/FTP ELLIPSOIDAL HEIGHT	+01032
FPAP LATITUDE	461623.6200N
FPAP LONGITUDE	1190628.6100W
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	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	44A9D114

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01249
FPAP ORTHOMETRIC HEIGHT	+01249

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.

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        PSC   K1010840VDLW N46154674W119065658    N46154674W119065658E0200004041     NARPASCO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   AMPLE K10    C   L N46070657W119391436                    E0160    NAR          AMPLE
       SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0158    NAR          CITYS
       SUSAEAENRT   CORDO K10    C   L N45502698W119104496                    E0158    NAR          CORDO
       SUSAEAENRT   FOGUT K10    W     N46112307W119135230                    E0159    NAR          FOGUT
       SUSAEAENRT   HESOX K10    W     N46180884W119035269                    E0159    NAR          HESOX
       SUSAEAENRT   INUDE K10    W     N46053432W119222461                    E0159    NAR          INUDE
       SUSAEAENRT   KADDE K10    W     N46093822W119162661                    E0159    NAR          KADDE
       SUSAEAENRT   TAYON K10    W     N46125062W119114326                    E0159    NAR          TAYON

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1FR03LY AAMPLE 010AMPLEK1EA0E  A    IF                                          18000                A JS
       SUSAP KPSCK1FR03LY AAMPLE 020INUDEK1EA0EE B 010TF                   08140118    + 03400                      A JS
       SUSAP KPSCK1FR03LY ACORDO 010CORDOK1EA0E  A    IF                                          18000                A JS
       SUSAP KPSCK1FR03LY ACORDO 020INUDEK1EA0EE B 010TF                   31580172    + 03400                      A JS
       SUSAP KPSCK1FR03LY APSC   010PSC  K1D 0V       IF                                          18000                A JS
       SUSAP KPSCK1FR03LY APSC   020INUDEK1EA0EY   020TF                 21060148    + 04200                      A JS
       SUSAP KPSCK1FR03LY APSC   030INUDEK1EA0EE AR   HF                02960040    + 03400                      A JS
       SUSAP KPSCK1FR03LY R      010INUDEK1EA0E  I    IF                             + 03400     18000            A JS
       SUSAP KPSCK1FR03LY R      011KADDEK1EA0E S  051TF                 02960058    + 02900                      A JS
       SUSAP KPSCK1FR03LY R      020FOGUTK1EA1E  F 051TF                 02960025    + 02300           RW03LAK1PGA JS
       SUSAP KPSCK1FR03LY R      020FOGUTK1EA2WALPV       ALNAV/VNAV ALNAV                                          JS
       SUSAP KPSCK1FR03LY R      021TAYONK1EA0E S  031TF                 02970021    V 0160001619       -300   A JS
       SUSAP KPSCK1FR03LY R      030RW03LK1PG0GY M 031TF                 02970036      00460            -300   A JS
       SUSAP KPSCK1FR03LY R      040         0  M    CA                 0297        + 00660                      A JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 3L
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 3L, AMDT 1A 05 MAY 2011	AMDT: 1
				DATED: 11/18/2010

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            1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR03LY R      050HESOXK1EA0E       DF                                                                  A JS
        SUSAP KPSCK1FR03LY R      060CITYSK1EA0EY   010TF                    1037        + 03200                            A JS
        SUSAP KPSCK1FR03LY R      070CITYSK1EA0EE  R   HM                    27080040    + 03200                            A JS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1GRW03L   0077110297 N46152144W119080057-0100    +0103200410000050150R

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1PR03LY RW03L001Y0000W03A0N4615214445W11908005725+010320300N4616236200W11906286100106750400000500F40050044A9D114
        SUSAP KPSCK1PR03LY RW03L002E      +01249+01249LPV       40206

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1SRW03LK1PGA              0   18018004825                                                                 M
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 3L
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 3L, AMDT 1A 05 MAY 2011	AMDT: 1
				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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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PSC VOR/DME	HILOB (FO)	300.07 / 13.39	3200
NIALS (IAF)	HILOB (NOPT) (FB)	130.47 / 11.56	3100
BAKCA (IAF)	HILOB (NOPT) (FB)	219.89 / 8.68	3100
PAIDS (IAF)	HILOB (NOPT) (FB)	029.50 / 6.83	3100
HILOB (IF/IAF)	FAXAX (FB)	119.59 / 7.18	2200
FAXAX (FAF)	ZAPOV/2.10 NM TO RW12 (FB)	119.67 / 3.31	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 3200 DIRECT DIVRE AND ON TRACK 087.38 TO CITYS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HILOB, RT, 119.59 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 119.67 FAF: FAXAX DIST FAF TO MAP: 5.41 THLD: 5.41
4. MIN. ALT: HILOB 3100, FAXAX 2200, ZAPOV/2.10 NM TO RW12 1120*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: FAXAX 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.0 34:1 IS CLEAR
8. MSA FROM: RW12 4800

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.81 INBOUND.
CHART FAS OBST: 578 BLDG 461649N/1190902W
CHART FAS OBST: 604 TREE 461705N/1190959W
779 AAO 462111N/1191224W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.28 MILES TO RW12*
*LNAV ONLY.
WAAS CHANNEL # 58006
REFERENCE PATH ID: W12A
LTP HAE: 98.8 M

MAG VAR: 16E EPOCH YEAR: 2010

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	652	3/4	250	652	3/4	250	652	3/4	250	652	3/4	250			
LNAV/VNAV DA	894	1 3/4	492	894	1 3/4	492	894	1 3/4	492	894	1 3/4	492			
LNAV MDA	860	1	458	860	1	458	860	1 1/4	458	860	1 1/2	458			
CIRCLING	880	1	470	880	1	470	900	1 1/2	490	1040	2	630			

NOTES:
CHART NOTE: CIRCLING TO RWY 3R NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 402	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 12, AMDT 1A 05 MAY 2011	AMDT: 1
				DATED 11/18/2010

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZAPOV/2.10 NM TO RW12	RW12 (MAP) (FO)	119.71 / 2.10	
RW12 (MAP)	652 MSL	119.71	
652 MSL	DIVRE (FB)		
DIVRE	CITYS (FO)	087.38 / 12.50	3200

NOTES, (CONT.):
CHART NOTE: VDP NA WITH HERMISTON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/2 MILE AND LNAV/VNAV ALL CATS, LNAV CAT C AND D AND CIRCLING CAT D VISIBILTY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PSC VOR/DME ON V298 EASTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 402 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
PASCO, WA	TRI-CITIES	RNAV	RNAV (GPS) Y RWY 12, AMDT 1A 05 MAY 2011	AMDT: 1 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	KPSC
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	461624.5055N
LTP/FTP LONGITUDE	1190740.6835W
LTP/FTP ELLIPSOIDAL HEIGHT	+00988
FPAP LATITUDE	461520.7100N
FPAP LONGITUDE	1190611.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0400
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9ECC09BA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01205
FPAP ORTHOMETRIC HEIGHT	+01205

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.

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        PSC    K1010840VDLW N46154674W119065658    N46154674W119065658E0200004041     NARPASCO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   BAKCA K10    C   L N46301690W119095887                    E0159     NAR          BAKCA
       SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0158     NAR          CITYS
       SUSAEAENRT   DIVRE K10    W     N46143711W119050982                    E0158     NAR          DIVRE
       SUSAEAENRT   FAXAX K10    W     N46201674W119130760                    E0159     NAR          FAXAX
       SUSAEAENRT   HILOB K10    W     N46252438W119202244                    E0160     NAR          HILOB
       SUSAEAENRT   NIALS K10    C   L N46350291W119293649                    E0160     NAR          NIALS
       SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0160     NAR          PAIDS
       SUSAEAENRT   ZAPOV K10    W     N46175470W119094751                    E0159     NAR          ZAPOV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1FR12-Y ABAKCA 010BAKCAK1EA0E  A    IF                                          18000                A JS
       SUSAP KPSCK1FR12-Y ABAKCA 020HILOBK1EA0EE B 010TF                    21990087    + 03100                      A JS
       SUSAP KPSCK1FR12-Y ANIALS 010NIALSK1EA0E  A    IF                                          18000                A JS
       SUSAP KPSCK1FR12-Y ANIALS 020HILOBK1EA0EE B 010TF                    13050116    + 03100                      A JS
       SUSAP KPSCK1FR12-Y APAIDS 010PAIDSK1EA0E  A    IF                                          18000                A JS
       SUSAP KPSCK1FR12-Y APAIDS 020HILOBK1EA0EE B 010TF                    02950068    + 03100                      A JS
       SUSAP KPSCK1FR12-Y APSC   010PSC  K1D 0V       IF                                          18000                A JS
       SUSAP KPSCK1FR12-Y APSC   020HILOBK1EA0EY   020TF                    30010134    + 03200                      A JS
       SUSAP KPSCK1FR12-Y APSC   030HILOBK1EA0EE AR   HF                    11960040    + 03100                      A JS
       SUSAP KPSCK1FR12-Y R      010HILOBK1EA0E  I    IF                                + 03100     18000            A JS
       SUSAP KPSCK1FR12-Y R      020FAXAXK1EA1E  F 051TF                    11960072    + 02200                RW12 AK1PGA JS
       SUSAP KPSCK1FR12-Y R      020FAXAXK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS
       SUSAP KPSCK1FR12-Y R      021ZAPOVK1EA0E S  031TF                    11970033    V 0112001120        -300         A JS
       SUSAP KPSCK1FR12-Y R      030RW12 K1PG0GY M 031TF                    11970021      00452             -300         A JS
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 402	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 12, AMDT 1A	AMDT: 1
			05 MAY 2011	DATED: 11/18/2010

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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR12-Y R      040         0  M     CA                    1197        + 00652                          A JS
        SUSAP KPSCK1FR12-Y R      050DIVREK1EA0E        DF                                                             A JS
        SUSAP KPSCK1FR12-Y R      060CITYSK1EA0EY   010TF                     0874        + 03200                          A JS
        SUSAP KPSCK1FR12-Y R      070CITYSK1EA0EE  R   HM                    27080040    + 03200                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1GRW12    0077031197 N46162451W119074068+0100    +009880039600005615OR

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1PR12-Y RW12 001Y0000W12A0N4616245055W11907406835+009880300N4615207100W11906110600106750400000560F4005009ECC09BA
        SUSAP KPSCK1PR12-Y RW12 002E      +01205+01205LPV       58006

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1SRW12 K1PGA              0   18018004825                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 402	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 12
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 12, AMDT 1A 05 MAY 2011	AMDT: 1
				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
PSC VOR/DME	RYENS (FO)	028.86 / 14.00	3200
BACUN (IAF)	RYENS (NOPT) (FB)	279.13 / 18.07	3200
WATSY (IAF)	RYENS (NOPT) (FB)	187.64 / 11.91	3200
OLFUS (IAF)	RYENS (NOPT) (FB)	111.73 / 16.11	3200
RYENS (IF/IAF)	JIVDO (FB)	209.91 / 7.65	2400
JIVDO (FAF)	JEROG/2.60 NM TO RW21R (FB)	209.82 / 3.40	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21R

CLIMB TO 5200 DIRECT TUPTE AND ON TRACK 289.78 TO PAIDS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE RYENS, RT, 209.91 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC: 209.82 FAF: JIVDO DIST FAF TO MAP: 6.00 THLD: 6.00
4. MIN. ALT: RYENS 3200, JIVDO 2400, JEROG/2.60 NM TO RW21R 1280*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: JIVDO 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.5 34:1 IS CLEAR
8. MSA FROM: RW21R 4800

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.00 INBOUND.
CHART FAS OBST: 520 TK 461657N/1190609W
CHART FAS OBST: 635 T-L TWR 461730N/1190413W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.52 MILES TO RW21R*
*LNAV ONLY.
WAAS CHANNEL # 40303
REFERENCE PATH ID: W21A
LTP HAE: 100.6 M

MAG VAR: 16E EPOCH YEAR: 2010

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	604	2400	200	604	2400	200	604	2400	200	604	2400	200			
LNAV/VNAV DA	797	4000	393	797	4000	393	797	4000	393	797	4000	393			
LNAV MDA	940	2400	536	940	2400	536	940	5000	536	940	6000	536			
CIRCLING	940	1	530	940	1	530	940	1 1/2	530	1040	2	630			

NOTES:
CHART NOTE: CIRCLING TO RWY 3R NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 404 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 21R
PASCO, WA	TRI-CITIES	RNAV	RNAV (GPS) Y RWY 21R, AMDT 1A	AMDT: 1
			05 MAY 2011	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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEROG/2.60 NM TO RW21R	RW21R (MAP) (FO)	209.77 / 2.60	
RW21R (MAP)	604 MSL	209.77	
604 MSL	TUPTE (FB)		
TUPTE	PAIDS (FO)	289.78	5200

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSC VOR/DME ON V187 SOUTHEAST BOUND AND ON V520 WESTBOUND.
CHART NOTE: VDP NA WITH HERMISTON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE AND LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: WHEN USING HERMISTON ALTIMETER SETTING: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 404 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 21R
PASCO, WA	TRI-CITIES	RNAV	RNAV (GPS) Y RWY 21R, AMDT 1A 05 MAY 2011	AMDT: 1 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	KPSC
RUNWAY	RW21R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	461610.4435N
LTP/FTP LONGITUDE	1190648.1040W
LTP/FTP ELLIPSOIDAL HEIGHT	+01006
FPAP LATITUDE	461521.3800N
FPAP LONGITUDE	1190800.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00054.5
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	40819C63

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01224
FPAP ORTHOMETRIC HEIGHT	+01224

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PSC   K1010840VDLW N46154674W119065658    N46154674W119065658E0200004041     NARPASCO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BACUN K10    C   L N46180322W118290091                    E0157     NAR           BACUN
        SUSAEAENRT   JEROG K10    C     N46175925W119040696                    E0159     NAR           JEROG
        SUSAEAENRT   JIVDO K10    C     N46202161W119003571                    E0158     NAR           JIVDO
        SUSAEAENRT   OLFUS K10    C   L N46353393W119110562                    E0160     NAR           OLFUS
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0160     NAR           PAIDS
        SUSAEAENRT   RYENS K10    C     N46254105W118524004                    E0158     NAR           RYENS
        SUSAEAENRT   TUPTE K10    W     N46124934W119114520                    E0159     NAR           TUPTE
        SUSAEAENRT   WATSY K10    C   L N46363550W118454589                    E0159     NAR           WATSY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0      077YHN46155290W119070850E016000410          1800018000C    MNAR    TRI-CITIES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR21RY ABACUN 010BACUNK1EA0E  A    IF                                          18000                A JS
        SUSAP KPSCK1FR21RY ABACUN 020RYENSK1EA0EE B 010TF                    27910181    + 03200                      A JS
        SUSAP KPSCK1FR21RY AOLFUS 010OLFUSK1EA0E  A    IF                                          18000                A JS
        SUSAP KPSCK1FR21RY AOLFUS 020RYENSK1EA0EE B 010TF                    11170161    + 03200                      A JS
        SUSAP KPSCK1FR21RY APSC   010PSC  K1D 0V      IF                                          18000                A JS
        SUSAP KPSCK1FR21RY APSC   020RYENSK1EA0EY   020TF                   02890140    + 03200                      A JS
        SUSAP KPSCK1FR21RY APSC   030RYENSK1EA0EE AR   HF                  20990040    + 03200                      A JS
        SUSAP KPSCK1FR21RY AWATSY 010WATSYK1EA0E  A    IF                                          18000                A JS
        SUSAP KPSCK1FR21RY AWATSY 020RYENSK1EA0EE B 010TF                    18760119    + 03200                      A JS
        SUSAP KPSCK1FR21RY R      010RYENSK1EA0E  I    IF                                + 03200     18000            A JS
        SUSAP KPSCK1FR21RY R      020JIVDOK1EA1E  F 051TF                   20990077    + 02400                RW21RAK1PGA JS
        SUSAP KPSCK1FR21RY R      020JIVDOK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KPSCK1FR21RY R      021JEROGK1EA0E S  031TF                   20980034    V 0128001291      -300          A JS
        SUSAP KPSCK1FR21RY R      030RW21RK1PGOGY M 031TF                   20980026      00456           -300          A JS
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QUALITY A CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 404	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 21R
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 21R, AMDT 1A	AMDT: 1
			05 MAY 2011	DATED: 11/18/2010

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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR21RY R      040         0  M     CA                    2098        + 00604                          A JS
        SUSAP KPSCK1FR21RY R      050TUPTEK1EA0E        DF                                                             A JS
        SUSAP KPSCK1FR21RY R      060PAIDSK1EA0EY   010TF                     2898        + 05200                          A JS
        SUSAP KPSCK1FR21RY R      070PAIDSK1EA0EE  R   HM                     09300050    + 05200                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1GRW21R   0077112097 N46161044W119064810+0100    +01006004020600551501

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1PR21RY RW21R001Y0000W21A0N4616104435W1190648104O+010060300N4615213800W1190800660010675000000054 5F40035040819C63
        SUSAP KPSCK1PR21RY RW21R002E      +01224+01224LPV       40303

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1SRW21RK1PGA              0   18018004825                                                              M
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QUALITY CHECK

CITY AND STATE	ELEVATION: 410 TDZE: 404	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 21R
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 21R, AMDT 1A 05 MAY 2011	AMDT: 1
				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
PSC VOR/DME	IHAYO (FO)	119.39 / 11.84	3300
AMPLE	EYORY (FB)	080.57 / 27.40	4200
BACUN	CITYS (FB)	227.96 / 14.41	3400
PDT VORTAC (IAF)	IHAYO (NOPT) (FB)	346.08 / 25.46	3300
CITYS (IAF)	IHAYO (NOPT) (FB)	213.52 / 6.71	3300
EYORY (IAF)	IHAYO (NOPT) (FB)	029.84 / 5.00	3300
IHAYO (IF/IAF)	ACWEW (FB)	299.90 / 6.01	2200
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 5200 DIRECT DOPVE AND ON TRACK 268.61 TO PAIDS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE IHAYO, RT, 299.90 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
3. FAC: 299.82 FAF: ACWEW DIST FAF TO MAP: 5.40 THLD: 5.40
4. MIN. ALT: IHAYO 3300, ACWEW 2200, PASBE/3.00 NM TO RW30 1400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: ACWEW 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM: RW30 4800

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 093.00 INBOUND.
CHART FAS OBST: 530 TOWER 461519N/1190455W
CHART FAS OBST: 535 TOWER 461534N/1190551W
CHART 755 T-L TWR 461207N/1190245W.
DISTANCE TO THLD FROM 250 HAT: 0.62 NM.
CHART VDP AT 1.21 MILES TO RW30*
*LNAV ONLY.
WAAS CHANNEL # 86605
REFERENCE PATH ID: W30A
639 AAO 461343N/1190224W
LTP HAE: 100.8 M

MAG VAR: 16E EPOCH YEAR: 2010

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	655	3/4	250	655	3/4	250	655	3/4	250	655	3/4	250			
LNAV/VNAV DA	850	1 1/2	445	850	1 1/2	445	850	1 1/2	445	850	1 1/2	445			
LNAV MDA	840	3/4	435	840	3/4	435	840	1 1/4	435	840	1 1/2	435			
CIRCLING	880	1	470	880	1	470	900	1 1/2	490	1040	2	630			

NOTES:
CHART NOTE: CIRCLING TO RWY 3R NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CAT C.
CHART NOTE: BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 405	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 30, AMDT 2A 05 MAY 2011	AMDT: 2
				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 airport 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
ACWEW	PASBE/3.00 NM TO RW30 (FB)	299.83 / 2.40	
PASBE/3.00 NM TO RW30	RW30 (MAP) (FO)	299.80 / 3.00	
RW30 (MAP)	655 MSL	299.80	
655 MSL	DOPVE (FB)		
DOPVE	PAIDS (FO)	268.61 / 13.22	5200

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PDT VORTAC AIRWAY RADIALS 005 CW 029.
CHART NOTE: VDP NA WITH HERMISTON ALTIMETER SETTING.
CHART NOTE: WHEN USING HERMISTON ALTIMETER SETTING; INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CAT C.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE AND LNAV CATS C AND D, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 410 TDZE: 405 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
PASCO, WA	TRI-CITIES	RNAV	RNAV (GPS) Y RWY 30, AMDT 2A 05 MAY 2011	AMDT: 2 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	KPSC
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	461531.4600N
LTP/FTP LONGITUDE	1190626.1580W
LTP/FTP ELLIPSOIDAL HEIGHT	+01008
FPAP LATITUDE	461635.2600N
FPAP LONGITUDE	1190755.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0464
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1EBC92DF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01225
FPAP ORTHOMETRIC HEIGHT	+01225

A

CITY AND STATE	ELEVATION: 410 TDZE: 405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 30, AMDT 2A 05 MAY 2011	AMDT: 2
				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.

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        PDT   K1011470VTHA N45415431W118561933    N45415431W118561933E0200015592     NARPENDLETON
        SUSAD        PSC   K1010840VDLW N46154674W119065658    N46154674W119065658E0200004041     NARPASCO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACWEW K10    W     N46113948W119010103                    E0158    NAR          ACWEW
        SUSAEAENRT   AMPLE K10    C   L N46070657W119391436                    E0160    NAR          AMPLE
        SUSAEAENRT   BACUN K10    C   L N46180322W118290091                    E0157    NAR          BACUN
        SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0158    NAR          CITYS
        SUSAEAENRT   DOPVE K10    W     N46171882W119085712                    E0159    NAR          DOPVE
        SUSAEAENRT   EYORY K10    W     N46035175W119000891                    E0158    NAR          EYORY
        SUSAEAENRT   IHAYO K10    W     N46072058W118545950                    E0158    NAR          IHAYO
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0160    NAR          PAIDS
        SUSAEAENRT   PASBE K10    W     N46132251W119032529                    E0158    NAR          PASBE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR30-Y AAMPLE 010AMPLEK1EA0E       IF                                                18000              A JS
        SUSAP KPSCK1FR30-Y AAMPLE 020EYORYK1EA0E  A 020TF                    08060274    + 04200                          A JS
        SUSAP KPSCK1FR30-Y AAMPLE 030IHAYOK1EA0EE B 010TF                    02980050    + 03300                          A JS
        SUSAP KPSCK1FR30-Y ABACUN 010BACUNK1EA0E       IF                                                18000              A JS
        SUSAP KPSCK1FR30-Y ABACUN 020CITYSK1EA0E  A 020TF                    22800144    + 03400                          A JS
        SUSAP KPSCK1FR30-Y ABACUN 030IHAYOK1EA0EE B 010TF                    21350067    + 03300                          A JS
        SUSAP KPSCK1FR30-Y APDT   010PDT  K1D 0V  A    IF                                                18000              A JS
        SUSAP KPSCK1FR30-Y APDT   020IHAYOK1EA0EE B 010TF                    34610255    + 03300                          A JS
        SUSAP KPSCK1FR30-Y APSC   010PSC  K1D 0V       IF                                                18000              A JS
        SUSAP KPSCK1FR30-Y APSC   020IHAYOK1EA0EY   020TF                    11940118    + 03300                          A JS
        SUSAP KPSCK1FR30-Y APSC   030IHAYOK1EA0EE AR   HF                    29990040    + 03300                          A JS
        SUSAP KPSCK1FR30-Y R      010IHAYOK1EA0E  I    IF                                + 03300    18000                 A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 30, AMDT 2A 05 MAY 2011	AMDT: 2
				DATED: 11/18/2010

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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR30-Y R      020ACWEWK1EA1E  F 051TF                   29990060    + 02200                RW30 AK1PGA JS
        SUSAP KPSCK1FR30-Y R      020ACWEWK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KPSCK1FR30-Y R      021PASBEK1EA0E S  031TF                   29980024    V 0140001411       -300          A JS
        SUSAP KPSCK1FR30-Y R      030RW30 K1PG0GY M 031TF                   29980030      00456            -300          A JS
        SUSAP KPSCK1FR30-Y R      040         0  M     CA                   2998        + 00655                          A JS
        SUSAP KPSCK1FR30-Y R      050DOPVEK1EA0E       DF                                                              A JS
        SUSAP KPSCK1FR30-Y R      060PAIDSK1EA0EY   010TF                   2686        + 05200                          A JS
        SUSAP KPSCK1FR30-Y R      070PAIDSK1EA0EE  R   HM                   09300050    + 05200                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1GRW30    0077032998 N46153146W119062616-0100    +0100800402020054150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1PR30-Y RW30 001Y0000W30A0N4615314600W11906261580+010080300N4616352600W11907557800106750464000540F4005001EBC92DF
        SUSAP KPSCK1PR30-Y RW30 002E      +01225+01225LPV       86605

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1SRW30 K1PGA             0   18018004825                                                              M
```

QUALITY
4
CHECKED

CITY AND STATE	ELEVATION: 410 TDZE: 405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (GPS) Y RWY 30, AMDT 2A 05 MAY 2011	AMDT: 2
				DATED: 11/18/2010

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
AMPLE (IAF)	OPPAV (TF) (FB) (RNP 1.00)	072.66 / 13.57	3400
OPPAV (IF)	KADDE (TF) (FB) (RNP 0.60)	029.60 / 3.20	2900
KADDE	KUMKE (TF) (FB) (RNP 0.40)	029.62 / 2.72	2200
CITYS (IAF)	EVVOR (TF) (FB) (RNP 1.00)	238.57 / 14.24	3700
EVVOR (IF)	ZOGOL (TF) (FB) (RNP 1.00)	238.33 / 2.00	3700
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3200 ON TRACK 029.73 TO ZOGEN AND RIGHT TURN TO IDUSY AND ON TRACK 142.45 TO CITYS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 270.81 INBOUND.
CHART FAS OBST: 497 TOWER 461458N/1190914W
DISTANCE TO THLD FROM 319 HATH: 0.84 NM.
ROUTE TYPE: A,R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 459.8 MSL (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KUMKE
3. FAC: 029.65 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 5.46 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: KUMKE 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW03L 4900

MAG VAR: 16E EPOCH YEAR: 2010

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 0.11 DA	729	1	319	729	1	319	729	1	319	729	1	319			
RNP 0.30 DA	849	1 1/2	439	849	1 1/2	439	849	1 1/2	439	849	1 1/2	439			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: RF REQUIRED.
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT HUGET : MAX 180 KIAS.
(SEE FORM 8260-10)

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 410 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	TRI-CITIES	RNAV	RNAV (RNP) Z RWY 3L, ORIG 05 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WATSY (IAF)	CUTAS (TF) (FB) (RNP 1.00)	192.52 / 22.04	3700
CUTAS (IF)	HIDLI (TF) (FB) (RNP 1.00)	192.95 / 9.75	3700
HIDLI	ZOGOL (RF) (FB) (RNP 0.50)	(2.80 NM RADIUS CW (XIKXA))/2.22	3700
ZOGOL	JUTAM (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CW (XEGOW))/4.20	2800
CORDO (IAF)	ONSEW (TF) (FB) (RNP 1.00)	336.29 / 13.10	3400
ONSEW (IF)	HEROG (TF) (FB) (RNP 0.50)	334.66 / 3.60	3400
HEROG	JUTAM (TF) (FB) (RNP 0.50)	334.65 / 2.40	2800
JUTAM	KUMKE (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CW (XEGOW))/2.40	2200
NIALS (IAF)	PAIDS (TF) (FB) (RNP 1.00)	158.00 / 14.51	3100
PAIDS (IF)	HUGET (TF) (FB) (RNP 1.00)	129.87 / 10.52	3100
HUGET	KUMKE (RF) (FB) (RNP 0.50)	(2.40 NM RADIUS CCW (XIQQU))/4.20	2200
KUMKE (FAF)	RW03L (MAP) (TF) (FO)	029.65 / 5.46	
RW03L (MAP)	ZOGEN (TF) (FB) (RNP 1.00)	029.73 / 6.02	
ZOGEN	IDUSY (RF) (FB) (RNP 1.00)	(4.50 NM RADIUS CW (XUYTU)) / 8.86	
IDUSY	CITYS (TF) (FO) (RNP 1.00)	142.45 / 6.75	3200

NOTES, (CONT.):

CHART PLANVIEW NOTE AT ZOGOL : MAX 180 KIAS.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 3L, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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CHART PLANVIEW NOTE AT HIDLI : MAX 180 KIAS.
CHART PLANVIEW NOTE AT JUTAM : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMPLE ON V4 WESTBOUND AND V520 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V357 NORTHWEST BOUND AND V204 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CORDO ON V4 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS ON V187 NORTHWEST BOUND.
CHART PLANVIEW NOTE AT AMPLE: (RNP 0.40).
CHART PLANVIEW NOTE AT CITYS: (RNP 0.50).
CHART PLANVIEW NOTE AT WATSY: (RNP 0.50).
CHART PLANVIEW NOTE AT CORDO: (RNP 0.50).
CHART PLANVIEW NOTE AT NIALS: (RNP 0.50).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 3L, ORIG** 05 MAY 2011	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 (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMPLE K10    C   L N46070657W119391436                    E0158     NAR           AMPLE
        SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0156     NAR           CITYS
        SUSAEAENRT   CORDO K10    C   L N45502698W119104496                    E0156     NAR           CORDO
        SUSAEAENRT   CUTAS K10    W     N46171314W119005603                    E0157     NAR           CUTAS
        SUSAEAENRT   EVVOR K10    W     N46075328W119072311                    E0157     NAR           EVVOR
        SUSAEAENRT   HEROG K10    W     N46065873W119140685                    E0157     NAR           HEROG
        SUSAEAENRT   HIDLI K10    W     N46084138W119074307                    E0157     NAR           HIDLI
        SUSAEAENRT   HUGET K10    W     N46115478W119185525                    E0158     NAR           HUGET
        SUSAEAENRT   IDUSY K10    W     N46175908W118511333                    E0157     NAR           IDUSY
        SUSAEAENRT   JUTAM K10    W     N46092077W119144051                    E0157     NAR           JUTAM
        SUSAEAENRT   KADDE K10    W     N46093822W119162661                    E0157     NAR           KADDE
        SUSAEAENRT   KUMKE K10    W     N46113247W119133846                    E0157     NAR           KUMKE
        SUSAEAENRT   NIALS K10    C   L N46350291W119293649                    E0159     NAR           NIALS
        SUSAEAENRT   ONSEW K10    W     N46032566W119131644                    E0157     NAR           ONSEW
        SUSAEAENRT   OPPAV K10    W     N46072396W119194395                    E0157     NAR           OPPAV
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0158     NAR           PAIDS
        SUSAEAENRT   WATSY K10    C   L N46363550W118454589                    E0157     NAR           WATSY
        SUSAEAENRT   XEGOW K10    W     N46094521W119110761                    E0157     NAR           CNF(XEGOW)
        SUSAEAENRT   XIKXA K10    W     N46100252W119111467                    E0157     NAR           CNF(XIKXA)
        SUSAEAENRT   XIQQU K10    W     N46131538W119160344                    E0157     NAR           CNF(XIQQU)
        SUSAEAENRT   XUYTU K10    W     N46162007W118571551                    E0157     NAR           CNF(XUYTU)
        SUSAEAENRT   ZOGEN K10    W     N46193338W119014728                    E0157     NAR           ZOGEN
        SUSAEAENRT   ZOGOL K10    W     N46072085W119100922                    E0157     NAR           ZOGOL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR03LZ AAMPLE 010AMPLEK1EA0E  A    IF                                          18000                A PS
        SUSAP KPSCK1FR03LZ AAMPLE 020OPPAVK1EA0E  B 010TF                    07270136    + 03400                      A PS
        SUSAP KPSCK1FR03LZ AAMPLE 030KADDEK1EA0E    061TF                    02960032    + 02900                      A PS
        SUSAP KPSCK1FR03LZ AAMPLE 040KUMKEK1EA0EE   041TF                    02960027    + 02200                      A PS
        SUSAP KPSCK1FR03LZ ACITYS 010CITYSK1EA0E  A    IF                                          18000                A PS
        SUSAP KPSCK1FR03LZ ACITYS 020EVVORK1EA0E  B 010TF                    23860142    + 03700                      A PS
        SUSAP KPSCK1FR03LZ ACITYS 030ZOGOLK1EA0E    010TF                    23830020    + 03700        180           A-PS
        SUSAP KPSCK1FR03LZ ACITYS 040JUTAMK1EA0E  R051RF       0025002383    33470042    + 02800        180  XEGOW K1EAA-PS
        SUSAP KPSCK1FR03LZ ACITYS 050KUMKEK1EA0EE R051RF       0025003347    02970024    + 02200             XEGOW K1EAA PS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 3L, ORIG** 05 MAY 2011	AMDT: **NONE**
				DATED:

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```
SUSAP KPSCK1FR03LZ ACORDO 010CORDOK1EA0E  A    IF                                                  18000                A PS
SUSAP KPSCK1FR03LZ ACORDO 020ONSEWK1EA0E  B 010TF                    33630131    + 03400                                 A PS
SUSAP KPSCK1FR03LZ ACORDO 030HEROGK1EA0E    051TF                    33470036    + 03400                                 A PS
SUSAP KPSCK1FR03LZ ACORDO 040JUTAMK1EA0E    051TF                    33470024    + 02800          180                    A-PS
SUSAP KPSCK1FR03LZ ACORDO 050KUMKEK1EA0EE  R051RF       0025003347    02970024    + 02200                    XEGOW K1EAA PS
SUSAP KPSCK1FR03LZ ANIALS 010NIALSK1EA0E  A    IF                                                  18000                A PS
SUSAP KPSCK1FR03LZ ANIALS 020PAIDSK1EA0E  B 010TF                    15800145    + 03100                                 A PS
SUSAP KPSCK1FR03LZ ANIALS 030HUGETK1EA0E    010TF                    12990105    + 03100          180                    A-PS
SUSAP KPSCK1FR03LZ ANIALS 040KUMKEK1EA0EE  L051RF       0024001299    02970042    + 02200                    XIQQU K1EAA PS
SUSAP KPSCK1FR03LZ AWATSY 010WATSYK1EA0E  A    IF                                                  18000                A PS
SUSAP KPSCK1FR03LZ AWATSY 020CUTASK1EA0E  B 010TF                    19250220    + 03700                                 A PS
SUSAP KPSCK1FR03LZ AWATSY 030HIDLIK1EA0E    010TF                    19300098    + 03700          180                    A-PS
SUSAP KPSCK1FR03LZ AWATSY 040ZOGOLK1EA0E   R051RF       0028001930    23830022    + 03700          180    XIKXA K1EAA-PS
SUSAP KPSCK1FR03LZ AWATSY 050JUTAMK1EA0E   R051RF       0025002383    33470042    + 02800          180    XEGOW K1EAA-PS
SUSAP KPSCK1FR03LZ AWATSY 060KUMKEK1EA0EE  R051RF       0025003347    02970024    + 02200                    XEGOW K1EAA PS
SUSAP KPSCK1FR03LZ R      020KUMKEK1EA1E  F    IF                                  + 02200    18000           RW03LBK1PGA PS
SUSAP KPSCK1FR03LZ R      020KUMKEK1EA2W                                                A031A112                        PS
SUSAP KPSCK1FR03LZ R      030RW03LK1PG0GY M 031TF                    02970055      00460                -300              A PS
SUSAP KPSCK1FR03LZ R      040ZOGENK1EA0E M  010TF                    02970060                                            A PS
SUSAP KPSCK1FR03LZ R      050IDUSYK1EA0E   R010RF       0045000297    14250089                                 XUYTU K1EAA PS
SUSAP KPSCK1FR03LZ R      060CITYSK1EA0EY   010TF                    14250068    + 03200                                 A PS
SUSAP KPSCK1FR03LZ R      070CITYSK1EA0EE  R020HM                     27080040    + 03200                                 A PS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1GRW03L   0077110297 N46152144W119080057-0100    +01032004100000501S0R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1SRW03LK1PGB              0   18018004925                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 3L, ORIG 05 MAY 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) 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 (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	AMPLE	AMPLE	010	IAF	IF		FB					
	AMPLE	OPPAV	020		TF		FB	1.0	072.7(088.7T)	013.6	AA 03400	
	AMPLE	KADDE	030		TF		FB	0.6	029.6(045.6T)	003.2	AA 02900	
	AMPLE	KUMKE	040		TF		FB	0.4	029.6(045.6T)	002.7	AA 02200	
	CITYS	CITYS	010	IAF	IF		FB					
	CITYS	EVVOR	020		TF		FB	1.0	238.6(254.6T)	014.2	AA 03700	
	CITYS	ZOGOL	030		TF		FB	1.0	238.3(254.3T)	002.0	AA 03700	AB 180
	CITYS	JUTAM	040		RF	R	FB	0.5		004.2	AA 02800	AB 180
	CITYS	KUMKE	050		RF	R	FB	0.5		002.4	AA 02200	
	CORDO	CORDO	010	IAF	IF		FB					
	CORDO	ONSEW	020		TF		FB	1.0	336.3(352.3T)	013.1	AA 03400	
	CORDO	HEROG	030		TF		FB	0.5	334.7(350.7T)	003.6	AA 03400	
	CORDO	JUTAM	040		TF		FB	0.5	334.7(350.7T)	002.4	AA 02800	AB 180
	CORDO	KUMKE	050		RF	R	FB	0.5		002.4	AA 02200	
	NIALS	NIALS	010	IAF	IF		FB					
	NIALS	PAIDS	020		TF		FB	1.0	158.0(174.0T)	014.5	AA 03100	
	NIALS	HUGET	030		TF		FB	1.0	129.9(145.9T)	010.5	AA 03100	AB 180
	NIALS	KUMKE	040		RF	L	FB	0.5		004.2	AA 02200	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	CUTAS	020		TF		FB	1.0	192.5(208.5T)	022.0	AA 03700	
	WATSY	HIDLI	030		TF		FB	1.0	193.0(209.0T)	009.8	AA 03700	AB 180
	WATSY	ZOGOL	040		RF	R	FB	0.5		002.2	AA 03700	AB 180
	WATSY	JUTAM	050		RF	R	FB	0.5		004.2	AA 02800	AB 180
	WATSY	KUMKE	060		RF	R	FB	0.5		002.4	AA 02200	
		KUMKE	020	FAF	IF		FB				AA 02200	
		RW03L	030	MAP	TF		FO	0.3	029.7(045.7T)	005.5	AT 00460	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZOGEN	040		TF		FB	1.0	029.7(045.7T)	006.0		
	IDUSY	050		RF	R	FB	1.0		008.9		
	CITYS	060		TF		FO	1.0	142.5(158.5T)	006.8	AA 03200	
	CITYS	070		HM	R	FO	2.0	270.8(286.8T)	004.0	AA 03200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMPLE	N460706.57	W1193914.36	N4607.110	W11939.239
	CITYS	N461142.26	W1184739.03	N4611.704	W11847.651
	CORDO	N455026.98	W1191044.96	N4550.450	W11910.749
	CUTAS	N461713.14	W1190056.03	N4617.219	W11900.934
	EVVOR	N460753.28	W1190723.11	N4607.888	W11907.385
	HEROG	N460658.73	W1191406.85	N4606.979	W11914.114



CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 3L, ORIG** 05 MAY 2011	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.

HIDLI	N460841.38	W1190743.07	N4608.690	W11907.718
HUGET	N461154.78	W1191855.25	N4611.913	W11918.921
IDUSY	N461759.08	W1185113.33	N4617.985	W11851.222
JUTAM	N460920.77	W1191440.51	N4609.346	W11914.675
KADDE	N460938.22	W1191626.61	N4609.637	W11916.444
KUMKE	N461132.47	W1191338.46	N4611.541	W11913.641
NIALS	N463502.91	W1192936.49	N4635.049	W11929.608
ONSEW	N460325.66	W1191316.44	N4603.428	W11913.274
OPPAV	N460723.96	W1191943.95	N4607.399	W11919.733
PAIDS	N462037.37	W1192725.12	N4620.623	W11927.419
WATSY	N463635.50	W1184545.89	N4636.592	W11845.765
XEGOW	N460945.21	W1191107.61	N4609.754	W11911.127
XIKXA	N461002.52	W1191114.67	N4610.042	W11911.245
XIQQU	N461315.38	W1191603.44	N4613.256	W11916.057
XUYTU	N461620.07	W1185715.51	N4616.335	W11857.259
ZOGEN	N461933.38	W1190147.28	N4619.556	W11901.788
ZOGOL	N460720.85	W1191009.22	N4607.348	W11910.154
RW03L	N461521.44	W1190800.57	N4615.357	W11908.010

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW03L	00410	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 410	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 3L, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

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
WATSY (IAF)	CULRI (TF) (FB) (RNP 1.00)	218.25 / 18.19	4000
PAIDS (IAF)	YIZED (TF) (FB) (RNP 1.00)	072.09 / 7.52	2800
NIALS (IAF)	HILOB (TF) (FB) (RNP 1.00)	130.47 / 11.56	3100
CITYS (IAF)	HUKAK (TF) (FB) (RNP 0.50)	295.14 / 15.89	3200
GINLE (IAF)	MOJUY (TF) (FB) (RNP 0.50)	351.49 / 10.47	3000
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 3200 ON TRACK 119.73 TO JIGPI AND LEFT TURN TO ZEGRU AND ON TRACK 66.90 TO CITYS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WEDAV
3. FAC: 119.69 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WEDAV 1900
5. DIST TO THLD FROM OM: 4.55 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: WEDAV 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 4900

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 270.81 INBOUND.
CHART FAS OBST: 584 TREE 461647N/1190907W
CHART 574 TREE 461644N/1190829W.
DISTANCE TO THLD FROM 411 HATH: 1.11 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER1: P
ROUTE TYPE QUALIFIER2: S
#TCH 451.5 (DO NOT CHART)

MAG VAR: 16E EPOCH YEAR: 2010

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 0.11 DA	807	1 3/8	411	807	1 3/8	411	807	1 3/8	411	807	1 3/8	411			
RNP 0.30 DA	895	1 5/8	499	895	1 5/8	499	895	1 5/8	499	895	1 5/8	499			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: GPS REQUIRED.
CHART NOTE: RF REQUIRED.
CHART PLANVIEW NOTE AT JUMAT : MAX 180 KIAS.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 396 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	TRI-CITIES	RNAV	RNAV (RNP) Z RWY 12, ORIG 05 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MOJUY (IF)	OTAVY (TF) (FB) (RNP 0.50)	323.88 / 11.25	2500
OTAVY	WEDAV (RF) (FB) (RNP 0.50)	(2.60 NM RADIUS CCW (IZFEV))/9.26	1900
HUKAK (IF)	WIDAK (TF) (FB) (RNP 0.50)	294.94 / 2.00	2500
WIDAK	WEDAV (RF) (FB) (RNP 0.50)	(2.60 NM RADIUS CCW (IZFEV))/7.95	1900
CULRI (IF)	JUMAT (TF) (FB) (RNP 1.00)	217.99 / 4.00	3000
JUMAT	WEDAV (RF) (FB) (RNP 0.50)	(2.60 NM RADIUS CCW (IZFEV))/4.46	1900
YIZED (IF)	WEDAV (RF) (FB) (RNP 0.50)	(4.00 NM RADIUS CW (ZISOX))/3.31	1900
HILOB (IF)	WEDAV (TF) (FB) (RNP 0.50)	119.59 / 8.04	1900
WEDAV (FAF)	RW12 (MAP) (TF) (FO)	119.69 / 4.55	
RW12 (MAP)	JIGPI (TF) (FB) (RNP 1.00)	119.73 / 5.77	
JIGPI (TF)	ZEGRU (RF) (FB) (RNP 1.00)	(4.50 NM RADIUS CCW (UHOPO)) / 4.15	
ZEGRU (RF)	CITYS (TF) (FO) (RNP 1.00)	066.90 / 6.15	3200

NOTES, (CONT.):

CHART PLANVIEW NOTE AT OTAVY : MAX 180 KIAS.
CHART PLANVIEW NOTE AT WIDAK : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GINLE ON V298 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V357 NORTHWEST BOUND, AND ARRIVALS ON V204 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS ON V187 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAIDS ON V204 WESTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 396	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 12, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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CHART PLANVIEW NOTE AT GINLE: (RNP 0.50).
CHART PLANVIEW NOTE AT WATSY: (RNP 0.50).
CHART PLANVIEW NOTE AT CITYS: (RNP 0.50).
CHART PLANVIEW NOTE AT PAIDS: (RNP 0.50).
CHART PLANVIEW NOTE AT NAILS: (RNP 0.50).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 396	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 12, ORIG 05 MAY 2011	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 (RNP)

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WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CITYS K10    C   L N46114226W118473903                E0156     NAR           CITYS
        SUSAEAENRT   CULRI K10    W     N46255589W119070668                E0158     NAR           CULRI
        SUSAEAENRT   GINLE K10    C   L N46012643W119022531                E0156     NAR           GINLE
        SUSAEAENRT   HILOB K10    W     N46252438W119202244                E0158     NAR           HILOB
        SUSAEAENRT   HUKAK K10    W     N46220800W119045587                E0157     NAR           HUKAK
        SUSAEAENRT   IZFEV K10    W     N46212873W119093439                E0158     NAR           CNF(IZFEV)
        SUSAEAENRT   JIGPI K10    W     N46121652W119015287                E0157     NAR           JIGPI
        SUSAEAENRT   JUMAT K10    W     N46233473W119114715                E0158     NAR           JUMAT
        SUSAEAENRT   MOJUY K10    C     N46114879W119002754                E0157     NAR           MOJUY
        SUSAEAENRT   NIALS K10    C   L N46350291W119293649                E0159     NAR           NIALS
        SUSAEAENRT   OTAVY K10    W     N46222252W119060295                E0157     NAR           OTAVY
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                E0158     NAR           PAIDS
        SUSAEAENRT   UHOPO K10    W     N46152483W118571423                E0157     NAR           CNF(UHOPO)
        SUSAEAENRT   WATSY K10    C   L N46363550W118454589                E0157     NAR           WATSY
        SUSAEAENRT   WEDAV K10    W     N46193981W119121553                E0158     NAR           WEDAV
        SUSAEAENRT   WIDAK K10    W     N46232658W119070683                E0158     NAR           WIDAK
        SUSAEAENRT   YIZED K10    W     N46205191W119163405                E0158     NAR           YIZED
        SUSAEAENRT   ZEGRU K10    W     N46105700W118562615                E0157     NAR           ZEGRU
        SUSAEAENRT   ZISOX K10    W     N46165211W119162310                E0158     NAR           CNF(ZISOX)

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410          1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR12-Z ACITYS 010CITYSK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR12-Z ACITYS 020HUKAKK1EA0E  B 051TF                    29510159    + 03200                          A PS
        SUSAP KPSCK1FR12-Z ACITYS 030WIDAKK1EA0E    051TF                    29490020    + 02500         180              A-PS
        SUSAP KPSCK1FR12-Z ACITYS 040WEDAVK1EA0EE  L051RF      0026002949    11970080    + 01900                 IZFEV K1EAA PS
        SUSAP KPSCK1FR12-Z AGINLE 010GINLEK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR12-Z AGINLE 020MOJUYK1EA0E  B 051TF                    35150105    + 03000                          A PS
        SUSAP KPSCK1FR12-Z AGINLE 030OTAVYK1EA0E    051TF                    32390113    + 02500         180              A-PS
        SUSAP KPSCK1FR12-Z AGINLE 040WEDAVK1EA0EE  L051RF      0026003239    11970093    + 01900                 IZFEV K1EAA PS
        SUSAP KPSCK1FR12-Z ANIALS 010NIALSK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR12-Z ANIALS 020HILOBK1EA0E  B 010TF                    13050116    + 03100                          A PS
        SUSAP KPSCK1FR12-Z ANIALS 030WEDAVK1EA0EE   051TF                    11960080    + 01900                          A PS
        SUSAP KPSCK1FR12-Z APAIDS 010PAIDSK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR12-Z APAIDS 020YIZEDK1EA0E  B 010TF                    07210075    + 02800                          A PS
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CITY AND STATE	ELEVATION: 410 THRE: 396	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 12, ORIG 05 MAY 2011	AMDT: NONE DATED:

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SUSAP KPSCK1FR12-Z APAIDS 030WEDAVK1EA0EE  R051RF       0040000721    11970033    + 01900                ZISOX K1EAA PS
SUSAP KPSCK1FR12-Z AWATSY 010WATSYK1EA0E  A    IF                                              18000              A PS
SUSAP KPSCK1FR12-Z AWATSY 020CULRIK1EA0E  B 010TF                      21830182    + 04000                       A PS
SUSAP KPSCK1FR12-Z AWATSY 030JUMATK1EA0E    010TF                      21800040    + 03000          180          A-PS
SUSAP KPSCK1FR12-Z AWATSY 040WEDAVK1EA0EE  L051RF       0026002180    11970045    + 01900                IZFEV K1EAA PS
SUSAP KPSCK1FR12-Z R      020WEDAVK1EA1E  F    IF                                 + 01900    18000       RW12 BK1PGA PS
SUSAP KPSCK1FR12-Z R      020WEDAVK1EA2W                                              A031A112                    PS
SUSAP KPSCK1FR12-Z R      030RW12 K1PG0GY M 031TF                      11970046      00452            -300         A PS
SUSAP KPSCK1FR12-Z R      040JIGPIK1EA0E M  010TF                      11970058                                   A PS
SUSAP KPSCK1FR12-Z R      050ZEGRUK1EA0E   L010RF       0045001197    06690042                           UHOPO K1EAA PS
SUSAP KPSCK1FR12-Z R      060CITYSK1EA0EY   010TF                      06690062    + 03200                       A PS
SUSAP KPSCK1FR12-Z R      070CITYSK1EA0EE  R020HM                      27080040    + 03200                       A PS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1GRW12     0077031197 N46162451W119074068+0100     +00988003960000056150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1SRW12 K1PGB              0   18018004925                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: **410** THRE: **396**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 12, ORIG** 05 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	CITYS	CITYS	010	IAF	IF		FB					
	CITYS	HUKAK	020		TF		FB	0.5	295.1(311.1T)	015.9	AA 03200	
	CITYS	WIDAK	030		TF		FB	0.5	294.9(310.9T)	002.0	AA 02500	AB 180
	CITYS	WEDAV	040		RF	L	FB	0.5		008.0	AA 01900	
	GINLE	GINLE	010	IAF	IF		FB					
	GINLE	MOJUY	020		TF		FB	0.5	351.5(007.5T)	010.5	AA 03000	
	GINLE	OTAVY	030		TF		FB	0.5	323.9(339.9T)	011.3	AA 02500	AB 180
	GINLE	WEDAV	040		RF	L	FB	0.5		009.3	AA 01900	
	NIALS	NIALS	010	IAF	IF		FB					
	NIALS	HILOB	020		TF		FB	1.0	130.5(146.5T)	011.6	AA 03100	
	NIALS	WEDAV	030		TF		FB	0.5	119.6(135.6T)	008.0	AA 01900	
	PAIDS	PAIDS	010	IAF	IF		FB					
	PAIDS	YIZED	020		TF		FB	1.0	072.1(088.1T)	007.5	AA 02800	
	PAIDS	WEDAV	030		RF	R	FB	0.5		003.3	AA 01900	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	CULRI	020		TF		FB	1.0	218.3(234.3T)	018.2	AA 04000	
	WATSY	JUMAT	030		TF		FB	1.0	218.0(234.0T)	004.0	AA 03000	AB 180
	WATSY	WEDAV	040		RF	L	FB	0.5		004.5	AA 01900	
		WEDAV	020	FAF	IF		FB				AA 01900	
		RW12	030	MAP	TF		FO	0.3	119.7(135.7T)	004.6	AT 00452	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		JIGPI	040		TF		FB	1.0	119.7(135.7T)	005.8		
		ZEGRU	050		RF	L	FB	1.0		004.2		
		CITYS	060		TF		FO	1.0	066.9(082.9T)	006.2	AA 03200	
		CITYS	070		HM	R	FO	2.0	270.8(286.8T)	004.0	AA 03200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CITYS	N461142.26	W1184739.03	N4611.704	W11847.651
	CULRI	N462555.89	W1190706.68	N4625.932	W11907.111
	GINLE	N460126.43	W1190225.31	N4601.441	W11902.422
	HILOB	N462524.38	W1192022.44	N4625.406	W11920.374
	HUKAK	N462208.00	W1190455.87	N4622.133	W11904.931
	IZFEV	N462128.73	W1190934.39	N4621.479	W11909.573
	JIGPI	N461216.52	W1190152.87	N4612.275	W11901.881
	JUMAT	N462334.73	W1191147.15	N4623.579	W11911.786
	MOJUY	N461148.79	W1190027.54	N4611.813	W11900.459
	NIALS	N463502.91	W1192936.49	N4635.049	W11929.608
	OTAVY	N462222.52	W1190602.95	N4622.375	W11906.049
	PAIDS	N462037.37	W1192725.12	N4620.623	W11927.419

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 396	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 12, ORIG**	AMDT: **NONE**
			05 MAY 2011	DATED:

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UHOPO	N461524.83	W1185714.23	N4615.414	W11857.237
WATSY	N463635.50	W1184545.89	N4636.592	W11845.765
WEDAV	N461939.81	W1191215.53	N4619.664	W11912.259
WIDAK	N462326.58	W1190706.83	N4623.443	W11907.114
YIZED	N462051.91	W1191634.05	N4620.865	W11916.568
ZEGRU	N461057.00	W1185626.15	N4610.950	W11856.436
ZISOX	N461652.11	W1191623.10	N4616.869	W11916.385
RW12	N461624.51	W1190740.68	N4616.409	W11907.678

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW12	00396	56

QUALITY CHECKED

CITY AND STATE	ELEVATION: **410** THRE: **396**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 12, ORIG** 05 MAY 2011	AMDT: **NONE**
				DATED:

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
AMPLE (IAF)	KADDE (TF) (FB) (RNP 1.00)	064.80 / 16.05	3400
KADDE (IF)	ODKUE (TF) (FB) (RNP 1.00)	051.50 / 12.41	3200
ODKUE	ZUDAV (RF) (FB) (RNP 1.00)	(2.70 NM RADIUS CCW (XIXHO))/2.03	2600
GINLE (IAF)	MOJUY (TF) (FB) (RNP 1.00)	351.49 / 10.47	3200
MOJUY (IF)	ZUDAV (TF) (FB) (RNP 1.00)	008.67 / 4.32	2600
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 5200 ON TRACK 209.74 TO KARTE AND RIGHT TURN TO DAMSE AND ON TRACK 331.36 TO PAIDS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 093.00 INBOUND.
CHART FAS OBST: 520 TK 461657N/1190609W
DISTANCE TO THLD FROM 337 HATH: 0.89 NM.
#TCH 456 MSL (DO NOT CHART)
ROUTE TYPE: A,R
ROUTE TYPE QUALIFIER1: P
ROUTE TYPE QUALIFIER: S

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOSEG
3. FAC: 209.78 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 3.28 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: HOSEG 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: #54.5 34:1 IS CLEAR
8. MSA FROM: RW21R 4900

MAG VAR: 16E EPOCH YEAR: 2010

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
AUTHORIZATION REQUIRED															
RNP 0.11 DA	739	3200	337	739	3200	337	739	3200	337	739	3200	337			
RNP 0.30 DA	824	4500	422	824	4500	422	824	4500	422	824	4500	422			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 47C (116F).
CHART NOTE: RF REQUIRED.
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT CUGLU : MAX 180 KIAS.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	TRI-CITIES	RNAV	RNAV (RNP) Z RWY 21R, ORIG 05 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUDAV	CUGLU (RF) (FB) (RNP 1.00)	(2.40 NM RADIUS CCW (XIZKO))/3.06	2300
CITYS (IAF)	HONAG (TF) (FB) (RNP 1.00)	295.75 / 7.77	2500
HONAG (IF)	CUGLU (TF) (FB) (RNP 1.00)	295.65 / 2.50	2300
CUGLU	HOSEG (RF) (FB) (RNP 0.50)	(2.40 NM RADIUS CCW (XIZKO))/3.59	1500
WATSY (IAF)	RYENS (TF) (FB) (RNP 1.00)	187.64 / 11.91	2900
RYENS (IF)	GADNE (TF) (FB) (RNP 1.00)	209.91 / 5.37	2500
GADNE	HOSEG (TF) (FB) (RNP 0.50)	209.84 / 5.00	1500
NIALS (IAF)	ZONOP (TF) (FB) (RNP 1.00)	109.79 / 16.04	2600
ZONOP (IF)	WAPMU (TF) (FB) (RNP 1.00)	110.02 / 6.00	2400
WAPMU	HOSEG (RF) (FB) (RNP 0.50)	(2.40 NM RADIUS CW (XIWCE))/4.17	1500
HOSEG (FAF)	RW21R (MAP) (TF) (FO)	209.78 / 3.28	
RW21R (MAP)	KARTE (TF) (FB) (RNP 1.00)	209.74 / 5.76	
KARTE	DAMSE (RF) (FB) (RNP 1.00)	(5.30 NM RADIUS CW (XIVZE)) / 11.25	
DAMSE	PAIDS (TF) (FO) (RNP 1.00)	331.36 / 5.99	5200

NOTES, (CONT.):

CHART PLANVIEW NOTE AT WAPMU : MAX 180 KIAS.
CHART PLANVIEW NOTE AT ZUDAV : MAX 180 KIAS.
CHART PLANVIEW NOTE AT ODKUE : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMPLE ON V4 NORTHWEST BOUND AND V520 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GINLE ON V298 SOUTHEAST BOUND.



CITY AND STATE	ELEVATION: 410 THRE: 402 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	TRI-CITIES	RNAV	RNAV (RNP) Z RWY 21R, ORIG 05 MAY 2011	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V204 NORTHBOUND AND V357 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS ON V187 NORTHWEST BOUND.
CHART PLANVIEW NOTE AT AMPLE: (RNP 0.50).
CHART PLANVIEW NOTE AT GINLE: (RNP 0.50).
CHART PLANVIEW NOTE AT CITYS: (RNP 0.50).
CHART PLANVIEW NOTE AT WATSY: (RNP 0.50).
CHART PLANVIEW NOTE AT NIALS: (RNP 0.50).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.



CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PASCO, WA	**ELEVATION: 410** **THRE: 402** AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 21R, ORIG** 05 MAY 2011	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 (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMPLE K10    C   L N46070657W119391436                    E0158     NAR          AMPLE
        SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0156     NAR          CITYS
        SUSAEAENRT   CUGLU K10    W     N46183196W118584223                    E0157     NAR          CUGLU
        SUSAEAENRT   DAMSE K10    W     N46144681W119253155                    E0158     NAR          DAMSE
        SUSAEAENRT   GADNE K10    W     N46215660W118581452                    E0157     NAR          GADNE
        SUSAEAENRT   GINLE K10    C   L N46012643W119022531                    E0156     NAR          GINLE
        SUSAEAENRT   HONAG K10    W     N46165233W118560055                    E0157     NAR          HONAG
        SUSAEAENRT   HOSEG K10    W     N46182756W119032499                    E0157     NAR          HOSEG
        SUSAEAENRT   KADDE K10    W     N46093822W119162661                    E0157     NAR          KADDE
        SUSAEAENRT   KARTE K10    W     N46120905W119124464                    E0157     NAR          KARTE
        SUSAEAENRT   MOJUY K10    C     N46114879W119002754                    E0157     NAR          MOJUY
        SUSAEAENRT   NIALS K10    C   L N46350291W119293649                    E0159     NAR          NIALS
        SUSAEAENRT   ODKUE K10    W     N46142195W118595527                    E0157     NAR          ODKUE
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0158     NAR          PAIDS
        SUSAEAENRT   RYENS K10    C     N46254105W118524004                    E0157     NAR          RYENS
        SUSAEAENRT   WAPMU K10    W     N46220699W119034740                    E0157     NAR          WAPMU
        SUSAEAENRT   WATSY K10    C   L N46363550W118454589                    E0157     NAR          WATSY
        SUSAEAENRT   XIVZE K10    W     N46155665W119180446                    E0158     NAR          CNF(XIVZE)
        SUSAEAENRT   XIWCE K10    W     N46201070W119054993                    E0157     NAR          CNF(XIWCE)
        SUSAEAENRT   XIXHO K10    W     N46165179W119012384                    E0157     NAR          CNF(XIXHO)
        SUSAEAENRT   XIZKO K10    W     N46164437W119010019                    E0157     NAR          CNF(XIZKO)
        SUSAEAENRT   ZONOP K10    W     N46253881W119104791                    E0158     NAR          ZONOP
        SUSAEAENRT   ZUDAV K10    W     N46154417W118575163                    E0157     NAR          ZUDAV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR21RZ AAMPLE 010AMPLEK1EA0E  A    IF                                                  18000              A PS
        SUSAP KPSCK1FR21RZ AAMPLE 020KADDEK1EA0E  B 010TF                          06480161    + 03400                       A PS
        SUSAP KPSCK1FR21RZ AAMPLE 030ODKUEK1EA0E    010TF                          05150124    + 03200         180           A-PS
        SUSAP KPSCK1FR21RZ AAMPLE 040ZUDAVK1EA0E   L010RF       0027000515      00870020    + 02600         180   XIXHO K1EAA-PS
        SUSAP KPSCK1FR21RZ AAMPLE 050CUGLUK1EA0E   L010RF       0024000087      29570031    + 02300         180   XIZKO K1EAA-PS
        SUSAP KPSCK1FR21RZ AAMPLE 060HOSEGK1EA0EE  L051RF       0024002957      20980036    + 01500               XIZKO K1EAA PS
        SUSAP KPSCK1FR21RZ ACITYS 010CITYSK1EA0E  A    IF                                                  18000              A PS
        SUSAP KPSCK1FR21RZ ACITYS 020HONAGK1EA0E  B 010TF                          29580078    + 02500                       A PS
        SUSAP KPSCK1FR21RZ ACITYS 030CUGLUK1EA0E    010TF                          29570025    + 02300         180           A-PS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 21R, ORIG** 05 MAY 2011	AMDT: **NONE**
				DATED:

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SUSAP KPSCK1FR21RZ ACITYS 040HOSEGK1EA0EE  L051RF       0024002957    20980036    + 01500                 XIZKO K1EAA PS
SUSAP KPSCK1FR21RZ AGINLE 010GINLEK1EA0E  A    IF                                                 18000                A PS
SUSAP KPSCK1FR21RZ AGINLE 020MOJUYK1EA0E  B 010TF                      35150105    + 03200                              A PS
SUSAP KPSCK1FR21RZ AGINLE 030ZUDAVK1EA0E    010TF                      00870043    + 02600          180                 A-PS
SUSAP KPSCK1FR21RZ AGINLE 040CUGLUK1EA0E   L010RF       0024000087    29570031    + 02300          180    XIZKO K1EAA-PS
SUSAP KPSCK1FR21RZ AGINLE 050HOSEGK1EA0EE  L051RF       0024002957    20980036    + 01500                 XIZKO K1EAA PS
SUSAP KPSCK1FR21RZ ANIALS 010NIALSK1EA0E  A    IF                                                 18000                A PS
SUSAP KPSCK1FR21RZ ANIALS 020ZONOPK1EA0E  B 010TF                      10980160    + 02600                              A PS
SUSAP KPSCK1FR21RZ ANIALS 030WAPMUK1EA0E    010TF                      11000060    + 02400          180                 A-PS
SUSAP KPSCK1FR21RZ ANIALS 040HOSEGK1EA0EE  R051RF       0024001100    20980042    + 01500                 XIWCE K1EAA PS
SUSAP KPSCK1FR21RZ AWATSY 010WATSYK1EA0E  A    IF                                                 18000                A PS
SUSAP KPSCK1FR21RZ AWATSY 020RYENSK1EA0E  B 010TF                      18760119    + 02900                              A PS
SUSAP KPSCK1FR21RZ AWATSY 030GADNEK1EA0E    010TF                      20990054    + 02500                              A PS
SUSAP KPSCK1FR21RZ AWATSY 040HOSEGK1EA0EE   051TF                      20980050    + 01500                              A PS
SUSAP KPSCK1FR21RZ R      020HOSEGK1EA1E  F    IF                                 + 01500     18000       RW21RBK1PGA PS
SUSAP KPSCK1FR21RZ R      020HOSEGK1EA2W                                                A031A112                        PS
SUSAP KPSCK1FR21RZ R      030RW21RK1PG0GY M 031TF                      20980033      00456            -300              A PS
SUSAP KPSCK1FR21RZ R      040KARTEK1EA0E M  010TF                      20970058                                         A PS
SUSAP KPSCK1FR21RZ R      050DAMSEK1EA0E   R010RF       0053002097    33140113                                XIVZE K1EAA PS
SUSAP KPSCK1FR21RZ R      060PAIDSK1EA0EY   010TF                      33140060    + 05200                              A PS
SUSAP KPSCK1FR21RZ R      070PAIDSK1EA0EE  R020HM                       09300050    + 05200                              A PS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1GRW21R   0077112097 N46161044W119064810+0100     +010060040206005515OIIPSC1

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1SRW21RK1PGB              0   18018004925                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 21R, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

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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
	AMPLE	AMPLE	010	IAF	IF		FB					
	AMPLE	KADDE	020		TF		FB	1.0	064.8(080.8T)	016.1	AA 03400	
	AMPLE	ODKUE	030		TF		FB	1.0	051.5(067.5T)	012.4	AA 03200	AB 180
	AMPLE	ZUDAV	040		RF	L	FB	1.0		002.0	AA 02600	AB 180
	AMPLE	CUGLU	050		RF	L	FB	1.0		003.1	AA 02300	AB 180
	AMPLE	HOSEG	060		RF	L	FB	0.5		003.6	AA 01500	
	CITYS	CITYS	010	IAF	IF		FB					
	CITYS	HONAG	020		TF		FB	1.0	295.8(311.8T)	007.8	AA 02500	
	CITYS	CUGLU	030		TF		FB	1.0	295.7(311.7T)	002.5	AA 02300	AB 180
	CITYS	HOSEG	040		RF	L	FB	0.5		003.6	AA 01500	
	GINLE	GINLE	010	IAF	IF		FB					
	GINLE	MOJUY	020		TF		FB	1.0	351.5(007.5T)	010.5	AA 03200	
	GINLE	ZUDAV	030		TF		FB	1.0	008.7(024.7T)	004.3	AA 02600	AB 180
	GINLE	CUGLU	040		RF	L	FB	1.0		003.1	AA 02300	AB 180
	GINLE	HOSEG	050		RF	L	FB	0.5		003.6	AA 01500	
	NIALS	NIALS	010	IAF	IF		FB					
	NIALS	ZONOP	020		TF		FB	1.0	109.8(125.8T)	016.0	AA 02600	
	NIALS	WAPMU	030		TF		FB	1.0	110.0(126.0T)	006.0	AA 02400	AB 180
	NIALS	HOSEG	040		RF	R	FB	0.5		004.2	AA 01500	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	RYENS	020		TF		FB	1.0	187.6(203.6T)	011.9	AA 02900	
	WATSY	GADNE	030		TF		FB	1.0	209.9(225.9T)	005.4	AA 02500	
	WATSY	HOSEG	040		TF		FB	0.5	209.8(225.8T)	005.0	AA 01500	
		HOSEG	020	FAF	IF		FB				AA 01500	
		RW21R	030	MAP	TF		FO	0.3	209.8(225.8T)	003.3	AT 00456	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KARTE	040		TF		FB	1.0	209.7(225.7T)	005.8		
	DAMSE	050		RF	R	FB	1.0		011.3		
	PAIDS	060		TF		FO	1.0	331.4(347.4T)	006.0	AA 05200	
	PAIDS	070		HM	R	FO	2.0	093.0(109.0T)	005.0	AA 05200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMPLE	N460706.57	W1193914.36	N4607.110	W11939.239
	CITYS	N461142.26	W1184739.03	N4611.704	W11847.651
	CUGLU	N461831.96	W1185842.23	N4618.533	W11858.704
	DAMSE	N461446.81	W1192531.55	N4614.780	W11925.526
	GADNE	N462156.60	W1185814.52	N4621.943	W11858.242
	GINLE	N460126.43	W1190225.31	N4601.441	W11902.422
	HONAG	N461652.33	W1185600.55	N4616.872	W11856.009

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 21R, ORIG** 05 MAY 2011	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.

HOSEG	N461827.56	W1190324.99	N4618.459	W11903.417
KADDE	N460938.22	W1191626.61	N4609.637	W11916.444
KARTE	N461209.05	W1191244.64	N4612.151	W11912.744
MOJUY	N461148.79	W1190027.54	N4611.813	W11900.459
NIALS	N463502.91	W1192936.49	N4635.049	W11929.608
ODKUE	N461421.95	W1185955.27	N4614.366	W11859.921
PAIDS	N462037.37	W1192725.12	N4620.623	W11927.419
RYENS	N462541.05	W1185240.04	N4625.684	W11852.667
WAPMU	N462206.99	W1190347.40	N4622.117	W11903.790
WATSY	N463635.50	W1184545.89	N4636.592	W11845.765
XIVZE	N461556.65	W1191804.46	N4615.944	W11918.074
XIWCE	N462010.70	W1190549.93	N4620.178	W11905.832
XIXHO	N461651.79	W1190123.84	N4616.863	W11901.397
XIZKO	N461644.37	W1190100.19	N4616.740	W11901.003
ZONOP	N462538.81	W1191047.91	N4625.647	W11910.799
ZUDAV	N461544.17	W1185751.63	N4615.736	W11857.861
RW21R	N461610.44	W1190648.10	N4616.174	W11906.802

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW21R	00402	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 21R, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

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
WATSY (IAF)	RYENS (TF) (FB) (RNP 1.00)	187.64 / 11.91	4000
PAIDS (IAF)	WISBI (TF) (FB) (RNP 0.50)	113.84 / 15.69	4000
AMPLE (IAF)	KADDE (TF) (FB) (RNP 1.00)	064.80 / 16.06	4000
CITYS (IAF)	XELOW (TF) (FB) (RNP 0.50)	238.26 / 7.61	3000
OLODE (IAF)	XELOW (TF) (FB) (RNP 0.50)	346.62 / 17.98	3000
(SEE FORM 8260-10)			

MISSED APPROACH

MAP: DA

CLIMB TO 5200 ON TRACK 299.76 TO WEDAV AND LEFT TURN TO YOCUY AND ON TRACK 250.86 TO PAIDS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 093.00 INBOUND.
CHART FAS OBST: 523 ROD ON TWR 461457N/1190533W
DISTANCE TO THLD FROM 382 HATH: 1.03 NM.
ROUTE TYPE: A,R
ROUTE TYPE QUALIFIER: P
ROUTE TYPE QUALIFIER: S
TCH 455.8 (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JIGPI
3. FAC: 299.81 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: JIGPI 1900
5. DIST TO THLD FROM OM: 4.53 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: JIGPI 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM: RW30 4900

MAG VAR: 16E EPOCH YEAR: 2010

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 0.11 DA	784	1 1/8	382	784	1 1/8	382	784	1 1/8	382	784	1 1/8	382			
RNP 0.30 DA	834	1 1/4	432	834	1 1/4	432	834	1 1/4	432	834	1 1/4	432			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: FOR INOPERATIVE ODALS, INCREASE RNP 0.11 VISIBILITY TO 1 3/8 ALL CATS.
CHART NOTE: RF REQUIRED.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	TRI-CITIES	RNAV	RNAV (RNP) Z RWY 30, ORIG 05 MAY 2011	AMDT: NONE
				DATED

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KADDE (IF)	IZCED (TF) (FB) (RNP 0.50)	085.15 / 7.99	3000
IZCED	HUKUP (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CCW (JFSOM))/2.55	2600
HUKUP	JIGPI (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CCW (JFSOM))/3.80	1900
WISBI (IF)	JUDIV (TF) (FB) (RNP 0.50)	114.05 / 3.00	3000
JUDIV	HUKUP (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CCW (JFSOM))/3.81	2600
RYENS (IF)	HIYGE (TF) (FB) (RNP 0.50)	174.03 / 12.29	3000
HIYGE	JIGPI (RF) (FB) (RNP 0.50)	(2.50 NM RADIUS CW (USVUW))/5.49	1900
XELOW (IF)	JIGPI (TF) (FB) (RNP 0.50)	299.80 / 3.69	1900
JIGPI (FAF)	RW30 (MAP) (TF) (FO)	299.81 / 4.53	
RW30 (MAP)	WEDAV (TF) (FB) (RNP 1.00)	299.76 / 5.78	
WEDAV (TF)	YOCUY (RF) (FB) (RNP 1.00)	(4.50 NM RADIUS CCW (IZLAF)) / 3.84	
YOCUY (RF)	PAIDS (TF) (FO) (RNP 1.00)	250.86 / 7.05	5200

NOTES, (CONT.):
CHART PLANVIEW NOTE AT JUDIV : MAX 180 KIAS.
CHART PLANVIEW NOTE AT IZCED : MAX 180 KIAS.
CHART PLANVIEW NOTE AT HIYGE : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V357 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMPLE ON V4 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAIDS ON V204 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.



CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 30, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OLODE ON V298 SOUTHBOUND.
CHART PLANVIEW NOTE AT WATSY: (RNP 0.50)
CHART PLANVIEW NOTE AT AMPLE: (RNP 0.50)
CHART PLANVIEW NOTE AT PAIDS: (RNP 0.50)
CHART PLANVIEW NOTE AT CITYS: (RNP 0.50).
CHART PLANVIEW NOTE AT OLODE: (RNP 0.50).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 30, ORIG 05 MAY 2011	AMDT: NONE
				DATED:

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ARINC PACKET - 424-18 - RNAV (RNP)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMPLE K10    C   L N46070657W119391436                    E0158     NAR           AMPLE
        SUSAEAENRT   CITYS K10    C   L N46114226W118473903                    E0156     NAR           CITYS
        SUSAEAENRT   HIYGE K10    W     N46133492W118554516                    E0157     NAR           HIYGE
        SUSAEAENRT   HUKUP K10    W     N46085003W119014937                    E0157     NAR           HUKUP
        SUSAEAENRT   IZCED K10    W     N46080491W119050988                    E0157     NAR           IZCED
        SUSAEAENRT   IZLAF K10    W     N46163143W119165443                    E0158     NAR           CNF(IZLAF)
        SUSAEAENRT   JFSOM K10    W     N46103197W119042765                    E0157     NAR           CNF(JFSOM)
        SUSAEAENRT   JIGPI K10    W     N46121652W119015287                    E0157     NAR           JIGPI
        SUSAEAENRT   JUDIV K10    W     N46083727W119064666                    E0157     NAR           JUDIV
        SUSAEAENRT   KADDE K10    W     N46093822W119162661                    E0157     NAR           KADDE
        SUSAEAENRT   OLODE K10    C   L N45514042W118592179                    E0156     NAR           OLODE
        SUSAEAENRT   PAIDS K10    C   L N46203737W119272512                    E0158     NAR           PAIDS
        SUSAEAENRT   RYENS K10    C     N46254105W118524004                    E0157     NAR           RYENS
        SUSAEAENRT   USVUW K10    W     N46140101W118591793                    E0157     NAR           CNF(USVUW)
        SUSAEAENRT   WATSY K10    C   L N46363550W118454589                    E0157     NAR           WATSY
        SUSAEAENRT   WEDAV K10    W     N46193981W119121553                    E0158     NAR           WEDAV
        SUSAEAENRT   WISBI K10    W     N46103310W119100483                    E0157     NAR           WISBI
        SUSAEAENRT   XELOW K10    W     N46093806W118581089                    E0157     NAR           XELOW
        SUSAEAENRT   YOCUY K10    W     N46210094W119171572                    E0158     NAR           YOCUY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1APSC     0     077YHN46155290W119070850E016000410         1800018000C    MNAR    TRI-CITIES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPSCK1FR30-Z AAMPLE 010AMPLEK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR30-Z AAMPLE 020KADDEK1EA0E  B 010TF                    06480161    + 04000                          A PS
        SUSAP KPSCK1FR30-Z AAMPLE 030IZCEDK1EA0E    051TF                    08520080    + 03000         180              A-PS
        SUSAP KPSCK1FR30-Z AAMPLE 040HUKUPK1EA0E   L051RF      0025000852    02680026    + 02600                  JFSOM K1EAA PS
        SUSAP KPSCK1FR30-Z AAMPLE 050JIGPIK1EA0EE  L051RF      0025000268    29980038    + 01900                  JFSOM K1EAA PS
        SUSAP KPSCK1FR30-Z ACITYS 010CITYSK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR30-Z ACITYS 020XELOWK1EA0E  B 051TF                    23830076    + 03000                          A PS
        SUSAP KPSCK1FR30-Z ACITYS 030JIGPIK1EA0EE   051TF                    29980037    + 01900                          A PS
        SUSAP KPSCK1FR30-Z AOLODE 010OLODEK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR30-Z AOLODE 020XELOWK1EA0E  B 051TF                    34660180    + 03000                          A PS
        SUSAP KPSCK1FR30-Z AOLODE 030JIGPIK1EA0EE   051TF                    29980037    + 01900                          A PS
        SUSAP KPSCK1FR30-Z APAIDS 010PAIDSK1EA0E  A    IF                                                18000              A PS
        SUSAP KPSCK1FR30-Z APAIDS 020WISBIK1EA0E  B 051TF                    11380157    + 04000                          A PS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 30, ORIG** 05 MAY 2011	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 KPSCK1FR30-Z APAIDS 030JUDIVK1EA0E    051TF                    11410030    + 03000          180              A-PS
SUSAP KPSCK1FR30-Z APAIDS 040HUKUPK1EA0E   L051RF       0025001141   02680038    + 02600                   JFSOM K1EAA PS
SUSAP KPSCK1FR30-Z APAIDS 050JIGPIK1EA0EE  L051RF       0025000268   29980038    + 01900                   JFSOM K1EAA PS
SUSAP KPSCK1FR30-Z AWATSY 010WATSYK1EA0E  A    IF                                          18000                   A PS
SUSAP KPSCK1FR30-Z AWATSY 020RYENSK1EA0E  B 010TF                    18760119    + 04000                         A PS
SUSAP KPSCK1FR30-Z AWATSY 030HIYGEK1EA0E    051TF                    17400123    + 03000          180              A-PS
SUSAP KPSCK1FR30-Z AWATSY 040JIGPIK1EA0EE  R051RF       0025001740   29980055    + 01900                   USVUW K1EAA PS
SUSAP KPSCK1FR30-Z R      020JIGPIK1EA1E   F    IF                               + 01900     18000        RW30 BK1PGA PS
SUSAP KPSCK1FR30-Z R      020JIGPIK1EA2W                                                A031A112                  PS
SUSAP KPSCK1FR30-Z R      030RW30 K1PG0GY M 031TF                  29980045      00456              -300          A PS
SUSAP KPSCK1FR30-Z R      040WEDAVK1EA0E M  010TF                  29980058                                       A PS
SUSAP KPSCK1FR30-Z R      050YOCUYK1EA0E   L010RF       0045002998   25090038                              IZLAF K1EAA PS
SUSAP KPSCK1FR30-Z R      060PAIDSK1EA0EY   010TF                  25090071    + 05200                         A PS
SUSAP KPSCK1FR30-Z R      070PAIDSK1EA0EE  R020HM                   09300050    + 05200                         A PS
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1GRW30     0077032998 N46153146W119062616-0100     +0100800402020054150R
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPSCK1SRW30 K1PGB              0   18018004925                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **410** THRE: **402**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 30, ORIG** 05 MAY 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	AMPLE	AMPLE	010	IAF	IF		FB					
	AMPLE	KADDE	020		TF		FB	1.0	064.8(080.8T)	016.1	AA 04000	
	AMPLE	IZCED	030		TF		FB	0.5	085.2(101.2T)	008.0	AA 03000	AB 180
	AMPLE	HUKUP	040		RF	L	FB	0.5		002.6	AA 02600	
	AMPLE	JIGPI	050		RF	L	FB	0.5		003.8	AA 01900	
	CITYS	CITYS	010	IAF	IF		FB					
	CITYS	XELOW	020		TF		FB	0.5	238.3(254.3T)	007.6	AA 03000	
	CITYS	JIGPI	030		TF		FB	0.5	299.8(315.8T)	003.7	AA 01900	
	OLODE	OLODE	010	IAF	IF		FB					
	OLODE	XELOW	020		TF		FB	0.5	346.6(002.6T)	018.0	AA 03000	
	OLODE	JIGPI	030		TF		FB	0.5	299.8(315.8T)	003.7	AA 01900	
	PAIDS	PAIDS	010	IAF	IF		FB					
	PAIDS	WISBI	020		TF		FB	0.5	113.8(129.8T)	015.7	AA 04000	
	PAIDS	JUDIV	030		TF		FB	0.5	114.1(130.1T)	003.0	AA 03000	AB 180
	PAIDS	HUKUP	040		RF	L	FB	0.5		003.8	AA 02600	
	PAIDS	JIGPI	050		RF	L	FB	0.5		003.8	AA 01900	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	RYENS	020		TF		FB	1.0	187.6(203.6T)	011.9	AA 04000	
	WATSY	HIYGE	030		TF		FB	0.5	174.0(190.0T)	012.3	AA 03000	AB 180
	WATSY	JIGPI	040		RF	R	FB	0.5		005.5	AA 01900	
		JIGPI	020	FAF	IF		FB				AA 01900	
		RW30	030	MAP	TF		FO	0.3	299.8(315.8T)	004.5	AT 00456	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	WEDAV	040		TF		FB	1.0	299.8(315.8T)	005.8		
	YOCUY	050		RF	L	FB	1.0		003.8		
	PAIDS	060		TF		FO	1.0	250.9(266.9T)	007.1	AA 05200	
	PAIDS	070		HM	R	FO	2.0	093.0(109.0T)	005.0	AA 05200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMPLE	N460706.57	W1193914.36	N4607.110	W11939.239
	CITYS	N461142.26	W1184739.03	N4611.704	W11847.651
	HIYGE	N461334.92	W1185545.16	N4613.582	W11855.753
	HUKUP	N460850.03	W1190149.37	N4608.834	W11901.823
	IZCED	N460804.91	W1190509.88	N4608.082	W11905.165
	IZLAF	N461631.43	W1191654.43	N4616.524	W11916.907
	JFSOM	N461031.97	W1190427.65	N4610.533	W11904.461
	JIGPI	N461216.52	W1190152.87	N4612.275	W11901.881
	JUDIV	N460837.27	W1190646.66	N4608.621	W11906.778
	KADDE	N460938.22	W1191626.61	N4609.637	W11916.444



CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: **TRI-CITIES**	**RNAV**	**RNAV (RNP) Z RWY 30, ORIG** 05 MAY 2011	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.

OLODE	N455140.42	W1185921.79	N4551.674	W11859.363
PAIDS	N462037.37	W1192725.12	N4620.623	W11927.419
RYENS	N462541.05	W1185240.04	N4625.684	W11852.667
USVUW	N461401.01	W1185917.93	N4614.017	W11859.299
WATSY	N463635.50	W1184545.89	N4636.592	W11845.765
WEDAV	N461939.81	W1191215.53	N4619.664	W11912.259
WISBI	N461033.10	W1191004.83	N4610.552	W11910.081
XELOW	N460938.06	W1185810.89	N4609.634	W11858.182
YOCUY	N462100.94	W1191715.72	N4621.016	W11917.262
RW30	N461531.46	W1190626.16	N4615.524	W11906.436

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW30	00402	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 410 THRE: 402	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PASCO, WA	AIRPORT NAME: TRI-CITIES	RNAV	RNAV (RNP) Z RWY 30, ORIG 05 MAY 2011	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

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:
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:

MAG VAR: EPOCH YEAR:

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 05 MAY 2011

CITY AND STATE	ELEVATION: 981 TDZE: 978	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DELAVAN, WI	AIRPORT NAME: LAKE LAWN	RNAV	RNAV (GPS) RWY 18, ORIG-A, 01/20/2005	AMDT: ORIG
				DATED 4 SEP 2003

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

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: ____
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: ____

MAG VAR: ____ EPOCH YEAR: ____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 05 MAY 2011

CITY AND STATE	ELEVATION: 981 TDZE: 981	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DELAVAN, WI	AIRPORT NAME: **LAKE LAWN**	**RNAV**	**RNAV (GPS) RWY 36, ORIG, 09/04/2003**	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.
DELAVAN, WI	LAKE LAWN	08/04/2003	1

TAKEOFF MINIMUMS:

PROCEDURE CANCELLED EFFECTIVE 05 MAY 2011

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30775 ; Amdt. No. 3419]

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 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: Harry J. Hodges, 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 March 18, 2011

John M. Allen

John M. Allen
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
5-May-11	KS	Iola	Allen County	0/2223	3/1/11	RNAV (GPS) RWY 19, Orig
5-May-11	MA	Marshfield	Marshfield Muni - George Harlow Field	1/0112	3/9/11	RNAV (GPS) RWY 6, Orig
5-May-11	FL	Tallahassee	Tallahassee Rgnl	1/0113	3/7/11	NDB RWY 36, Amdt 20A
5-May-11	KY	Louisville	Louisville Intl - Standiford Field	1/0278	3/9/11	RNAV (GPS) RWY 29, Orig
5-May-11	NY	Monticello	Sullivan County Intl	1/0345	3/9/11	ILS RWY 15, Amdt 5B
5-May-11	AL	Tuskegee	Moton Field Muni	1/0399	3/8/11	RNAV (GPS) RWY 31, Orig
5-May-11	AL	Tuskegee	Moton Field Muni	1/0400	3/8/11	RNAV (GPS) RWY 13, Orig
5-May-11	NH	Nashua	Boire Field	1/0489	3/14/11	ILS OR LOC RWY 14, Amdt 5B
5-May-11	NJ	Princeton / Rocky Hill	Princeton	1/0506	3/14/11	VOR A, Amdt 7
5-May-11	IN	Bloomington	Bloomington/Monroe County	1/0552	3/16/11	RNAV (GPS) RWY 17, Amdt 1
5-May-11	GA	Madison	Madison Muni	1/0708	3/16/11	GPS RWY 14, Amdt 1A
5-May-11	NC	Winston Salem	Smith Reynolds	1/0861	3/16/11	ILS OR LOC RWY 33, Amdt 29A
5-May-11	IL	Kankakee	Greater Kankakee	1/1311	3/2/11	VOR RWY 22, Amdt 7
5-May-11	NC	Greenville	Pitt-Greenville	1/2023	3/16/11	RNAV (GPS) RWY 2, Orig
5-May-11	DC	Washington	Ronald Reagan Washington National	1/3370	3/1/11	RNAV (GPS) RWY 33, Orig
5-May-11	KY	Lexington	Blue Grass	1/3518	3/1/11	RNAV (GPS) RWY 22, Amdt 1
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3954	1/26/11	RNAV (GPS) RWY 7, Orig
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3955	1/26/11	RNAV (GPS) RWY 25, Orig
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3956	1/26/11	NDB/DME RWY 25, Amdt 2B
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3957	1/26/11	ILS OR LOC/DME RWY 7, Amdt 5C
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3958	1/26/11	NDB RWY 7, Amdt 5
5-May-11	CQ	Saipan Island	Francisco C. Ada/Saipan Intl	1/3959	1/26/11	NDB/DME RWY 7, Amdt 3B
5-May-11	GA	Nashville	Berrien Co	1/4169	3/1/11	GPS RWY 10, Orig-A
5-May-11	AK	Kokhanok	Kokhanok	1/4286	1/27/11	RNAV (GPS) RWY 6, Orig

5-May-11	AK	Kokhanok	Kokhanok	1/4287	1/27/11	RNAV (GPS) RWY 24, Orig
5-May-11	TN	Knoxville	Mc Ghee Tyson	1/4376	3/1/11	ILS OR LOC RWY 5L, Amdt 8A
5-May-11	NY	Binghamton	Greater Binghamton / Edwin A Link Field	1/4378	3/1/11	ILS RWY 16, Amdt 6C
5-May-11	NJ	Manville	Central Jersey Rgnl	1/4446	3/1/11	VOR A, Amdt 7
5-May-11	OH	Middletown	Middletown Regoinal / Hook Field	1/5662	3/14/11	NDB OR GPS A, Amdt 2C
5-May-11	FL	Tallahassee	Tallahassee Rgnl	1/5755	2/7/11	VOR RWY 18, AMDT 11A
5-May-11	TX	Sherman	Sherman Muni	1/6967	3/1/11	VOR/DME A, Orig-A
5-May-11	GA	Madison	Madison Muni	1/7690	3/16/11	VOR/DME OR GPS A, Amdt 7A
5-May-11	TX	Hereford	Hereford Muni	1/9096	3/9/11	NDB RWY 20, Amdt 2

AIRAC Date: 05 MAY 2011

FDC 0/2223 K88 FI/P ALLEN COUNTY, IOLA, KS. RNAV (GPS) RWY 19, ORIG... CIRCLING CAT C MDA 1640/HAA 625. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 01 NA AT NIGHT. THIS IS RNAV (GPS) RWY 19, ORIG-A.

FDC 1/0112 GHG FI/P MARSHFIELD MUNI - GEORGE HARLOW FIELD, MARSHFIELD, MA. RNAV (GPS) RWY 6, ORIG... LNAV MDA 660/HAT 651 ALL CATS. CIRCLING MDA 660/HAA 651 ALL CATS. CHART: APT ELEV 9. DELETE: VDP. HUDPO TO RW06: 3.06/37 CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 1/0113 TLH FI/P TALLAHASSEE RGNL, TALLAHASSEE, FL. NDB RWY 36, AMDT 20A... CIRCLING CATS A/B MDA 580/HAA 499. MSA FROM WAKUL (TLH) NDB 25 NM 3300. WAKUL NDB TO RW36: 3.41/54. THIS IS NDB RWY 36, AMDT 20B.

FDC 1/0278 SDF FI/P LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. RNAV (GPS) RWY 29, ORIG... LNAV/VNAV DA 943/HAT 463 ALL CATS. CIRCLING VIS CATS A/B 1. THIS IS RNAV (GPS) RWY 29, ORIG-A.

FDC 1/0345 MSV FI/P SULLIVAN COUNTY INTL, MONTICELLO, NY. ILS RWY 15, AMDT 5B... S-ILS 15 VISIBILITY 1 ALL CATS. MSA FROM MS LOM 360-090 5400, 090-360 4200. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWBURGH ALTIMETER SETTING: INCREASE DA TO 1858 AND ALL VISIBILITIES 1/2 MILE; INCREASE ALL MDA 220 FEET AND S-LOC 15 CATS C/D VISIBILITIES 3/4 MILE AND CIRCLING CATS C/D VISIBILITIES 1/2 MILE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY15 PROCEDURE N/A AT NIGHT. THIS IS ILS OR LOC RWY 15, AMDT 5C.

FDC 1/0399 06A FI/P MOTON FIELD MUNI, TUSKEGEE, AL. RNAV (GPS) RWY 31, ORIG... CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS NOT CLEAR. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHANGE MISSED APPROACH TO READ: CLIMB TO 3000 DIRECT TSKGE AND HOLD. THIS IS RNAV (GPS) RWY 31, ORIG-A.

FDC 1/0400 06A FI/P MOTON FIELD MUNI, TUSKEGEE, AL. RNAV (GPS) RWY 13, ORIG... CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. 34:1 IS NOT CLEAR DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHANGE MISSED APPROACH TO READ: CLIMB TO 3000 DIRECT ANGLS AND HOLD. THIS IS RNAV (GPS) RWY 13, ORIG-A.

FDC 1/0489 ASH FI/P BOIRE FIELD, NASHUA, NH. ILS OR LOC RWY 14, AMDT 5B... S-ILS 14 VIS 3/4 ALL CATS. S-LOC 14 MDA 640/HAT 440 ALL CATS. VIS CATS A/B/C 3/4, CAT D 1. MANCHESTER ALTIMETER SETTING MINIMUMS S-ILS 14 VIS 3/4 ALL CATS. S-LOC 14 680/HAT 480 ALL CATS. VIS CATS A/B/C 3/4, CAT D 1. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14 AND MANCHESTER ALTIMETER SETTING MINIMUMS S-ILS 14. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 14 CATS A/B AND MANCHESTER ALTIMETER SETTING MINIMUMS S-LOC 14 CATS A/B VISIBILITY 1/4 MILE. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 32 NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 310 TOWER 424803N/0713313W ALTERNATE MINIMUMS: STANDARD; EXCEPT ILS CATS B/C/D 700-2; ILS AND LOC: NA WHEN LOCAL WEATHER NOT AVAILABLE, NA WHEN CONTROL TOWER CLOSED. THIS IS ILS OR LOC RWY 14, AMDT 5C.

FDC 1/0506 39N FI/P PRINCETON, PRINCETON/ROCKY HILL, NJ. VOR A, AMDT 7... CHART DIST FAF TO MAP 4.37. DELETE MAP: 4.37 MILES AFTER DFRTZ INT/7.20 DME OR AT MAFPA/SBJ 11.57 DME FIX. CHART MAP: 4.37 MILES AFTER DFRTZ INT. DELETE ALL REFERENCES TO MAFPA/SBJ 11.6 DME. THIS IS VOR A, AMDT 7A.

FDC 1/0552 BMG FI/P BLOOMINGTON/MONROE COUNTY, BLOOMINGTON, IN. RNAV (GPS) RWY 17, AMDT 1... LNAV MDA 1460/HAT 614 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 1460/HAA 614 ALL CATS. VIS CAT C 1 3/4. VDP 1.80 MILES TO RW17, LNAV ONLY. DELETE PLANVIEW AND PROFILE NOTE: WHEN USING TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING: LNAV/VNAV FLY VISUAL TO AIRPORT, 174 - 2.0 MILES. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING AND INCREASE ALL DA 121 FEET AND ALL MDA 140 FEET. INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/2 MILE, CIRCLING CAT D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 17, AMDT 1A.

FDC 1/0708 52A FI/P MADISON MUNI, MADISON, GA. GPS RWY 14, AMDT 1A... S-14 HAT 474 ALL CATS. HOLDING LEG LENGTH 4 NM. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART IN PROFILE: MEGIC TO RW14: 3.07/32. CHART TDZE: 686. THIS IS GPS RWY 14, AMDT 1B.

FDC 1/0861 INT FI/P SMITH REYNOLDS, WINSTON SALEM, NC. ILS OR LOC RWY 33, AMDT 29A... S-LOC 33 CAT D MINIMUMS NA. CIRCLING CAT D MINIMUMS NA. THIS IS ILS OR LOC RWY 33, AMDT 29B.

FDC 1/1311 IKK FI/P GREATER KANKAKEE, KANKAKEE, IL. VOR RWY 22, AMDT 7... S-22 MDA 1160/HAT 530 ALL CATS, VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CAT A/B/C MDA 1160/HAA 530. CHART VDP AT 2.0 DME; DISTANCE VDP TO THLD 1.55 MILES. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR RWY 22, AMDT 7A.

FDC 1/2023 PGV FI/P PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 2, ORIG...LNAV HAT 536 ALL CATS. CIRCLING MDA 620/HAA 594 ALL CATS. DELETE NOTE: GPS OR RNP -0.3 REQUIRED. ALTERNATE MINIMUMS: STANDARD; EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASHINGTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. CHART TDZE 24 CHART APT ELEV 26 CHART FAS OBST: 309 BLDG 353631N/0772406W. THIS IS RNAV (GPS) RWY 2, ORIG-A.

FDC 1/3370 DCA FI/P RONALD REAGAN WASHINGTON NATIONAL, WASHINGTON, DC. RNAV (GPS) RWY 33, ORIG... LNAV/VNAV DA VIS 2 3/4 ALL CATS. CIRCLING VIS CATS A/B 1, CAT C 2 1/4, CAT D 2 1/2. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800-2 1/4, CAT D 800-2 1/2. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). THIS IS RNAV (GPS) RWY 33, ORIG-A.

FDC 1/3518 LEX FI/P BLUE GRASS, LEXINGTON, KY. RNAV (GPS) RWY 22, AMDT 1...LPV DA 1268/HAT 288 ALL CATS. LNAV/VNAV DA 1373/HAT 393 ALL CATS. LNAV HAT 540 ALL CATS. CIRCLING HAA CATS A/B/C 540, CAT D 560. VIS CATS A/B 1. CHART APT ELEV AND TDZE: 980 DELETE FAS OBST: 1051 TREE 380250N/0843518W DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPITAL CITY ALTIMETER SETTING AND INCREASE ALL DAS 63 FEET AND ALL MDAS 80 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPITAL CITY ALTIMETER SETTING AND INCREASE LPV DA ALL CATS TO 1331, LNAV/VNAV DA ALL CATS TO 1436, AND ALL MDA 80 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C/D, AND CIRCLING CAT C VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 22, AMDT 1A.

FDC 1/3954 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. RNAV (GPS) RWY 7, ORIG... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS RNAV (GPS) RWY 7, ORIG-A.

FDC 1/3955 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. RNAV (GPS) RWY 25, ORIG... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS RNAV (GPS) RWY 25, ORIG-A.

FDC 1/3956 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. NDB/DME RWY 25, AMDT 2B... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS NDB/DME RWY 25, AMDT 2C.

FDC 1/3957 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. ILS OR LOC/DME RWY 7, AMDT 5C... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS ILS OR LOC/DME RWY 7, AMDT 5D

FDC 1/3958 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. NDB RWY 7, AMDT 5... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS NDB RWY 7, AMDT 5A.

FDC 1/3959 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN ISLAND, CQ. NDB/DME RWY 7, AMDT 3B... DELETE NOTE: CIRCLING NA FOR CATS C AND D NORTH OF RWY 7-25. CHART NOTE: CIRCLING NA NORTH OF RWY 6-24. THIS IS NDB/DME RWY 7, AMDT 3C.

FDC 1/4169 4J2 FI/P BERRIEN CO, NASHVILLE, GA. GPS RWY 10, ORIG-A... S-10 MDA 760/HAT 519 ALL CATS. VIS CAT C 1 1/2. CHART FAS OBST: 456 ANTENNA 311233N/0831540W. THIS IS GPS RWY 10, ORIG-B.

FDC 1/4286 9K2 FI/P KOKHANOK, KOKHANOK, AK. RNAV (GPS) RWY 6, ORIG... LNAV CAT A/B HAT 871 DELETE CHART NOTE: PROCEDURE NA AT NIGHT CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE: TDZE 115 CHART: THRE 109. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 1/4287 9K2 FI/P KOKHANOK, KOKHANOK, AK. RNAV (GPS) RWY 24, ORIG... LNAV CAT A/B HAT 1009 DELETE CHART NOTE: PROCEDURE NA AT NIGHT. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. DELETE: TDZE 115 CHART: THRE 111. THIS IS RNAV (GPS) RWY 24, ORIG-A

FDC 1/4376 TYS FI/P MC GHEE TYSON, KNOXVILLE, TN. ILS OR LOC RWY 5L, AMDT 8A... S-ILS 5L VIS RVR 2400 ALL CATS. CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 5L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 5L, AMDT 8B.

FDC 1/4378 BGM FI/P GREATER BINGHAMTON/EDWIN A LINK FIELD, BINGHAMTON, NY. ILS RWY 16, AMDT 6C... S-LOC 16 MDA 1960/HAT 326 ALL CATS. CHANGE MISSED APPROACH TO READ: CLIMB TO 2100, THEN CLIMBING RIGHT TURN TO 3700 DIRECT CFB VORTAC AND HOLD. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: LOC OFFSET 2.36 DEGREES. THIS IS ILS OR LOC RWY 16, AMDT 6D.

FDC 1/4446 47N FI/P CENTRAL JERSEY RGNL, MANVILLE, NJ. VOR A, AMDT 7... DELETE MAP: 7.31 NM AFTER SBJ VOR/DME OR AT SJI 7.31 DME FIX. CHART MAP: 7.31 NM AFTER SBJ VOR/DME. THIS IS VOR A, AMDT 7A.

FDC 1/5662 MWO FI/P MIDDLETOWN REGIONAL/HOOK FIELD, MIDDLETOWN, OH. NDB OR GPS A, AMDT 2C... DELETE CAT D MINIMUMS. CHART: MAXIMUM ALTITUDE 6000 AT HOOK FIELD (HKF) NDB. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTON ALTIMETER SETTING. THIS IS NDB OR GPS A, AMDT 2D.

FDC 1/5755 TLH FI/P TALLAHASSEE RGNL, TALLAHASSEE, FL. VOR RWY 18, AMDT 11A... WAPIM FIX MINIMUMS CIRCLING CATS A/B MDA 580/HAA 499. PT LEFT SIDE OF COURSE 352.87 OUTBOUND, 2100 FT WITHIN 10 MILES OF SZW VORTAC. WAPIM TO RW18: 2.96/52 CHART VDP AT 7.41 DME; DISTANCE VDP TO THLD 1.28 MILES. THIS IS VOR RWY 18, AMDT 11B.

FDC 1/6967 SWI FI/P SHERMAN MUNI, SHERMAN, TX. VOR/DME A, ORIG-A...MISSED APPROACH: CLIMB TO 2300, THEN CLIMBING LEFT TURN TO 2400 ON BYP R-280 TO TEREY/13.2 DME AND HOLD. MSA FROM BONHAM (BYP) VORTAC 360-180 2300, 180-360 2700. THIS IS VOR/DME A, ORIG-B.

FDC 1/7690 52A FI/P MADISON MUNI, MADISON, GA. VOR/DME OR GPS A, AMDT 7A... CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON AHN VORTAC AIRWAY RADIALS 163 CW 195. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS VOR/DME OR GPS A, AMDT 7B.

FDC 1/9096 HRX FI/P HEREFORD MUNI, HEREFORD, TX. NDB RWY 20, AMDT 2...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AMARILLO INTL ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-20 AND CIRCLING CAT B VISIBILITY 1/4 MILE, CAT C/D 1/2 MILE. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 5000 THEN CLIMBING LEFT TURN TO 5800 DIRECT HRX NDB AND HOLD. THIS IS NDB RWY 20, AMDT 2A.