U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 14-01 **November 22, 2013**

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

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

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30932; Amdt. No. 3567]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

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

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

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

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

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation

Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164. SUPPLEMENTARY INFORMATION: This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or revoking SIAPS, Takeoff Minimums and/or ODPS. The complete regulators description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part 97.20. The applicable FAA Forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

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

THE RULE

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

Further, the SIAPs and Takeoff Minimums and ODPS contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPS and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedures before adopting these SIAPS, Takeoff Minimums and ODPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs effective in less than 30 days.

CONCLUSION

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore--(1) is not a "significant regulatory action" under Executive Order 12866;(2) is not a "significant rule " under DOT Regulatory Policies and Procedures (44 FR 11034; February 26,1979) ; and (3)does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on NOVEMBER 22, 2013.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 9 JANUARY 2014

Little Rock, AR, Bill and Hillary Clinton National/Adams Field, RNAV (GPS) RWY 18, Amdt 1B
Springdale, AR, Springdale Muni, RNAV (GPS) RWY 36, Amdt 1C
Twentynine Palms, CA, Twentynine Palms, RNAV (GPS) RWY 26, Amdt 2
Denver, CO, Denver Intl, RNAV (GPS) Y RWY 16R, Amdt 1A
Denver, CO, Denver Intl, RNAV (GPS) Y RWY 34L, Amdt 2A
Sullivan, IN, Sullivan County, VOR/DME-A, Amdt 2, CANCELED
McPherson, KS, McPherson, NDB RWY 18, Amdt 1, CANCELED
Gothenburg, NE, Quinn Field, NDB-A, Orig, CANCELED
Olean, NY, Cattaraugus County-Olean, Takeoff Minimums and Obstacle DP, Amdt 3
Sevierville, TN, Gatlinburg-Pigeon Forge, VOR/DME RWY 10, Amdt 6A
Nacogdoches, TX, A L Mangham JR. Rgnl, ILS OR LOC RWY 36, Amdt 3A
Land O'Lakes, WI, Kings Land O'Lakes, NDB RWY 14, Orig, CANCELED
Land O'Lakes, WI, Kings Land O'Lakes, NDB RWY 32, Orig, CANCELED

Effective 6 FEBRUARY 2014

Haines, AK, Haines, Takeoff Minimums and Obstacle DP, Orig, CANCELED
Sacramento, CA, Sacramento Executive, ILS OR LOC RWY 2, Amdt 24A
Sacramento, CA, Sacramento Executive, RNAV (GPS) RWY 2, Orig-A
Sacramento, CA, Sacramento Executive, VOR RWY 2, Amdt 10A
San Diego/El Cajon, CA, Gillespie Field, RNAV (GPS) RWY 17, Amdt 2A
Greeley, CO, Greeley-Weld County, VOR-A, Amdt 9A
Homestead, FL, Homestead General Aviation, RNAV (GPS) RWY 28, Orig
Zephyrhills, FL, Zephyrhills Muni, NDB RWY 4, Amdt 1A, CANCELED
Zephyrhills, FL, Zephyrhills Muni, RNAV (GPS) RWY 4, Orig-B, CANCELED
Zephyrhills, FL, Zephyrhills Muni, RNAV (GPS) RWY 22, Orig-A, CANCELED
Hilo, HI, Hilo Intl, RNAV (GPS) RWY 21, Orig-A
Chicago, IL, Chicago Midway Intl, RNAV (GPS) Z RWY 22L, Orig
Chicago, IL, Chicago Midway Intl, RNAV (RNP) Y RWY 22L, Orig
Chicago, IL, Chicago Midway Intl, VOR/DME RNAV OR GPS RWY 22L, Amdt 3C, CANCELED
Taylorville, IL, Taylorville Muni, NDB RWY 18, Amdt 4A, CANCELED
Gladwin, MI, Gladwin Zettel Memorial, NDB RWY 27, Amdt 4, CANCELED
Romeo, MI, Romeo State, VOR/DME-A, Amdt 8, CANCELED
Minneapolis, MN, Minneapolis-St Paul Intl/Wold-Chamberlain, RNAV (GPS) RWY 4, Amdt 2A
Clinton, NC, Clinton-Sampson County, RNAV (GPS) Z RWY 24, Orig-A
Teterboro, NJ, Teterboro, RNAV (GPS) X RWY 6, Amdt 1
Brockport, NY, Ledgedale Airpark, RNAV (GPS) RWY 28, Amdt 1A
Prineville, OR, Prineville, NDB RWY 10, Amdt 1
Prineville, OR, Prineville, RNAV (GPS) RWY 10, Amdt 1
Prineville, OR, Prineville, RNAV (GPS) RWY 28, Amdt 1
Beaumont/Port Arthur, TX, Jack Brooks Rgnl, ILS OR LOC RWY 12, Amdt 23A
Omak, WA, Omak, Takeoff Minimums and Obstacle DP, Amdt 1

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
LIT VORTAC	ALMOW (FO)	348.53 / 15.42	2700
BIBBS (IAF)	ALMOW (NOPT) (FB)	093.70 / 19.65	2700
DUMPI (IAF)	ALMOW (NOPT) (FB)	266.38 / 13.36	2700
ALMOW (IF/IAF)	RUZAL (FB)	179.51 / 6.50	1900
RUZAL (FAF)	ZEDEB/2.30 NM TO RW18 (FB)	179.51 / 2.70	
ZEDEB/2.30 NM TO RW18	RW18 (MAP) (FO)	179.51 / 2.30	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW18
LNAV: RW18

CLIMB TO 4000 DIRECT FEHXE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 359.51 INBOUND.
CHART FAS OBST: 558 TOWER 344621N/0921445W
CHART FAS OBST: 466 ELEVATOR 344547N/0921416W
CHART R-2403A AND R-2403B.
WAAS CHANNEL # 45624
REFERENCE PATH ID: W18A
RUZAL TO RW18: 3.00/50.
749 AAO 344937N/0921527W
CHART: ASR
LTP HAE: 52.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ALMOW, RT, 179.51 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 179.51 FAF: RUZAL DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: ALMOW 2700, RUZAL 1900, ZEDEB/2.30 NM TO RW18 1040
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW18 3300

MAG VAR: 2E 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	720	1	461	720	1	461	720	1 3/8	461	720	1 3/8	461			
LNAV MDA	820	1	561	820	1	561	820	1 5/8	561	820	1 5/8	561			
CIRCLING	820	1	554	820	1	554	940	2	674	1180	3	914			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LIT VORTAC AIRWAY RADIALS 273 CW 059.
CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN RESTRICTED AREAS R-2403A/B IN EFFECT.
CHART NOTE: RWY 18 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED

@ CAT D 1000-3

CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1B 9 JANUARY 2014	AMDT: 1A DATED 08/25/2011

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 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
RW18 (MAP)	666 MSL	179.51	
666 MSL	FEHXE (FO)		4000

CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1B 9 JANUARY 2014	AMDT: 1A
				DATED: 08/25/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLIT
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	344423.2435N
LTP/FTP LONGITUDE	0921417.1395W
LTP/FTP ELLIPSOIDAL HEIGHT	+00523
FPAP LATITUDE	344254.0200N
FPAP LONGITUDE	0921419.9900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0856
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	9B7A5579

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00789
FPAP ORTHOMETRIC HEIGHT	+00789

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ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        LIT   K4011390VTHW N34403962W092104990    N34403962W092104990E0050002402     NARLITTLE ROCK

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ALMOW K40    W     N34555389W092135505                    E0006     NAR           ALMOW
          SUSAEAENRT   BIBBS K40    C   L N34575351W092374185                    E0009     NAR           BIBBS
          SUSAEAENRT   DUMPI K40    C   L N34561771W091574086                    E0004     NAR           DUMPI
          SUSAEAENRT   FEHXE K40    W     N34292760W092144582                    E0006     NAR           FEHXE
          SUSAEAENRT   RUZAL K40    W     N34492339W092140755                    E0006     NAR           RUZAL
          SUSAEAENRT   ZEDEB K40    W     N34464142W092141273                    E0006     NAR           ZEDEB

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLITK4ALIT     0     082YHN34434600W092132920E002000266         18000018000C    MNAR    BILL AND HILLARY CLINTON NATIO

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLITK4FR18   ABIBBS 010BIBBSK4EA0E  A    IF                                          18000                A JS
          SUSAP KLITK4FR18   ABIBBS 020ALMOWK4EA0EE B 010TF                    09370197    + 02700                      A JS
          SUSAP KLITK4FR18   ADUMPI 010DUMPIK4EA0E  A    IF                                          18000                A JS
          SUSAP KLITK4FR18   ADUMPI 020ALMOWK4EA0EE B 010TF                    26640134    + 02700                      A JS
          SUSAP KLITK4FR18   ALIT   010LIT  K4D 0V       IF                                          18000                A JS
          SUSAP KLITK4FR18   ALIT   020ALMOWK4EA0EY   020TF                    34850154    + 02700                      A JS
          SUSAP KLITK4FR18   ALIT   030ALMOWK4EA0EE AR   HF                    17950040    + 02700                      A JS
          SUSAP KLITK4FR18   R      010ALMOWK4EA0E  I    IF                                + 02700     18000            A JS
          SUSAP KLITK4FR18   R      020RUZALK4EA1E  F 051TF                    17950065    + 01900                RW18  K4PGA JS
          SUSAP KLITK4FR18   R      020RUZALK4EA2WALP          N          ALNAV                                        JS
          SUSAP KLITK4FR18   R      021ZEDEBK4EA0E S  031TF                    17950027    V 0104001041        -300     A JS
          SUSAP KLITK4FR18   R      030RW18 K4PG0GY M 031TF                    17950023      00309             -300     A JS
          SUSAP KLITK4FR18   R      040          0  M     CA                   1795        + 00666                      A JS
          SUSAP KLITK4FR18   R      050FEHXEK4EA0EY       DF                              + 04000                      A JS
          SUSAP KLITK4FR18   R      060FEHXEK4EA0EE  R    HM                   35950040    + 04000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLITK4GRW18    0062241795 N34442324W092141714-0100    +0052300259000050150R
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CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: **BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1B** 9 JANUARY 2014	AMDT: **1A**
				DATED: **08/25/2011**

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLITK4PR18   RW18 001 0000W18A0N3444232435W09214171395+005230300N3442540200W092141999001067508560000501F4000009B7A5579
        SUSAP KLITK4PR18   RW18 002E      +00789+00789LP        45624

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLITK4SRW18 K4PG              0   18018003325                                                                       M
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CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1B 9 JANUARY 2014	AMDT: 1A
				DATED: 08/25/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BIBBS	BIBBS	010	IAF	IF		FB					
	BIBBS	ALMOW	020		TF		FB	1.0	093.7(095.7T)	019.7	AA 02700	
	DUMPI	DUMPI	010	IAF	IF		FB					
	DUMPI	ALMOW	020		TF		FB	1.0	266.4(268.4T)	013.4	AA 02700	
	LIT	LIT	010		IF		FB					
	LIT	ALMOW	020		TF		FO	2.0	348.5(350.5T)	015.4	AA 02700	
	LIT	ALMOW	030	IAF	HF	R	FO		179.5(181.5T)	004.0	AA 02700	
		ALMOW	010	FACF	IF		FB				AA 02700	
		RUZAL	020	FAF	TF		FB	0.5	179.5(181.5T)	006.5	AA 01900	
		ZEDEB	021	SDF	TF		FB	0.3	179.5(181.5T)	002.7	AA 01040 GS 01041	
		RW18	030	MAP	TF		FO	0.3	179.5(181.5T)	002.3	AT 00309	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		179.5(181.5T)		AA 00666	
	FEHXE	050		DF		FO				AA 04000	
	FEHXE	060		HM	R	FO		359.5(001.5T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LIT	N344039.62	W0921049.90	N3440.660	W09210.832
	ALMOW	N345553.89	W0921355.05	N3455.898	W09213.918
	BIBBS	N345753.51	W0923741.85	N3457.892	W09237.698
	DUMPI	N345617.71	W0915740.86	N3456.295	W09157.681
	FEHXE	N342927.60	W0921445.82	N3429.460	W09214.764
	RUZAL	N344923.39	W0921407.55	N3449.390	W09214.126
	ZEDEB	N344641.42	W0921412.73	N3446.690	W09214.212
	RW18	N344423.24	W0921417.14	N3444.387	W09214.286

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00259	50

CITY AND STATE	ELEVATION: **266** **THRE: 259**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: **BILL AND HILLARY CLINTON NATIONAL/ADAMS FIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1B** 9 JANUARY 2014	AMDT: **1A**
				DATED: **08/25/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RZC VORTAC	ZAVOR (FO)	180.80 / 15.57	3800
SUMMO	WELAD (FB)	080.72 / 9.31	3800
CASKS	ESOVE (FB)	316.76 / 15.91	4100
BARKK (IAF)	ZAVOR (NOPT) (FB)	012.94 / 11.58	3800
ESOVE (IAF)	ZAVOR (NOPT) (FB)	273.13 / 5.00	3800
WELAD (IAF)	ZAVOR (NOPT) (FB)	093.01 / 5.00	3800
ZAVOR (IF/IAF)	HAPOD (FB)	003.07 / 6.01	3000
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV: RW36

CLIMB TO 3300 DIRECT FITAL AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 183.11 INBOUND.
CHART FAS OBST: 1666 TOWER 360546N/0940836W
DISTANCE TO THLD FROM 250 HATH: 0.65 NM.
WAAS CHANNEL # 77512
REFERENCE PATH ID: W36A
CHART CIRCLING ICON
LTP HAE: 384.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ZAVOR, RT, 003.07 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 003.08 FAF: HAPOD DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: ZAVOR 3800, HAPOD 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: HAPOD 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW36 4500

MAG VAR: 4E 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	1602	1	250	1602	1	250	1602	1	250	1602	1	250			
LNAV MDA	1960	1	608	1960	1	608	1960	1 3/4	608	1960	1 3/4	608			
CIRCLING	1960	1	607	2000	1	647	2020	1 3/4	667	2220	2 3/4	867			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: CIRCLING NA EAST OF RWY 18-36.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FAYETTEVILLE/DRAKE FIELD ALTIMETER (SEE FORM 8260-10)

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

CITY AND STATE	ELEVATION: 1353 THRE: 1352 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SPRINGDALE, AR	SPRINGDALE MUNI	RNAV	RNAV (GPS) RWY 36, AMDT 1C 9 JANUARY 2014	AMDT: 1B DATED 06/27/2013

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HAPOD (FAF)	RW36 (MAP) (FO)	003.08 / 4.96	
RW36 (MAP)	1602 MSL	003.08	
1602 MSL	FITAL (FO)		3300

NOTES, (CONT.):

SETTING AND INCREASE ALL DA 39 FEET AND ALL MDA 40 FEET; INCREASE VISIBILITY LNAV CAT C/D 1/8 MILE AND CIRCLING CAT C/D 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: RWY 36 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASG
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	361009.0275N
LTP/FTP LONGITUDE	0940713.2840W
LTP/FTP ELLIPSOIDAL HEIGHT	+03842
FPAP LATITUDE	361137.5700N
FPAP LONGITUDE	0940659.6900W
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	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AAB5AE7D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04122
FPAP ORTHOMETRIC HEIGHT	+04122

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        RZC   K4011640VTHW N36144714W094071701    N36144714W094071701E0040013322     NARRAZORBACK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BARKK K40    C   L N35480929W094130284                    E0019     NAR          BARKK
        SUSAEAENRT   CASKS K40    R   L N35461799W093502250                    E0017     NAR          CASKS
        SUSAEAENRT   ESOVE K40    W     N35583778W094024658                    E0018     NAR          ESOVE
        SUSAEAENRT   FITAL K40    W     N36215393W094052490                    E0018     NAR          FITAL
        SUSAEAENRT   HAPOD K40    W     N36051330W094075860                    E0018     NAR          HAPOD
        SUSAEAENRT   SUMMO K40    R   L N35590075W094262600                    E0021     NAR          SUMMO
        SUSAEAENRT   WELAD K40    W     N35595173W094150030                    E0019     NAR          WELAD
        SUSAEAENRT   ZAVOR K40    W     N35591491W094085339                    E0019     NAR          ZAVOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KASGK4AASG     0     053YHN36103500W094070930E004001353         1800018000C    MNAR    SPRINGDALE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KASGK4FR36   ABARKK 010BARKKK4EA0E  A    IF                                                18000                A JS
        SUSAP KASGK4FR36   ABARKK 020ZAVORK4EA0EE B 010TF                    01290116    + 03800                                A JS
        SUSAP KASGK4FR36   ACASKS 010CASKSK4EA0E       IF                                                18000                A JS
        SUSAP KASGK4FR36   ACASKS 020ESOVEK4EA0E  A 020TF                    31680159    + 04100                                A JS
        SUSAP KASGK4FR36   ACASKS 030ZAVORK4EA0EE B 010TF                    27310050    + 03800                                A JS
        SUSAP KASGK4FR36   ARZC   010RZC  K4D 0V       IF                                                18000                A JS
        SUSAP KASGK4FR36   ARZC   020ZAVORK4EA0EY   020TF                    18080156    + 03800                                A JS
        SUSAP KASGK4FR36   ARZC   030ZAVORK4EA0EE AR   HF                    00310040    + 03800                                A JS
        SUSAP KASGK4FR36   ASUMMO 010SUMMOK4EA0E       IF                                                18000                A JS
        SUSAP KASGK4FR36   ASUMMO 020WELADK4EA0E  A 020TF                    08070093    + 03800                                A JS
        SUSAP KASGK4FR36   ASUMMO 030ZAVORK4EA0EE B 010TF                    09300050    + 03800                                A JS
        SUSAP KASGK4FR36   R      010ZAVORK4EA0E  I    IF                                + 03800    18000                       A JS
        SUSAP KASGK4FR36   R      020HAPODK4EA1E  F 051TF                    00310060    + 03000                RW36  K4PGA JS
        SUSAP KASGK4FR36   R      020HAPODK4EA2WALPV       N          ALNAV                                                    JS
        SUSAP KASGK4FR36   R      030RW36 K4PG0GY M 031TF                    00310050      01397                -300          A JS
        SUSAP KASGK4FR36   R      040          0  M     CA                    0031        + 01602                             A JS
        SUSAP KASGK4FR36   R      050FITALK4EA0EY       DF                                + 03300                             A JS
        SUSAP KASGK4FR36   R      060FITALK4EA0EE  R    HM                    18310040    + 03300                             A JS
```

CITY AND STATE	ELEVATION: 1353 THRE: 1352	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPRINGDALE, AR	AIRPORT NAME: **SPRINGDALE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1C** 9 JANUARY 2014	AMDT: **1B**
				DATED: **06/27/2013**

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```
                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------------
          SUSAP KASGK4GRW36     0053020031 N36100903W094071328-0200     +038420135200004507 6R

                  1         2         3         4         5         6         7         8         9         0         1         2         3
PP        123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------------
          SUSAP KASGK4PR36    RW36 001 0000W36A0N3610090275W09407132840+038420300N3611375700W094065969001067511360004 50F400500AAB5AE7D
          SUSAP KASGK4PR36    RW36 002E       +04122+04122LPV       77512

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------------
          SUSAP KASGK4SRW36 K4PG               0    18018004525                                                                      M
```

CITY AND STATE	ELEVATION: 1353 THRE: 1352	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPRINGDALE, AR	AIRPORT NAME: **SPRINGDALE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1C** 9 JANUARY 2014	AMDT: **1B**
				DATED: **06/27/2013**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BARKK	BARKK	010	IAF	IF		FB					
	BARKK	ZAVOR	020		TF		FB	1.0	012.9(016.9T)	011.6	AA 03800	
	CASKS	CASKS	010		IF		FB					
	CASKS	ESOVE	020	IAF	TF		FB	2.0	316.8(320.8T)	015.9	AA 04100	
	CASKS	ZAVOR	030		TF		FB	1.0	273.1(277.1T)	005.0	AA 03800	
	RZC	RZC	010		IF		FB					
	RZC	ZAVOR	020		TF		FO	2.0	180.8(184.8T)	015.6	AA 03800	
	RZC	ZAVOR	030	IAF	HF	R	FO		003.1(007.1T)	004.0	AA 03800	
	SUMMO	SUMMO	010		IF		FB					
	SUMMO	WELAD	020	IAF	TF		FB	2.0	080.7(084.7T)	009.3	AA 03800	
	SUMMO	ZAVOR	030		TF		FB	1.0	093.0(097.0T)	005.0	AA 03800	
		ZAVOR	010	FACF	IF		FB				AA 03800	
		HAPOD	020	FAF	TF		FB	0.5	003.1(007.1T)	006.0	AA 03000	
		RW36	030	MAP	TF		FO	0.3	003.1(007.1T)	005.0	AT 01397	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.1(007.1T)		AA 01602	
	FITAL	050		DF		FO				AA 03300	
	FITAL	060		HM	R	FO		183.1(187.1T)	004.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RZC	N361447.14	W0940717.01	N3614.786	W09407.284
	BARKK	N354809.29	W0941302.84	N3548.155	W09413.047
	CASKS	N354617.99	W0935022.50	N3546.300	W09350.375
	ESOVE	N355837.78	W0940246.58	N3558.630	W09402.776
	FITAL	N362153.93	W0940524.90	N3621.899	W09405.415
	HAPOD	N360513.30	W0940758.60	N3605.222	W09407.977
	SUMMO	N355900.75	W0942626.00	N3559.013	W09426.433
	WELAD	N355951.73	W0941500.30	N3559.862	W09415.005
	ZAVOR	N355914.91	W0940853.39	N3559.249	W09408.890
	RW36	N361009.03	W0940713.28	N3610.151	W09407.221

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01352	45

CITY AND STATE	ELEVATION: 1353 THRE: 1352	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPRINGDALE, AR	AIRPORT NAME: **SPRINGDALE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1C** 9 JANUARY 2014	AMDT: **1B**
				DATED: **06/27/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TNP VORTAC	WISIR (FO)	081.83 / 7.67	6000
JEHLI (IAF)	WISIR (NOPT) (FB)	247.24 / 2.39	6000
WISIR (IF/IAF)	HURDI (FB)	264.94 / 6.00	4800
HURDI	ZEDAB (FB)	264.88 / 4.00	3800
ZEDAB (FAF)	JUXIX (MAP) (FO)	264.83 / 5.50	
JUXIX (MAP)	2288 MSL	264.83	
2288 MSL	WISIR (FO)		6000

MISSED APPROACH

LP: JUXIX
LNAV: JUXIX

CLIMBING RIGHT TURN TO 6000 DIRECT WISIR AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E WISIR, LT, 264.94 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
3. FAC: 264.83 FAF: ZEDAB DIST FAF TO MAP: 5.50 THLD: 5.99
4. MIN. ALT: WISIR 6000, HURDI 4800, ZEDAB 3800
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: JUXIX 7100

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 1809 TREE 340803N/1155540W
FAS OBST: 1909 TREE 340739N/1155629W
CHART SUNDANCE MOA.
WAAS CHANNEL # 70634
REFERENCE PATH ID: W26A
ZEDAB TO RW26: 3.10/40.
FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 7.17 DEGREES.
LTP HAE: 512.6 M
CHART CIRCLING ICON

MAG VAR: 12E EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	2940	1 1/4	1154	2940	1 1/2	1154		NA			NA				
@@LNAV MDA	3080	1 1/4	1294	3080	1 1/2	1294		NA			NA				
LNAV MDA	3180	1 1/4	1394	3180	1 1/2	1394		NA			NA				
CIRCLING	3300	1 1/4	1412	3340	1 1/2	1452		NA			NA				

NOTES:
CHART NOTE: @@MISSED APPROACH REQUIRES MINIMUM CLIMB OF 425 FEET PER NM TO 3900.
CHART NOTE: USE PALM SPRINGS INTL ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.
CHART NOTE: CIRCLING NA SOUTH OF RWY 8-26.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TNP VORTAC AIRWAY RADIALS 028 CW 043.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1888 THRE: 1786	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TWENTYNINE PALMS, CA	AIRPORT NAME: TWENTYNINE PALMS	RNAV	RNAV (GPS) RWY 26, AMDT 2	AMDT: 1A
			9 JANUARY 2014	DATED 12/17/2009

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTNP
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	340804.1500N
LTP/FTP LONGITUDE	1155530.9100W
LTP/FTP ELLIPSOIDAL HEIGHT	+05126
FPAP LATITUDE	340818.1235N
FPAP LONGITUDE	1155752.6920W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	F4D6001A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+05445
FPAP ORTHOMETRIC HEIGHT	+05445

QUALITY 9 CHECKED

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        TNP   K2011420VTL  N34064404W115461166    N34064404W115461166E0150013741     NARTWENTYNINE PALMS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HURDI K20    W     N34065631W115440917                    E0119     NAR           HURDI
        SUSAEAENRT   JEHLI K20    C   L N34063980W115340907                    E0118     NAR           JEHLI
        SUSAEAENRT   JUXIX K20    W     N34080415W115553091                    E0119     NAR           JUXIX
        SUSAEAENRT   WISIR K20    W     N34061293W115365876                    E0118     NAR           WISIR
        SUSAEAENRT   ZEDAB K20    W     N34072500W115485618                    E0119     NAR           ZEDAB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTNPK2ATNP     0     055YHN34075370W115564490E012001888         1800018000C    MNAR    TWENTYNINE PALMS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTNPK2FR26   AJEHLI 010JEHLIK2EA0E  A    IF                                          18000                A JS
        SUSAP KTNPK2FR26   AJEHLI 020WISIRK2EA0EE B 010TF                    24720024    + 06000                      A JS
        SUSAP KTNPK2FR26   ATNP   010TNP  K2D 0V       IF                                          18000                A JS
        SUSAP KTNPK2FR26   ATNP   020WISIRK2EA0EY   020TF                    08180077    + 06000                      A JS
        SUSAP KTNPK2FR26   ATNP   030WISIRK2EA0EE AL   HF                    26490050    + 06000                      A JS
        SUSAP KTNPK2FR26   R      010WISIRK2EA0E  I    IF                                + 06000     18000            A JS
        SUSAP KTNPK2FR26   R      011HURDIK2EA0E S  051TF                    26490060    + 04800                      A JS
        SUSAP KTNPK2FR26   R      020ZEDABK2EA1E  F 051TF                    26490040    + 03800          JUXIX K2EAA JS
        SUSAP KTNPK2FR26   R      020ZEDABK2EA2WALP         N          ALNAV                                          JS
        SUSAP KTNPK2FR26   R      030JUXIXK2EA0EY M 031TF                    26480055      01987            -310      A JS
        SUSAP KTNPK2FR26   R      040         0  M     CA                    2648        + 02288                      A JS
        SUSAP KTNPK2FR26   R      050WISIRK2EA0EY  R   DF                              + 06000                      A JS
        SUSAP KTNPK2FR26   R      060WISIRK2EA0EE  L   HM                    26490050    + 06000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTNPK2GRW26    0055312577 N34080398W115560659+1600    +0512601786000040075R

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

CHECKED

CITY AND STATE	ELEVATION: 1888 THRE: 1786	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TWENTYNINE PALMS, CA	AIRPORT NAME: **TWENTYNINE PALMS**	**RNAV**	**RNAV (GPS) RWY 26, AMDT 2** 9 JANUARY 2014	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KTNPK2PR26   RW26 001 0000W26A0N3408041500W11555309100+051260310N3408181235W115575269201067500000000400F400000F4D6001A
        SUSAP KTNPK2PR26   RW26 002E      +05445+05445LP        70634
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTNPK2SJUXIXK2EA                0   18018007125                                                                          M
```

CITY AND STATE	ELEVATION: 1888 THRE: 1786	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TWENTYNINE PALMS, CA	AIRPORT NAME: TWENTYNINE PALMS	RNAV	RNAV (GPS) RWY 26, AMDT 2 9 JANUARY 2014	AMDT: 1A DATED: 12/17/2009

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JEHLI	JEHLI	010	IAF	IF		FB					
	JEHLI	WISIR	020		TF		FB	1.0	247.2(259.2T)	002.4	AA 06000	
	TNP	TNP	010		IF		FB					
	TNP	WISIR	020		TF		FO	2.0	081.8(093.8T)	007.7	AA 06000	
	TNP	WISIR	030	IAF	HF	L	FO		264.9(276.9T)	005.0	AA 06000	
		WISIR	010	FACF	IF		FB				AA 06000	
		HURDI	011	SDF	TF		FB	0.5	264.9(276.9T)	006.0	AA 04800	
		ZEDAB	020	FAF	TF		FB	0.5	264.9(276.9T)	004.0	AA 03800	
		JUXIX	030	MAP	TF		FO	0.3	264.8(276.8T)	005.5	AT 01987	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		264.8(276.8T)		AA 02288	
	WISIR	050		DF	R	FO				AA 06000	
	WISIR	060		HM	L	FO		264.9(276.9T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TNP	N340644.04	W1154611.66	N3406.734	W11546.194
	HURDI	N340656.31	W1154409.17	N3406.939	W11544.153
	JEHLI	N340639.80	W1153409.07	N3406.663	W11534.151
	JUXIX	N340804.15	W1155530.91	N3408.069	W11555.515
	WISIR	N340612.93	W1153658.76	N3406.216	W11536.979
	ZEDAB	N340725.00	W1154856.18	N3407.417	W11548.936
	RW26	N340803.98	W1155606.59	N3408.066	W11556.110

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	01786	40

4

CITY AND STATE	ELEVATION: 1888 THRE: 1786	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TWENTYNINE PALMS, CA	AIRPORT NAME: **TWENTYNINE PALMS**	**RNAV**	**RNAV (GPS) RWY 26, AMDT 2** 9 JANUARY 2014	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
SAKIC (IF)	NEWLN (FB)	172.51 / 3.89	9000
NEWLN	MERYN (FB)	172.51 / 3.80	8000
MERYN	JETSN (FB)	172.51 / 3.15	7000
JETSN (FAF)	JEMGO/1.30 NM TO RW16R (FB)	172.51 / 3.80	
JEMGO/1.30 NM TO RW16R	RW16R (MAP) (FO)	172.51 / 1.30	
RW16R (MAP)(FO)	5900 MSL	172.51	5900
5900 MSL	BINBE (FO)		10000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16R

CLIMB TO 5900 THEN CLIMBING RIGHT TURN TO 10000 DIRECT BINBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 257.46 INBOUND.
CHART FAS OBST: 5389 TREE 395420N/1044059W
CHART 5559 TOWER 395545N/1044054W.
WAAS CHANNEL # 82628
REFERENCE PATH ID: W16B
CHART VDP AT 0.78 MILES TO RWY16R*
*LNAV ONLY.
LTP HAE: 1604 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SAKIC
3. FAC: 172.51 FAF: JETSN DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: SAKIC 10000, NEWLN 9000, MERYN 8000, JETSN 7000, JEMGO 5780*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: JETSN 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
8. MSA FROM: RW16R 10200

MAG VAR: 8E EPOCH YEAR: 2015

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	5522	2400	200	5522	2400	200	5522	2400	200	5522	2400	200			
LNAV/VNAV DA	5585	2400	263	5585	2400	263	5585	2400	263	5585	2400	263			
LNAV MDA	5640	2400	318	5640	2400	318	5640	2400	318	5640	2400	318			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 46C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17L/R.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5322 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 16R
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1A 9 JANUARY 2014	AMDT: 1 DATED 11/15/2012

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

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, LNAV CAT C/D VISIBILITY TO RVR 4500.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE	ELEVATION: 5434 THRE: 5322	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 16R
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1A 9 JANUARY 2014	AMDT: 1
				DATED: 11/15/2012

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16B
LTP/FTP LATITUDE	395344.8690N
LTP/FTP LONGITUDE	1044145.9005W
LTP/FTP ELLIPSOIDAL HEIGHT	+16040
FPAP LATITUDE	395106.7900N
FPAP LONGITUDE	1044147.7300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	135.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	BA4B809A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16221
FPAP ORTHOMETRIC HEIGHT	+16221

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BINBE K20    C   L N39401074W104565055                    E0086     NAR           BINBE
          SUSAEAENRT   JEMGO K20    W     N39550293W104414500                    E0085     NAR           JEMGO
          SUSAEAENRT   JETSN K20    C     N39585083W104414236                    E0085     NAR           JETSN
          SUSAEAENRT   MERYN K20    C     N40020023W104414016                    E0085     NAR           MERYN
          SUSAEAENRT   NEWLN K20    C     N40054840W104413751                    E0085     NAR           NEWLN
          SUSAEAENRT   SAKIC K20    C     N40094217W104413479                    E0085     NAR           SAKIC

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2ADEN     0     160YHN39514200W104402340E008005434         1800018000C    MNAR     DENVER INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2FR16RY R      010SAKICK2EA0E  I    IF                                + 10000     18000              A JS
          SUSAP KDENK2FR16RY R      011NEWLNK2EA0E S  051TF                    17250039     + 09000                        A JS
          SUSAP KDENK2FR16RY R      012MERYNK2EA0E S  051TF                    17250038     + 08000                        A JS
          SUSAP KDENK2FR16RY R      020JETSNK2EA1E  F 051TF                    17250032     + 07000                RW16RAK2PGA JS
          SUSAP KDENK2FR16RY R      020JETSNK2EA2WALPV       ALNAV/VNAV ALNAV                                             JS
          SUSAP KDENK2FR16RY R      021JEMGOK2EA0E S  031TF                    17250038     V 0578005790       -300      A JS
          SUSAP KDENK2FR16RY R      030RW16RK2PG0GY M 031TF                    17250013       05377            -300      A JS
          SUSAP KDENK2FR16RY R      040         0  M     CA                    1725         + 05900                        A JS
          SUSAP KDENK2FR16RY R      050BINBEK2EA0EY  R   DF                                + 10000                        A JS
          SUSAP KDENK2FR16RY R      060BINBEK2EA0EE  R   HM                    25750070     + 10000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2GRW16R   0160001725 N39534487W104414590+0000    +160400532200005520OIIDQQ1

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2PR16RY RW16R001Y0000W16B0N3953448690W10441459005+160400300N3951067900W1044147730013575000000551F400350BA4B809A
          SUSAP KDENK2PR16RY RW16R002E      +16221+16221LPV       82628

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2SRW16RK2PGA             0   18018010225                                                          M
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CITY AND STATE	ELEVATION: 5434 THRE: 5322	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 16R
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 16R, AMDT 1A 9 JANUARY 2014	AMDT: 1 DATED: 11/15/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		SAKIC	010	FACF	IF		FB				AA 10000	
		NEWLN	011	SDF	TF		FB	0.5	172.5(180.5T)	003.9	AA 09000	
		MERYN	012	SDF	TF		FB	0.5	172.5(180.5T)	003.8	AA 08000	
		JETSN	020	FAF	TF		FB	0.5	172.5(180.5T)	003.2	AA 07000	
		JEMGO	021	SDF	TF		FB	0.3	172.5(180.5T)	003.8	AA 05780	GS 05790
		RW16R	030	MAP	TF		FO	0.3	172.5(180.5T)	001.3	AT 05377	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.5(180.5T)		AA 05900	
	BINBE	050		DF	R	FO				AA 10000	
	BINBE	060		HM	R	FO		257.5(265.5T)	007.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BINBE	N394010.74	W1045650.55	N3940.179	W10456.843
	JEMGO	N395502.93	W1044145.00	N3955.049	W10441.750
	JETSN	N395850.83	W1044142.36	N3958.847	W10441.706
	MERYN	N400200.23	W1044140.16	N4002.004	W10441.669
	NEWLN	N400548.40	W1044137.51	N4005.807	W10441.625
	SAKIC	N400942.17	W1044134.79	N4009.703	W10441.580
	RW16R	N395344.87	W1044145.90	N3953.748	W10441.765

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16R	05322	55

CITY AND STATE	ELEVATION: 5434 THRE: 5322 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DENVER, CO	**DENVER INTL**	**RNAV**	**RNAV (GPS) Y RWY 16R, AMDT 1A** 9 JANUARY 2014	**RNAV (GPS) Y RWY 16R**
				AMDT: **1**
				DATED: **11/15/2012**

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
KALHR (IF)	MERKL (FB)	352.51 / 3.24	10000
MERKL	RNOLD (FB)	352.51 / 4.08	9000
RNOLD	WINTR (FB)	352.51 / 6.68	7000
WINTR (FAF)	WOGIN/2.20 NM TO RW34L (FB)	352.51 / 2.90	
WOGIN/2.20 NM TO RW34L	RW34L (MAP) (FO)	352.51 / 2.20	
RW34L (MAP)	5900 MSL	352.51	5900
5900 MSL	HYGEN (FO)		10000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34L

CLIMB TO 5900 THEN CLIMBING LEFT TURN TO 10000 DIRECT HYGEN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 309.00 INBOUND.
CHART FAS OBST: 5473 TOWER 395104N/1044057W
FAS OBST: 5459 TREE 394839N/1044229W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 0.95 MILES TO RW34L*
*LNAV ONLY.
WAAS CHANNEL # 45619
REFERENCE PATH ID: W34A
LTP HAE: 1605.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KALHR
3. FAC: 352.51 FAF: WINTR DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: KALHR 10000, MERKL 10000, RNOLD 9000, WINTR 7000, WOGIN/2.20 NM TO RW34L 6060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: WINTR 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW34L 10200

MAG VAR: 8E EPOCH YEAR: 2015

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	5527	2400	200	5527	2400	200	5527	2400	200	5527	2400	200			
LNAV/VNAV DA	5660	3000	333	5660	3000	333	5660	3000	333	5660	3000	333			
LNAV MDA	5720	2400	393	5720	2400	393	5720	3500	393	5720	3500	393			

NOTES:
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.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5434 THRE: 5327 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34L
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 34L, AMDT 2A 9 JANUARY 2014	AMDT: 2 DATED 11/15/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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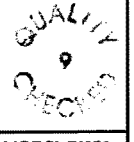
NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L/R.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.



CITY AND STATE	ELEVATION: 5434 THRE: 5327	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34L
DENVER, CO	AIRPORT NAME: DENVER INTL	RNAV	RNAV (GPS) Y RWY 34L, AMDT 2A 9 JANUARY 2014	AMDT: 2
				DATED: 11/15/2012

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDEN
RUNWAY	RW34L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	395106.7925N
LTP/FTP LONGITUDE	1044147.7165W
LTP/FTP ELLIPSOIDAL HEIGHT	+16056
FPAP LATITUDE	395344.8700N
FPAP LONGITUDE	1044145.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	135.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	04DB39C6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+16237
FPAP ORTHOMETRIC HEIGHT	+16237

Bearings, headings, courses, and radials are magnetic. Elevations 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   HYGEN K20    C   L N40090389W105105791                    E0087     NAR           HYGEN
          SUSAEAENRT   KALHR K20    C     N39320049W104420090                    E0084     NAR           KALHR
          SUSAEAENRT   MERKL K20    C     N39351505W104415867                    E0084     NAR           MERKL
          SUSAEAENRT   RNOLD K20    C     N39391992W104415586                    E0084     NAR           RNOLD
          SUSAEAENRT   WINTR K20    C     N39460084W104415125                    E0085     NAR           WINTR
          SUSAEAENRT   WOGIN K20    C     N39485469W104414924                    E0085     NAR           WOGIN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2ADEN     0     160YHN39514200W104402340E008005434         1800018000C    MNAR    DENVER INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2FR34LY R      010KALHRK2EA0E  I    IF                              + 10000     18000              A JS
          SUSAP KDENK2FR34LY R      011MERKLK2EA0E S  051TF                  35250032     + 10000                        A JS
          SUSAP KDENK2FR34LY R      012RNOLDK2EA0E S  051TF                  35250041     + 09000                        A JS
          SUSAP KDENK2FR34LY R      020WINTRK2EA1E  F 051TF                  35250067     + 07000              RW34L K2PGA JS
          SUSAP KDENK2FR34LY R      020WINTRK2EA2WALPV       ALNAV/VNAV ALNAV                                             JS
          SUSAP KDENK2FR34LY R      021WOGINK2EA0E S  031TF                  35250029     V 0606006077       -300        A JS
          SUSAP KDENK2FR34LY R      030RW34LK2PG0GY M 031TF                  35250022       05377            -300        A JS
          SUSAP KDENK2FR34LY R      040         0  M     CA                  3525         + 05900                        A JS
          SUSAP KDENK2FR34LY R      050HYGENK2EA0EY  L   DF                               + 10000                        A JS
          SUSAP KDENK2FR34LY R      060HYGENK2EA0EE  R   HM                  30900070     + 10000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2GRW34L   0160003525 N39510679W104414772+0000    +160560532700005020OIIDXU1

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2PR34LY RW34L001Y0000W34A0N3951067925W10441477165+160560300N3953448700W1044145890013575000000500F40035004DB39C6
          SUSAP KDENK2PR34LY RW34L002E      +16237+16237LPV       45619

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDENK2SRW34LK2PG              0   18018010225                                                              M
```

CITY AND STATE	ELEVATION: **5434** **THRE: 5327**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 34L**
DENVER, CO	AIRPORT NAME: **DENVER INTL**	**RNAV**	**RNAV (GPS) Y RWY 34L, AMDT 2A** 9 JANUARY 2014	AMDT: **2**
				DATED: **11/15/2012**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		KALHR	010	FACF	IF		FB				AA 10000	
		MERKL	011	SDF	TF		FB	0.5	352.5(000.5T)	003.2	AA 10000	
		RNOLD	012	SDF	TF		FB	0.5	352.5(000.5T)	004.1	AA 09000	
		WINTR	020	FAF	TF		FB	0.5	352.5(000.5T)	006.7	AA 07000	
		WOGIN	021	SDF	TF		FB	0.3	352.5(000.5T)	002.9	AA 06060 GS 06077	
		RW34L	030	MAP	TF		FO	0.3	352.5(000.5T)	002.2	AT 05377	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		352.5(000.5T)		AA 05900	
	HYGEN	050		DF	L	FO				AA 10000	
	HYGEN	060		HM	R	FO		309.0(317.0T)	007.0	AA 10000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HYGEN	N400903.89	W1051057.91	N4009.065	W10510.965
	KALHR	N393200.49	W1044200.90	N3932.008	W10442.015
	MERKL	N393515.05	W1044158.67	N3935.251	W10441.978
	RNOLD	N393919.92	W1044155.86	N3939.332	W10441.931
	WINTR	N394600.84	W1044151.25	N3946.014	W10441.854
	WOGIN	N394854.69	W1044149.24	N3948.912	W10441.821
	RW34L	N395106.79	W1044147.72	N3951.113	W10441.795

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34L	05327	50

CITY AND STATE	ELEVATION: 5434 THRE: 5327 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34L
DENVER, CO	DENVER INTL	RNAV	RNAV (GPS) Y RWY 34L, AMDT 2A 9 JANUARY 2014	AMDT: 2 DATED: 11/15/2012

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				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 9 JANUARY 2014

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 540 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SULLIVAN, IN	AIRPORT NAME: SULLIVAN COUNTY	RSV	VOR/DME-A, AMDT 2, 12/30/1999	AMDT 1A
				DATE 12/18/1998

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 9 JANUARY 2014

CHECKED

CITY AND STATE	ELEVATION: 1497 TDZE: 1494	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MCPHERSON, KS	AIRPORT NAME: MCPHERSON	MPR	NDB RWY 18, AMDT 1, 08/13/1998	AMDT ORIG
				DATE 12/13/1990

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

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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 9 JANUARY 2014

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2559 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GOTHENBURG, NE	**QUINN FIELD**	**DWL**	**NDB-A, ORIG, 10/26/2006**	AMDT **NONE**
				DATE

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.
OLEAN, NY	CATTARAUGUS COUNTY-OLEAN	9 JANUARY 2014	3

TAKEOFF MINIMUMS:

RWY 4, 22 STANDARD
RWY 16, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 328 FT PER NM TO 2400.
RWY 34, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 366 FT PER NM TO 2400.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES BEGINNING 10 FT FROM DER, 74 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/2186 FT MSL. TREES BEGINNING 12 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/2140 FT MSL.
NOTE: RWY 16, TREES BEGINNING 95 FT FROM DER, 374 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/2264 FT MSL. TREES BEGINNING 35 FT FROM DER, 387 FT RIGHT OF CENTERLINE, UP TO 71 FT AGL/2270 FT MSL.
NOTE: RWY 22, TREES BEGINNING 18 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/2185 FT MSL. TREES BEGINNING 31 FT FROM DER, 51 FT RIGHT OF CENTERLINE, UP TO 88 FT AGL/2167 FT MSL.
NOTE: RWY 34, TREES BEGINNING 191 FT FROM DER, 122 RIGHT OF CENTERLINE, UP TO 71 FT AGL/2221 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 2270 FT MSL TREE 421351.32N/0782150.54W
RWY 34: 2299 FT MSL TREE 421521.12N/0782230.82W

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.
OLEAN, NY	CATTARAUGUS COUNTY-OLEAN	9 JANUARY 2014	3

REMARKS:

FLIGHT INSPECTED BY:
Robert Bullard 6/21/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

GEORGE H. TRAMMELL AJV-352 5/13/2013

APPROVED BY:

SUE CRUMB AJV-352 NOV 13 2013

COORDINATED WITH:

ALPA, AOPA, NBAA, ARPT MGR, ZOB

CHANGES:

1. CHANGED RWY 16 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM UNTIL PASSING 2500 TO 200-1 OR STANDARD WITH MINIMUM CLIMB OF 328 FT PER NM TO 2400.
2. CHANGED RWY 34 TAKEOFF MINIMUMS FROM 300-1 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM UNTIL PASSING 2500 TO 200-1 OR STANDARD WITH MINIMUM CLIMB OF 366 TO 2400.
3. ADDED TAKEOFF OBSTACLE NOTES.
4. UPDATED FORMAT.

REASONS:

1,2. NEW CONTROLLING OBSTACLES DUE TO NEW SURVEY AND MAP STUDY.
3. IAW 8260-46D CHG 1 APPENDIX D, 1,8A.
4. CURRENT CRITERIA.

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VXV VORTAC (IAF)	**GAUNT/VXV 5.00 DME**	**101.88 / 5.00**	**3000**
GAUNT/VXV 5.00 DME (IF)	**FATTS/12.00 DME**	**101.88 / 7.00**	**3000**

MISSED APPROACH

MAP: VXV 17.61 DME FIX

CLIMBING LEFT TURN TO 4000 ON VXV VORTAC 19.32 DME CCW ARC TO PENCE INT/VXV 19.32 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 252.08 INBOUND.
CHART FAS OBST: 1530 TWR 355248N/0833310W
FATTS TO RW10: 3.26/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT VXV VORTAC**
3. FAC **101.88** FAF **FATTS/12.00 DME** DIST FAF TO MAP ____ THLD **5.61**
4. MIN. ALT **VXV VORTAC 3000, GAUNT 3000, FATTS 3000**
8. MSA FROM: **VXV VORTAC 090-200 7900, 200-090 5100**

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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	**1840**	**1**	**826**	**1840**	**1 1/4**	**826**	**1840**	**2 1/2**	**826**	**1840**	**2 3/4**	**826**			
CIRCLING	**1840**	**1**	**826**	**1880**	**1 1/4**	**866**	**1880**	**2 1/2**	**866**	**1880**	**2 3/4**	**866**			

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VXV VORTAC AIRWAY RADIALS 053 CW 102 (WESTBOUND).
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1014 TDZE: 1014 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SEVIERVILLE, TN	**GATLINBURG-PIGEON FORGE**	**VXV**	**VOR/DME RWY 10, AMDT 6A** 9 JANUARY 2014	AMDT **6**
				DATE **11/20/2008**

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MC GHEE-TYSON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE S-18 AND CIRCLING CATS A, C AND D VISIBILITIES 1/4 MILE.

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
ARMOR/LFK 28.00 DME	NADOS NDB/I-OCH 6.07 DME	171.57 / 8.66	2100
LFK VORTAC (IAF)	MAFIE/I-OCH 13.46 DME (NOPT)	351.86 / 11.99	2200
BODTA/LFK 12.00 DME CCW (IAF)	MAFIE/I-OCH 13.46 DME (NOPT)	12.00 DME ARC (LFK LR-002)	2400
MAFIE/I-OCH 13.46 DME (IF)	NADOS NDB/I-OCH 6.07 DME	359.49 / 7.38 (I-OCH)	2100

MISSED APPROACH

ILS: DA
LOC: 4.83 MILES AFTER NADOS NDB OR AT ZITGI/I-OCH 1.25 DME FIX.

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2100 DIRECT NADOS NDB AND HOLD; OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2400 DIRECT LFK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE LFK VORTAC, RT, 331.67 INBOUND.
CHART FAS OBST: 433 TREE 313328N/0944243W
CHART 563 TREE 312925N/0944310W.
CHART VDP AT 1.90 DME*;
DISTANCE VDP TO THLD 0.95 MILES.
*LOC ONLY.
CHART LFK R-082 AT BODTA.
CHART IN PLANVIEW: LFK VORTAC.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S NADOS NDB, LT, 359.49 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 359.49 FAF: NADOS NDB/I-OCH 6.07 DME DIST FAF TO MAP: 4.83 THLD: 5.13
4. MIN. ALT: NADOS NDB 2100, CATEB/I-OCH 2.61 DME 760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: - 150 HAT: - 100 HAT: - GS ANT: 825
6. MIN GS INCPT: 2100 GS ALT AT: - NADOS 2040 OM: ____ MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.3
8. MSA FROM: OC NDB 2400

MAG VAR: 5E 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
S-ILS 36	527	1/2	200	527	1/2	200	527	1/2	200		NA				
S-LOC 36	760	1/2	433	760	1/2	433	760	3/4	433		NA				
CIRCLING	860	1	505	860	1	505	860	1 1/2	505		NA				
CATEB FIX MINIMUMS (DME REQUIRED)															
S-LOC 36	700	1/2	373	700	1/2	373	700	1/2	373		NA				
CIRCLING	860	1	505	860	1	505	860	1 1/2	505		NA				

NOTES:
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
*LOC ONLY
*820 WHEN USING ANGELINA COUNTY ALTIMETER SETTING.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 355 THRE: 327 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	A L MANGHAM JR. RGNL	I-OCH	ILS OR LOC RWY 36, AMDT 3A 9 JANUARY 2014	AMDT: 3 DATED 10/25/2007

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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANGELINA COUNTY ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET AND INCREASE ALL S-LOC 36 CAT C VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING ANGELINA COUNTY ALTIMETER SETTING.
CHART NOTE: LOCALIZER UNUSABLE INSIDE 0.3 NM FROM THRESHOLD.

CITY AND STATE	ELEVATION: 355 THRE: 327 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	A L MANGHAM JR. RGNL	I-OCH	ILS OR LOC RWY 36, AMDT 3A 9 JANUARY 2014	AMDT: 3 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 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        LFK   K4011210VTHA N3109447 9W094430060    N31094479W094430060E0050002072     NARLUFKIN
          SUSAD KOCHK4 IOCH  K4011150 IT                    IOCHN31351153W094423055     003600     NARA L MANGHAM JR. RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ARMOR K40    R   B N31374767W094434913                    E0025     NAR           ARMOR
          SUSAEAENRT   BODTA K40    R   L N31102149W094290295                    E0023     NAR           BODTA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOCHK4AOCH     0     050YHN31343995W094423640E005000355         1800018000C    MNAR    A L MANGHAM JR. RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOCHK4CMAFIE K40    R     N31214488W094434737                    E0025     NAR           MAFIE
          SUSAP KOCHK4CNADOS K40    R     N31290761W094430693                    E0025     NAR           NADOS NDB

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOCHK4FI36   AARMOR 010ARMORK4EA0E       IF                                          18000                 0 NS
          SUSAP KOCHK4FI36   AARMOR 020NADOSK4PC0EY       TF                                  + 02100                       0 NS
          SUSAP KOCHK4FI36   AARMOR 030NADOSK4PC0EE AL    HF LFK K4      354701933595T010D    + 02100                       0 NS
          SUSAP KOCHK4FI36   ABODTA 010BODTAK4EA0E  A     IF LFK K4      08200120         D                 18000          0 NS
          SUSAP KOCHK4FI36   ABODTA 020MAFIEK4PC0EE BL    AF LFK K4      351801200820     D    + 02400                      0 NS
          SUSAP KOCHK4FI36   ALFK   010LFK  K4D 0V  A     FC LFK K4      00000000351901 00D   + 02200      18000           0 NS
          SUSAP KOCHK4FI36   ALFK   020MAFIEK4PC0EE B     CF IOCHK4      17950135351900 20PI  + 02200                      0 NS
          SUSAP KOCHK4FI36   I      010MAFIEK4PC0E  I     IF IOCHK4      17950135         PI  J 022000210018000              0 NS
          SUSAP KOCHK4FI36   I      020NADOSK4PC0E  F     CF IOCHK4      17950061359000 74PI  H 0210002040        -300OCN   K4PN0 NS
          SUSAP KOCHK4FI36   I      030RW36 K4PG0GY M     CF IOCHK4      17950009359000 51PI    00380             -300          0 NS
          SUSAP KOCHK4FI36   I      040          0  M     CA                        3595       + 01000                       0 NS
          SUSAP KOCHK4FI36   I      050NADOSK4PC0EY  L    DF                                   + 02100                       0 NS
          SUSAP KOCHK4FI36   I      060NADOSK4PC0EE  L    HM                        3595T010   + 02100                       0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOCHK4GRW36    0050003595 N31341531W094423873+0200    +00725003270000530 75IIOCH1
```

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3**
				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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4IIOCH1    011150RW36 N31351117W0944233583595N31342376W0944242580661 08250560300E00505300346

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4SOCN  K4PN              0   18018002425                                                                  M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKOCHK4 OCN   K4002530H MW N31290800W094431270                    E0050          NARNADOS
```

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3**
				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 SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARMOR	ARMOR	010		IF		FB					
	ARMOR	NADOS	020		TF		FO				AA 02100	
	ARMOR	NADOS	030	IAF	HF	L	FO		359.5()	T01.0	AA 02100	
	BODTA	BODTA	010	IAF	IF		FB					
	BODTA	MAFIE	020		AF	L	FB		082.0()		AA 02400	
	LFK	LFK	010	IAF	FC		FB		351.9()	010.0	AA 02200	
	LFK	MAFIE	020		CF		FB		351.9()	002.0	AA 02200	
		MAFIE	010	FACF	IF		FB				AA 02200 GI 02100	
		NADOS	020	FAF	CF		FB		359.0()	007.4	GI 02100 GS 02040	
		RW36	030	MAP	CF		FO		359.0()	005.1	AT 00380	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		359.5()		AA 01000	
	NADOS	050		DF	L	FO				AA 02100	
	NADOS	060		HM	L	FO		359.5()	T01.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LFK	N310944.79	W0944300.60	N3109.747	W09443.010
	IOCH (DME)	N313511.53	W0944230.55	N3135.192	W09442.509
	ARMOR	N313747.67	W0944349.13	N3137.795	W09443.819
	BODTA	N311021.49	W0942902.95	N3110.358	W09429.049
	MAFIE	N312144.88	W0944347.37	N3121.748	W09443.790
	NADOS	N312907.61	W0944306.93	N3129.127	W09443.116
	RW36	N313415.31	W0944238.73	N3134.255	W09442.646
	IOCH (LOC)	N313511.17	W0944233.58	N3135.186	W09442.560
	OCN	N312908.00	W0944312.70	N3129.133	W09443.212

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00327	53

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3**
				DATED: **10/25/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

```
ARINC PACKET - 424-18 - LOC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LFK   K4011210VTHA N31094479W094430060    N31094479W094430060E0050002072     NARLUFKIN
        SUSAD KOCHK4 IOCH  K4011150 IT                    IOCHN31351153W094423055     003600     NARA L MANGHAM JR. RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARMOR K40    R   B N31374767W094434913                      E0025     NAR           ARMOR
        SUSAEAENRT   BODTA K40    R   L N31102149W094290295                      E0023     NAR           BODTA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4AOCH     0     050YHN31343995W094423640E005000355         1800018000C    MNAR    A L MANGHAM JR. RGNL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4CCATEB K40    R     N31323531W094424787                      E0025     NAR           CATEB
        SUSAP KOCHK4CMAFIE K40    R     N31214488W094434737                      E0025     NAR           MAFIE
        SUSAP KOCHK4CNADOS K40    R     N31290761W094430693                      E0025     NAR           NADOS NDB
        SUSAP KOCHK4CZITGI K40    R     N31335684W094424040                      E0025     NAR           ZITGI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4FL36   AARMOR 010ARMORK4EA0E       IF                                          18000                 0 NS
        SUSAP KOCHK4FL36   AARMOR 020NADOSK4PC0EY      TF                                  + 02100                       0 NS
        SUSAP KOCHK4FL36   AARMOR 030NADOSK4PC0EE AL   HF LFK K4      354701933595T010D   + 02100                       0 NS
        SUSAP KOCHK4FL36   ABODTA 010BODTAK4EA0E  A    IF LFK K4      08200120        D              18000                 0 NS
        SUSAP KOCHK4FL36   ABODTA 020MAFIEK4PC0EE BL   AF LFK K4      351801200820    D   + 02400                       0 NS
        SUSAP KOCHK4FL36   ALFK   010LFK  K4D 0V  A    FC LFK K4      0000000035190100D   + 02200     18000                 0 NS
        SUSAP KOCHK4FL36   ALFK   020MAFIEK4PC0EE B    CF IOCHK4      1795013535190020PI  + 02200                       0 NS
        SUSAP KOCHK4FL36   L      010MAFIEK4PC0E  I    IF IOCHK4      17950135        PI  + 02200     18000                 0 NS
        SUSAP KOCHK4FL36   L      020NADOSK4PC0E  F    CF IOCHK4      1795006135900074PI  + 02100                 OCN   K4PN0 NS
        SUSAP KOCHK4FL36   L      021CATEBK4PC0E S     CF IOCHK4      1795002635900035PI  + 00760             -316          0 NS
        SUSAP KOCHK4FL36   L      030ZITGIK4PC0EY M    CF IOCHK4      1795001235900014PI    00481             -316          0 NS
        SUSAP KOCHK4FL36   L      040          0  M    CA                      3595        + 01000                       0 NS
        SUSAP KOCHK4FL36   L      050NADOSK4PC0EY  L   DF                                  + 02100                       0 NS
        SUSAP KOCHK4FL36   L      060NADOSK4PC0EE  L   HM                      3595T010    + 02100                       0 NS

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

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3** DATED: **10/25/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

```
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4GRW36     0050003595 N31341531W094423873+0200     +00725003270000530751IOCH1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4IIOCH1    011150RW36 N31351117W0944233583595N31342376W0944242580661 08250560300E00505300346

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KOCHK4SOCN  K4PN               0   18018002425                                                                  M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAPNKOCHK4 OCN   K4002530H MW N31290800W094431270                    E0050          NARNADOS
```

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3**
				DATED: **10/25/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARMOR	ARMOR	010		IF		FB					
	ARMOR	NADOS	020		TF		FO				AA 02100	
	ARMOR	NADOS	030	IAF	HF	L	FO		359.5()	T01.0	AA 02100	
	BODTA	BODTA	010	IAF	IF		FB					
	BODTA	MAFIE	020		AF	L	FB		082.0()		AA 02400	
	LFK	LFK	010	IAF	FC		FB		351.9()	010.0	AA 02200	
	LFK	MAFIE	020		CF		FB		351.9()	002.0	AA 02200	
		MAFIE	010	FACF	IF		FB				AA 02200	
		NADOS	020	FAF	CF		FB		359.0()	007.4	AA 02100	
		CATEB	021	SDF	CF		FB		359.0()	003.5	AA 00760	
		ZITGI	030	MAP	CF		FO		359.0()	001.4	AT 00481	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		359.5()		AA 01000	
	NADOS	050		DF	L	FO				AA 02100	
	NADOS	060		HM	L	FO		359.5()	T01.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LFK	N310944.79	W0944300.60	N3109.747	W09443.010
	IOCH (DME)	N313511.53	W0944230.55	N3135.192	W09442.509
	ARMOR	N313747.67	W0944349.13	N3137.795	W09443.819
	BODTA	N311021.49	W0942902.95	N3110.358	W09429.049
	CATEB	N313235.31	W0944247.87	N3132.589	W09442.798
	MAFIE	N312144.88	W0944347.37	N3121.748	W09443.790
	NADOS	N312907.61	W0944306.93	N3129.127	W09443.116
	ZITGI	N313356.84	W0944240.40	N3133.947	W09442.673
	RW36	N313415.31	W0944238.73	N3134.255	W09442.646
	IOCH (LOC)	N313511.17	W0944233.58	N3135.186	W09442.560
	OCN	N312908.00	W0944312.70	N3129.133	W09443.212

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00327	53

CITY AND STATE	ELEVATION: 355 THRE: 327	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NACOGDOCHES, TX	AIRPORT NAME: **A L MANGHAM JR. RGNL**	**I-OCH**	**ILS OR LOC RWY 36, AMDT 3A** 9 JANUARY 2014	AMDT: **3**
				DATED: **10/25/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 9 JANUARY 2014

CITY AND STATE	ELEVATION: 1704 TDZE: 1704	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LAND O'LAKES, WI	AIRPORT NAME: **KINGS LAND O'LAKES**	**LNL**	**NDB RWY 14, ORIG, 05/12/2005**	AMDT **NONE**
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 9 JANUARY 2014

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1704 TDZE: 1704	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LAND O'LAKES, WI	AIRPORT NAME: **KINGS LAND O'LAKES**	**LNL**	**NDB RWY 32, ORIG, 05/12/2005**	AMDT **NONE**
				DATE

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.
HAINES, AK	HAINES	08/22/2013	ORIG

TAKEOFF MINIMUMS:

CANCELLED EFFECTIVE 6 FEBRUARY 2014

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

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.
HAINES, AK	HAINES	08/22/2013	ORIG

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

DEVELOPED BY:

VICTOR B. NASO[illegible] AJV-354 08/29/2013

APPROVED BY:

LARRY STROU[illegible] AJV-354 NOV 18 2013

COORDINATED WITH:

CHANGES:

REASONS:

NEEDS TO BE REMOVED THIS IS NOT A PUBLISHED PROCEDURE, GUMLE (RNAV) IS A SPECIAL.

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
COUPS/SAC 9.00 DME (IAF)	TERUY/SAC 6.12 DME	334.00 / 0.24 (HDG) & 019.12 / 2.71 (I-SAC)	2000
TERUY/SAC 6.12 DME (IF)	SAC VORTAC (NOPT)	019.12 / 6.12 (I-SAC)	1500

MISSED APPROACH

ILS: DA
LOC: 4.40 MILES AFTER SAC VORTAC OR AT SAC 4.40 DME FIX

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 1600 DIRECT SAC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 119 TREE 382823N/1213121W
209 AAO 382733N/1213236W
CHART (UBIYI) AT INTERSECTION OF COUPS DR LEG AND INTERMEDIATE COURSE.

1. PT ___ SIDE OF COURSE ___ OUTBOUND ___ FT WITHIN ___ MILES OF ___ (IAF)
2. HOLD S SAC VORTAC, RT, 016.01 INBOUND, 1500 FT. IN LIEU OF PT (IAF)
3. FAC: 019.12 FAF: SAC VORTAC DIST FAF TO MAP: 4.40 THLD: 4.40
4. MIN. ALT: SAC VORTAC 1500
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1086
6. MIN GS INCPT: 1500 GS ALT AT: SAC VORTAC 1493 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 57.3
8. MSA FROM: SAC VORTAC 110-200 3100, 200-290 4100, 290-110 2700

MAG VAR: 14E EPOCH YEAR: 2010

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 2	294	1	273	294	1	273	294	1	273	294	1	273			
S-LOC 2	380	1	359	380	1	359	380	1	359	380	1	359			
CIRCLING	500	1	476	520	1	496	520	1 1/2	496	580	2	556			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: RWY 02 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 34 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SACRAMENTO INTL ALTIMETER SETTING AND INCREASE ALL DA 28 FT, ALL MDA 40 FT AND INCREASE S-LOC 2 CAT C/D VISIBILITY 1/4 MILE.

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

QUALITY 3 REVIEWED

CITY AND STATE	ELEVATION: 24 TDZE: 21 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	SACRAMENTO EXECUTIVE	I-SAC	ILS OR LOC RWY 2, AMDT 24A 6 FEBRUARY 2014	AMDT: 24 DATED 08/25/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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        SAC   K2011520VTHW N38263748W121330594    N38263748W121330594E0170000032     NARSACRAMENTO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COUPS K20    C   L N38185858W121390944                        E0139     NAR           COUPS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2ASAC     0     055YHN38304510W121293650E014000024          1800018000C    MNAR     SACRAMENTO EXECUTIVE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2CTERUY K20    R     N38212943W121372066                      E0139     NAR           TERUY
        SUSAP KSACK2CUBIYI K20    W     N38191307W121391317                      E0139     NAR           CNF(UBIYI)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2FI02   ACOUPS 010COUPSK2EA0E  A    IF                                                18000                0 NS
        SUSAP KSACK2FI02   ACOUPS 020UBIYIK2PC0E       TF                                      + 02000                      0 NS
        SUSAP KSACK2FI02   ACOUPS 030TERUYK2PC0EE B    CF ISACK2      1991011601910027PI       + 02000                      0 NS
        SUSAP KSACK2FI02   ASAC   010SAC  K2D 0VE AR   HF ISACK2      1991005501600T010PI      + 01500     18000            0 NS
        SUSAP KSACK2FI02   I      010TERUYK2PC0E  I    IF ISACK2      19910116          PI     J 0200001500180000           0 NS
        SUSAP KSACK2FI02   I      020SAC  K2D 0V  F    CF ISACK2      1991005501900061PI       H 0150001493        -300SAC  K2D 0 NS
        SUSAP KSACK2FI02   I      030RW02 K2PG0GY M    CF ISACK2      1991001101900044PI         00075             -300          0 NS
        SUSAP KSACK2FI02   I      040         0  M     CA                      0191             + 00600                      0 NS
        SUSAP KSACK2FI02   I      050SAC  K2D 0VY  L   DF                                       + 01600                      0 NS
        SUSAP KSACK2FI02   I      060SAC  K2D 0VE  R   HM                              0160T010  + 01600                      0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2GRW02     0055030191 N38301875W121300263+0100     -0025700017000057150IISAC1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2IISAC1   011030RW02 N38311332W1212917310191N38302558W1212950951089 10860600300E01405700020
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: **24** **TDZE: 21**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: **SACRAMENTO EXECUTIVE**	**I-SAC**	**ILS OR LOC RWY 2, AMDT 24A** 6 FEBRUARY 2014	AMDT: **24**
				DATED: **08/25/2011**

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2SSAC  K2D                 0   020110041251102900272529002003125                                                M
```

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	I-SAC	ILS OR LOC RWY 2, AMDT 24A 6 FEBRUARY 2014	AMDT: 24 DATED: 08/25/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	COUPS	COUPS	010	IAF	IF		FB					
	COUPS	UBIYI	020		TF		FB				AA 02000	
	COUPS	TERUY	030		CF		FB		019.1()	002.7	AA 02000	
	SAC	SAC	010	IAF	HF	R	FO		016.0()	T01.0	AA 01500	
		TERUY	010	FACF	IF		FB				AA 02000 GI 01500	
		SAC	020	FAF	CF		FB		019.0()	006.1	GI 01500 GS 01493	
		RW02	030	MAP	CF		FO		019.0()	004.4	AT 00075	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		019.1()		AA 00600	
	SAC	050		DF	L	FO				AA 01600	
	SAC	060		HM	R	FO		016.0()	T01.0	AA 01600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAC	N382637.48	W1213305.94	N3826.625	W12133.099
	COUPS	N381858.58	W1213909.44	N3818.976	W12139.157
	TERUY	N382129.43	W1213720.66	N3821.491	W12137.344
	UBIYI	N381913.07	W1213913.17	N3819.218	W12139.220
	RW02	N383018.75	W1213002.63	N3830.313	W12130.044
	ISAC (LOC)	N383113.32	W1212917.31	N3831.222	W12129.289

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00017	57

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: **SACRAMENTO EXECUTIVE**	**I-SAC**	**ILS OR LOC RWY 2, AMDT 24A** 6 FEBRUARY 2014	AMDT: **24**
				DATED: **08/25/2011**

ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SAC   K2011520VTHW N38263748W121330594    N38263748W121330594E0170000032     NARSACRAMENTO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COUPS K20    C   L N38185858W121390944                      E0139     NAR           COUPS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2ASAC     0     055YHN38304510W121293650E014000024         1800018000C    MNAR    SACRAMENTO EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2CTERUY K20    R     N38212943W121372066                    E0139     NAR           TERUY
        SUSAP KSACK2CUBIYI K20    W     N38191307W121391317                    E0139     NAR           CNF(UBIYI)

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2FL02   ACOUPS 010COUPSK2EA0E  A    IF                                          18000                 0 NS
        SUSAP KSACK2FL02   ACOUPS 020UBIYIK2PC0E       TF                                + 02000                       0 NS
        SUSAP KSACK2FL02   ACOUPS 030TERUYK2PC0EE B    CF ISACK2      1991011601910027PI + 02000                       0 NS
        SUSAP KSACK2FL02   ASAC   010SAC  K2D 0VE AR   HF ISACK2      1991005501601010PI + 01500     18000             0 NS
        SUSAP KSACK2FL02   L      010TERUYK2PC0E  I    IF ISACK2      19910116         PI + 02000     18000             0 NS
        SUSAP KSACK2FL02   L      020SAC  K2D 0V  F    CF ISACK2      1991005501900061PI + 01500                SAC   K2D 0 NS
        SUSAP KSACK2FL02   L      030RW02 K2PG0GY M    CF ISACK2      1991001101900044PI   00075           -306          0 NS
        SUSAP KSACK2FL02   L      040          0  M    CA                      0191       + 00600                       0 NS
        SUSAP KSACK2FL02   L      050SAC  K2D 0VY  L   DF                                + 01600                       0 NS
        SUSAP KSACK2FL02   L      060SAC  K2D 0VE  R   HM                      0160T010   + 01600                       0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2GRW02     0055030191 N38301875W121300263+0100     -0025700017000057150IISAC1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2IISAC1   011030RW02 N38311332W1212917310191N38302558W1212950951089 10860600300E01405700020
```

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: **SACRAMENTO EXECUTIVE**	**I-SAC**	**ILS OR LOC RWY 2, AMDT 24A** 6 FEBRUARY 2014	AMDT: **24**
				DATED: **08/25/2011**

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2SSAC  K2D                 0   020110041251102900272529002003125                                                M
```

GUAJI 1 CHECKED

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	I-SAC	ILS OR LOC RWY 2, AMDT 24A 6 FEBRUARY 2014	AMDT: 24 DATED: 08/25/2011

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

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	COUPS	COUPS	010	IAF	IF		FB					
	COUPS	UBIYI	020		TF		FB				AA 02000	
	COUPS	TERUY	030		CF		FB		019.1()	002.7	AA 02000	
	SAC	SAC	010	IAF	HF	R	FO		016.0()	T01.0	AA 01500	
		TERUY	010	FACF	IF		FB				AA 02000	
		SAC	020	FAF	CF		FB		019.0()	006.1	AA 01500	
		RW02	030	MAP	CF		FO		019.0()	004.4	AT 00075	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		019.1()		AA 00600	
	SAC	050		DF	L	FO				AA 01600	
	SAC	060		HM	R	FO		016.0()	T01.0	AA 01600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAC	N382637.48	W1213305.94	N3826.625	W12133.099
	COUPS	N381858.58	W1213909.44	N3818.976	W12139.157
	TERUY	N382129.43	W1213720.66	N3821.491	W12137.344
	UBIYI	N381913.07	W1213913.17	N3819.218	W12139.220
	RW02	N383018.75	W1213002.63	N3830.313	W12130.044
	ISAC (LOC)	N383113.32	W1212917.31	N3831.222	W12129.289

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00017	57

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	I-SAC	ILS OR LOC RWY 2, AMDT 24A 6 FEBRUARY 2014	AMDT: 24 DATED: 08/25/2011

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
EMBER (IAF)	JIRAG (FB)	049.52 / 10.74	2000
COUPS (IAF)	JIRAG (FB)	015.66 / 2.98	2000
VISTO (IAF)	JIRAG (FB)	348.17 / 9.92	2000
JIRAG (IF)	SEBAE (FB)	019.04 / 6.00	1500
SEBAE (FAF)	RW02 (MAP) (FO)	019.08 / 4.42	
RW02 (MAP)	294 MSL	019.08	
294 MSL	HOGBI (FB)		
HOGBI	ROZZY (FO)	027.48 / 13.62	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

CLIMB TO 3000 DIRECT HOGBI AND ON TRACK 027.48 TO ROZZY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 024.00 INBOUND.
CHART FAS OBST: 107 TREE 382951N/1213013W
CHART FAS OBST: 205 T-L TWR 382800N/1213021W
DISTANCE TO THLD FROM 273 HAT: 0.69 NM.
WAAS CHANNEL # 62810
REFERENCE PATH ID: W02A
LTP HAE: -25.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JIRAG
3. FAC: 019.08 FAF: SEBAE DIST FAF TO MAP: 4.42 THLD: 4.42
4. MIN. ALT: JIRAG 2000, SEBAE 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: SEBAE 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.3 34:1 IS NOT CLEAR
8. MSA FROM: RW02 3900

MAG VAR: 14E 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	294	1	273	294	1	273	294	1	273	294	1	273			
LNAV/VNAV DA	373	1	352	373	1	352	373	1	352	373	1	352			
LNAV MDA	440	1	419	440	1	419	440	1	419	440	1	419			
CIRCLING	500	1	476	520	1	496	520	1 1/2	496	580	2	556			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SACRAMENTO INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV CATS A AND B.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 24 TDZE: 21 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	SACRAMENTO EXECUTIVE	RNAV	RNAV (GPS) RWY 2, ORIG-A 6 FEBRUARY 2014	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.

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EMBER ON V150 SOUTHWEST BOUND, AT COUPS ON V6 SOUTHBOUND AND AT VISTO ON V334-392 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SACRAMENTO INTL ALTIMETER SETTING: INCREASE ALL DA 28 FT AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE; INCREASE ALL MDA 40 FT AND LNAV CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: RWY 02 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 34 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/4 MILE; WHEN USING SACRAMENTO INTL ALTIMETER SETTING, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE, INCREASE LNAV CATS C/D VISIBILITY TO 1 1/2 MILE.

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	RNAV	RNAV (GPS) RWY 2, ORIG-A 6 FEBRUARY 2014	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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSAC
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	383018.7475N
LTP/FTP LONGITUDE	1213002.6270W
LTP/FTP ELLIPSOIDAL HEIGHT	-00257
FPAP LATITUDE	383133.4500N
FPAP LONGITUDE	1212900.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FCDCDB29

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00053
FPAP ORTHOMETRIC HEIGHT	+00053

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

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

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ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COUPS K20    C   L N38185858W121390944                      E0139     NAR           COUPS
        SUSAEAENRT   EMBER K20    C   L N38164710W121493052                      E0139     NAR           EMBER
        SUSAEAENRT   HOGBI K20    W     N38343021W121263365                      E0139     NAR           HOGBI
        SUSAEAENRT   JIRAG K20    W     N38213422W121371687                      E0139     NAR           JIRAG
        SUSAEAENRT   ROZZY K20    C   L N38444245W121150175                      E0139     NAR           ROZZY
        SUSAEAENRT   SEBAE K20    W     N38263626W121330706                      E0139     NAR           SEBAE
        SUSAEAENRT   VISTO K20    C   L N38113870W121374554                      E0139     NAR           VISTO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2ASAC     0     055YHN38304510W121293650E014000024         1800018000C    MNAR    SACRAMENTO EXECUTIVE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2FR02   ACOUPS 010COUPSK2EA0E  A    IF                                                18000                 A JS
        SUSAP KSACK2FR02   ACOUPS 020JIRAGK2EA0EE B 010TF                      01570030    + 02000                            A JS
        SUSAP KSACK2FR02   AEMBER 010EMBERK2EA0E  A    IF                                                18000                 A JS
        SUSAP KSACK2FR02   AEMBER 020JIRAGK2EA0EE B 010TF                      04950107    + 02000                            A JS
        SUSAP KSACK2FR02   AVISTO 010VISTOK2EA0E  A    IF                                                18000                 A JS
        SUSAP KSACK2FR02   AVISTO 020JIRAGK2EA0EE B 010TF                      34820099    + 02000                            A JS
        SUSAP KSACK2FR02   R      010JIRAGK2EA0E  I    IF                                  + 02000     18000                 A JS
        SUSAP KSACK2FR02   R      020SEBAEK2EA1E  F 051TF                      01900060    + 01500                  RW02  K2PGA JS
        SUSAP KSACK2FR02   R      020SEBAEK2EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KSACK2FR02   R      030RW02 K2PG0GY M 031TF                      01910044      00075             -300           A JS
        SUSAP KSACK2FR02   R      040         0  M     CA                      0191        + 00294                            A JS
        SUSAP KSACK2FR02   R      050HOGBIK2EA0E       DF                      0191                                           A JS
        SUSAP KSACK2FR02   R      060ROZZYK2EA0EY      TF                      0275        + 03000                            A JS
        SUSAP KSACK2FR02   R      070ROZZYK2EA0EE  R   HM                      02400040    + 03000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2GRW02    0055030191 N38301875W121300263+0100    -0025700017000057150IISAC1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2PR02   RW02 001 0000W02A0N3830187475W12130026270-002570300N3831334500W121290059001067510720005 73F400500FCDCDB29
        SUSAP KSACK2PR02   RW02 002E      +00053+00053LPV       62810
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CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	RNAV	RNAV (GPS) RWY 2, ORIG-A 6 FEBRUARY 2014	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 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
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSACK2SRW02 K2PG                0   18018003925                                                                    M
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CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	RNAV	RNAV (GPS) RWY 2, ORIG-A 6 FEBRUARY 2014	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	COUPS	COUPS	010	IAF	IF		FB					
	COUPS	JIRAG	020		TF		FB	1.0	015.7(029.7T)	003.0	AA 02000	
	EMBER	EMBER	010	IAF	IF		FB					
	EMBER	JIRAG	020		TF		FB	1.0	049.5(063.5T)	010.7	AA 02000	
	VISTO	VISTO	010	IAF	IF		FB					
	VISTO	JIRAG	020		TF		FB	1.0	348.2(002.2T)	009.9	AA 02000	
		JIRAG	010	FACF	IF		FB				AA 02000	
		SEBAE	020	FAF	TF		FB	0.5	019.0(033.0T)	006.0	AA 01500	
		RW02	030	MAP	TF		FO	0.3	019.1(033.1T)	004.4	AT 00075	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		019.1(033.1T)		AA 00294	
	HOGBI	050		DF		FB		019.1(033.1T)			
	ROZZY	060		TF		FO		027.5(041.5T)		AA 03000	
	ROZZY	070		HM	R	FO		024.0(038.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COUPS	N381858.58	W1213909.44	N3818.976	W12139.157
	EMBER	N381647.10	W1214930.52	N3816.785	W12149.509
	HOGBI	N383430.21	W1212633.65	N3834.504	W12126.561
	JIRAG	N382134.22	W1213716.87	N3821.570	W12137.281
	ROZZY	N384442.45	W1211501.75	N3844.708	W12115.029
	SEBAE	N382636.26	W1213307.06	N3826.604	W12133.118
	VISTO	N381138.70	W1213745.54	N3811.645	W12137.759
	RW02	N383018.75	W1213002.63	N3830.313	W12130.044

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00017	57

CITY AND STATE	ELEVATION: 24 TDZE: 21	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SACRAMENTO, CA	AIRPORT NAME: SACRAMENTO EXECUTIVE	RNAV	RNAV (GPS) RWY 2, ORIG-A 6 FEBRUARY 2014	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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COUPS/SAC 9.00 DME (IF/IAF)	SAC VORTAC (NOPT)	015.00 / 9.00	1500

MISSED APPROACH

MAP: 4.40 MILES AFTER SAC VORTAC OR AT SAC 4.40 DME FIX

CLIMBING LEFT TURN TO 1600 DIRECT SAC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 215 TWR 382800N/1213021W
SAC VORTAC TO RW02: 3.05/57.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S SAC VORTAC, RT, 016.01 INBOUND, 1500 FT. IN LIEU OF PT (IAF)
3. FAC 016.06 FAF SAC VORTAC DIST FAF TO MAP 4.40 THLD 4.40
4. MIN. ALT SAC VORTAC 1500
8. MSA FROM: SAC VORTAC 110-200 3100, 200-290 4100, 290-110 2700

MAG VAR: 17E EPOCH YEAR: 1980

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	520	1	499	520	1	499	520	1	499	520	1	499			
CIRCLING	520	1	496	520	1	496	520	1 1/2	496	580	2	556			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-2 CATS A AND B.
CHART NOTE: RWY 02 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 34 NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SACRAMENTO INTL ALTIMETER SETTING: (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 24 TDZE: 21 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SACRAMENTO, CA	SACRAMENTO EXECUTIVE	SAC	VOR RWY 2, AMDT 10A 6 FEBRUARY 2014	AMDT 10 DATE 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

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NOTES, (CONT.):
INCREASE ALL MDA 40 FT AND S-2 VISIBILITY CATS C/D 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-2 VISIBILITY CATS C/D TO 1 1/2 MILE, USING SACRAMENTO INTL ALTIMETER SETTING, INCREASE S-2 VISIBILITY CATS C/D TO 1 3/4 MILE,

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SACRAMENTO, CA	**ELEVATION: 24** **TDZE: 21** AIRPORT NAME: **SACRAMENTO EXECUTIVE**	**SAC**	**VOR RWY 2, AMDT 10A** 6 FEBRUARY 2014	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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROBNN (IAF)	ASIXY (FB)	166.36 / 8.04	5000
ASIXY (IF)	JUGAL (FB)	138.84 / 9.33	2500
JUGAL (FAF)	TOMTY/3.18 NM TO HIRAK (FB)	146.66 / 2.89	
TOMTY/3.18 NM TO HIRAK	HIRAK (MAP) (FO)	146.66 / 3.18	
HIRAK (MAP)	1500 MSL	146.66	1500
1500 MSL	TOCOD (FO)		3000

MISSED APPROACH

LP: HIRAK
LNAV: HIRAK

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT TOCOD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 1094 TREE 325223N/1165911W
1286 AAO 325507N/1170057W
WAAS CHANNEL # 86928
REFERENCE PATH ID: W17A
LTP HAE: 78.5 M
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 19.96 DEGREES.
FAC CROSSES RWY C/L EXTENDED 3084 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ASIXY
3. FAC: 146.66 FAF: JUGAL DIST FAF TO MAP: 6.07 THLD: 6.56
4. MIN. ALT: ASIXY 5000, JUGAL 2500, TOMTY/3.18 NM TO HIRAK 1580
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: HIRAK 7800

MAG VAR: 13E EPOCH YEAR: 1990

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
LP MDA	1360	1 1/4	992	1360	1 1/2	992	1360	3	992	1360	3	992			
LNAV MDA	1380	1 1/4	1012	1380	1 1/2	1012	1380	3	1012	1380	3	1012			
CIRCLING	1440	1 1/4	1052	1440	1 1/2	1052	1440	3	1052	1440	3	1052			

NOTES:
CHART NOTE: CIRCLING NA NE OF RWYS 17 AND 27R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIRAMAR MCAS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
(SEE FORM 8260-10)

@ CAT A, B 1100-2, CAT C, D 1100-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 388 THRE: 368	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN DIEGO/EL CAJON, CA	AIRPORT NAME: GILLESPIE FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 2A 6 FEBRUARY 2014	AMDT: 2 DATED 05/03/2012

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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROBNN ON V186 NORTHWEST BOUND AND V208-458 WESTBOUND.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 9L, 27R AND 35 NA AT NIGHT.
CHART NOTE: CIRCLING RWY 27L NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: DESCENT ANGLE NA.

CITY AND STATE	ELEVATION: 388 THRE: 368	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN DIEGO/EL CAJON, CA	AIRPORT NAME: GILLESPIE FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 2A 6 FEBRUARY 2014	AMDT: 2
				DATED: 05/03/2012

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSEE
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
FTP LATITUDE	324945.0900N
FTP LONGITUDE	1165809.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00785
FPAP LATITUDE	324821.3600N
FPAP LONGITUDE	1165733.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	FD252A6B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01121
FPAP ORTHOMETRIC HEIGHT	+01121

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASIXY K20    W     N33040942W117060618                      E0120     NAR          ASIXY
        SUSAEAENRT   HIRAK K20    W     N32501230W116582188                      E0119     NAR          HIRAK
        SUSAEAENRT   JUGAL K20    W     N32555475W117005221                      E0120     NAR          JUGAL
        SUSAEAENRT   ROBNN K20    C   L N33121252W117061258                      E0120     NAR          ROBNN
        SUSAEAENRT   TOCOD K20    W     N32515800W117134400                      E0120     NAR          TOCOD
        SUSAEAENRT   TOMTY K20    W     N32531183W116594046                      E0120     NAR          TOMTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEEK2ASEE     0     053YHN32493440W116582080E013000388         1800018000C    MNAR    GILLESPIE FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEEK2FR17   AROBNN 010ROBNNK2EA0E  A    IF                                          18000                A JS
        SUSAP KSEEK2FR17   AROBNN 020ASIXYK2EA0EE B 010TF                    16640080    + 05000                          A JS
        SUSAP KSEEK2FR17   R      010ASIXYK2EA0E  I    IF                                + 05000    18000                A JS
        SUSAP KSEEK2FR17   R      020JUGALK2EA1E  F 051TF                    13880093    + 02500                HIRAK K2EAA JS
        SUSAP KSEEK2FR17   R      020JUGALK2EA2WALP        N          ALNAV                                                JS
        SUSAP KSEEK2FR17   R      021TOMTYK2EA0E S  031TF                    14670029    + 01580                          A JS
        SUSAP KSEEK2FR17   R      030HIRAKK2EA0EY M 031TF                    14670032      01380             000          A JS
        SUSAP KSEEK2FR17   R      040         0  M     CA                    1467        + 01500                          A JS
        SUSAP KSEEK2FR17   R      050TOCODK2EA0EY  R   DF                                + 03000                          A JS
        SUSAP KSEEK2FR17   R      060TOCODK2EA0EE  R   HM                    09000040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEEK2GRW17    0041451666 N32494179W116582091+0500    +0078500368045000100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEEK2PR17   RW17 001 0000W17A0N3249450900W11658099500+007850000N3248213600W116573326001067500000000000F400000FD252A6B
        SUSAP KSEEK2PR17   RW17 002E      +01121+01121LP        86928

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSEEK2SHIRAKK2EA                0   18018007825                                                                  M
```

CITY AND STATE	ELEVATION: 388 THRE: 368	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN DIEGO/EL CAJON, CA	AIRPORT NAME: **GILLESPIE FIELD**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 2A** 6 FEBRUARY 2014	AMDT: **2**
				DATED: **05/03/2012**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ROBNN	ROBNN	010	IAF	IF		FB					
	ROBNN	ASIXY	020		TF		FB	1.0	166.4(179.4T)	008.0	AA 05000	
		ASIXY	010	FACF	IF		FB				AA 05000	
		JUGAL	020	FAF	TF		FB	0.5	138.8(151.8T)	009.3	AA 02500	
		TOMTY	021	SDF	TF		FB	0.3	146.7(159.7T)	002.9	AA 01580	
		HIRAK	030	MAP	TF		FO	0.3	146.7(159.7T)	003.2	AT 01380	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		146.7(159.7T)		AA 01500	
	TOCOD	050		DF	R	FO				AA 03000	
	TOCOD	060		HM	R	FO		090.0(103.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ASIXY	N330409.42	W1170606.18	N3304.157	W11706.103
	HIRAK	N325012.30	W1165821.88	N3250.205	W11658.365
	JUGAL	N325554.75	W1170052.21	N3255.913	W11700.870
	ROBNN	N331212.52	W1170612.58	N3312.209	W11706.210
	TOCOD	N325158.00	W1171344.00	N3251.967	W11713.733
	TOMTY	N325311.83	W1165940.46	N3253.197	W11659.674
	RW17	N324941.79	W1165820.91	N3249.697	W11658.349

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00368	00

CITY AND STATE	ELEVATION: 388 THRE: 368	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SAN DIEGO/EL CAJON, CA	AIRPORT NAME: GILLESPIE FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 2A 6 FEBRUARY 2014	AMDT: 2 DATED: 05/03/2012

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
SHOOP INT/GLL 26.15 DME/RADAR (IAF)	NOVAA/GLL 10.00 DME/RADAR (NOPT)	196.84 / 16.15 (GLL R-017)	7000
NOVAA/GLL 10.00 DME/RADAR (IF)	GLL VOR/DME	196.84 / 10.00	6300

MISSED APPROACH

MAP: 4.55 MILES AFTER GLL VOR/DME OR AT YURUK/GLL 4.55 DME/RADAR FIX

CLIMBING RIGHT TURN TO 7100 DIRECT GLL VOR/DME AND ON GLL VOR/DME R-017 TO SHOOP INT/GLL 26.15 DME/RADAR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 196.84 INBOUND.
CHART FAS OBST: 4785 TREE 402754N/1043747W 5099 AAO 403024N/1043330W.
FAC CROSSES MID POINT OF RWY 16-34.

1. PT L SIDE OF COURSE 016.84 OUTBOUND 7000 FT WITHIN 10 MILES OF GLL VOR/DME (IAF)
2.
3. FAC 209.12 FAF GLL VOR/DME DIST FAF TO MAP 4.55 THLD
4. MIN. ALT GLL VOR/DME 6300, WESAR/GLL 3.00 DME/RADAR 5300*
8. MSA FROM: GLL VOR/DME 360-180 6900, 180-360 8100

MAG VAR: 13E EPOCH YEAR: 1970

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	5300	1	603	5300	1	603	5300	1 3/4	603	5300	2	603			
WESAR FIX MINIMUMS (DME OR RADAR REQUIRED)															
CIRCLING	5120	1	423	5160	1	463	5200	1 1/2	503	5260	2	563			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE CAT C AND D AND WESAR FIX MINIMUMS CAT C VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: *5400 WHEN USING FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 4697 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GREELEY, CO	GREELEY-WELD COUNTY	GLL	VOR-A, AMDT 9A 6 FEBRUARY 2014	SUP AMDT 9 DATE 02/09/2012

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LUVLY	CACSA (FB)	266.36 / 3.36	2000
CACSA (IAF)	RONEY (FB)	242.57 / 9.37	2000
RONEY (IF)	ZURBU (FB)	254.80 / 5.60	2000
ZURBU (FAF)	JIDBO/2.90 NM TO ZENAX (FO)	256.35 / 2.40	
JIDBO/2.90 NM TO ZENAX	ZENAX (MAP) (FO)	256.35 / 2.90	
ZENAX (MAP)	500 MSL	256.35	500
500 MSL	HOLMU (FO)		2000

MISSED APPROACH

LNAV: ZENAX

CLIMB TO 500, THEN CLIMBING RIGHT TURN TO 2000 DIRECT HOLMU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 095.60 INBOUND.
CHART FAS OBST: 70 TREE 253030N/0803130W
TAMBU TO RW28: 3.06/40.
CHART A-2910
FAC CROSSES RWY C/L EXTENDED 4499 FROM THLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT RONEY
3. FAC: 256.35 FAF: ZURBU DIST FAF TO MAP: 5.30 THLD: 6.00
4. MIN. ALT: RONEY 2000, ZURBU 2000, JIDBO/2.90 NM TO ZENAX 1200
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: ZENAX 2900

MAG VAR: 6W 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	320	1	313	320	1	313		NA			NA				
CIRCLING	380	1	373	460	1	453		NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KENDALL-TAMIAMI EXECUTIVE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LUVLY BR49V SOUTHEAST BOUND.

CITY AND STATE	ELEVATION: 7 THRE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HOMESTEAD, FL	AIRPORT NAME: HOMESTEAD GENERAL AVIATION		RNAV (GPS) RWY 28, ORIG 6 FEBRUARY 2014	AMDT: NONE
				DATED

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

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ARINC 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   CACSA K70    W     N25391067W080115990                      W0063     NAR           CACSA
        SUSAEAENRT   HOLMU K70    W     N25300589W080450593                      W0059     NAR           HOLMU
        SUSAEAENRT   JIDBO K70    W     N25310900W080285543                      W0061     NAR           JIDBO
        SUSAEAENRT   LUVLY K70    C   L N25394461W080081967                      W0063     NAR           LUVLY
        SUSAEAENRT   RONEY K70    W     N25335964W080203901                      W0062     NAR           RONEY
        SUSAEAENRT   ZENAX K70    W     N25301024W080315653                      W0060     NAR           ZENAX
        SUSAEAENRT   ZURBU K70    W     N25315758W080262556                      W0061     NAR           ZURBU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP X51 K7AX51     0     039YHN25295723W080331528W006000007         1800018000C    MNAR    HOMESTEAD GENERAL AVIATION

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP X51 K7FR28   ALUVLY 010LUVLYK7EA0E       IF                                                18000                 B JS
        SUSAP X51 K7FR28   ALUVLY 020CACSAK7EA0E  A 010TF                      26640034    + 02000                             B JS
        SUSAP X51 K7FR28   ALUVLY 030RONEYK7EA0EE B 010TF                      24260094    + 02000                             B JS
        SUSAP X51 K7FR28   R      010RONEYK7EA0E  I    IF                                 + 02000     18000                   B JS
        SUSAP X51 K7FR28   R      020ZURBUK7EA1E  F 051TF                      25480056    + 02000                  ZENAX K7EAB JS
        SUSAP X51 K7FR28   R      020ZURBUK7EA2WN          N          ALNAV                                                     JS
        SUSAP X51 K7FR28   R      021JIDBOK7EA0EYS  031TF                      25640024    V 0120001219        -306           B JS
        SUSAP X51 K7FR28   R      030ZENAXK7EA0EY M 031TF                      25640029      00287             -306           B JS
        SUSAP X51 K7FR28   R      040         0  M     CA                      2564        + 00500                             B JS
        SUSAP X51 K7FR28   R      050HOLMUK7EA0EY  R   DF                                 + 02000                             B JS
        SUSAP X51 K7FR28   R      060HOLMUK7EA0EE  R   HM                      09560040    + 02000                             B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP X51 K7GRW28    0030002757 N25301000W080324564+0000    -0022600007000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP X51 K7SZENAXK7EA                0   18018002925                                                                       M
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CITY AND STATE	ELEVATION: 7 THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HOMESTEAD, FL	AIRPORT NAME: HOMESTEAD GENERAL AVIATION	RNAV	RNAV (GPS) RWY 28, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LUVLY	LUVLY	010		IF		FB					
	LUVLY	CACSA	020	IAF	TF		FB	1.0	266.4(260.4T)	003.4	AA 02000	
	LUVLY	RONEY	030		TF		FB	1.0	242.6(236.6T)	009.4	AA 02000	
		RONEY	010	FACF	IF		FB				AA 02000	
		ZURBU	020	FAF	TF		FB	0.5	254.8(248.8T)	005.6	AA 02000	
		JIDBO	021	SDF	TF		FO	0.3	256.4(250.4T)	002.4	AA 01200 GS 01219	
		ZENAX	030	MAP	TF		FO	0.3	256.4(250.4T)	002.9	AT 00287	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		256.4(250.4T)		AA 00500	
	HOLMU	050		DF	R	FO				AA 02000	
	HOLMU	060		HM	R	FO		095.6(089.6T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CACSA	N253910.67	W0801159.90	N2539.178	W08011.998
	HOLMU	N253005.89	W0804505.93	N2530.098	W08045.099
	JIDBO	N253109.00	W0802855.43	N2531.150	W08028.924
	LUVLY	N253944.61	W0800819.67	N2539.744	W08008.328
	RONEY	N253359.64	W0802039.01	N2533.994	W08020.650
	ZENAX	N253010.24	W0803156.53	N2530.171	W08031.942
	ZURBU	N253157.58	W0802625.56	N2531.960	W08026.426
	RW28	N253010.00	W0803245.64	N2530.167	W08032.761

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00007	40

CITY AND STATE	ELEVATION: 7 THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HOMESTEAD, FL	AIRPORT NAME: **HOMESTEAD GENERAL AVIATION**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 6 FEBRUARY 2014	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES			
FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 6 FEBRUARY 2014

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 90 TDZE: 85	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ZEPHYRHILLS, FL	AIRPORT NAME: ZEPHYRHILLS MUNI	RHZ	NDB RWY 4, AMDT 1A, 06/27/2013	AMDT 1
				DATE 01/13/2013

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

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 6 FEBRUARY 2014

CHECKED

CITY AND STATE	ELEVATION: 90 THRE: 85	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ZEPHYRHILLS, FL	AIRPORT NAME: ZEPHYRHILLS MUNI	RNAV	RNAV (GPS) RWY 4, ORIG-B, 05/30/2013	AMDT: ORIG-A
				DATED 05/02/2013

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

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 6 FEBRUARY 2014

CITY AND STATE	ELEVATION: 90 THRE: 88 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ZEPHYRHILLS, FL	ZEPHYRHILLS MUNI	RNAV	RNAV (GPS) RWY 22, ORIG -A, 06/27/2013	AMDT: ORIG
				DATED 01/13/2011

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
HAKRI	COGDA (FB)	258.76 / 18.89	4200
ARBOR	JESOM (FB)	093.52 / 6.13	4200
COGDA (IAF)	FAMBU (FB)	288.47 / 5.60	3300
JESOM (IAF)	FAMBU (FB)	119.78 / 8.01	3300
FAMBU (IF)	KOPSE (FB)	209.82 / 6.00	1800
KOPSE (FAF)	RW21 (MAP) (FO)	209.80 / 5.33	
RW21 (MAP)	438 MSL	209.80	
438 MSL	POA NDB (FO)		5000

MISSED APPROACH

LNAV: RW21

CLIMBING LEFT TURN TO 5000 DIRECT POA NDB AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 149.00 INBOUND.
CHART FAS OBST: 178 TANK 194344N/1550316W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FAMBU
3. FAC: 209.80 FAF: KOPSE DIST FAF TO MAP: 5.33 THLD: 5.33
4. MIN. ALT: FAMBU 3300, KOPSE 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW21 15000

MAG VAR: 11E 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	440	1	409	440	1	409	440	1 1/4	409	440	1 1/4	409			
CIRCLING	500	1	462	500	1	462	500	1 1/2	462	700	2	662			

NOTES:
CHART NOTE: CIRCLING NA SOUTH OF RWY 8-26.
CHART PROFILE NOTE: DESCENT ANGLE NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
DME/DME RNP-0.3 NA.

CITY AND STATE	ELEVATION: 38 TDZE: 31 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HILO, HI	HILO INTL	RNAV	RNAV (GPS) RWY 21, ORIG-A 6 FEBRUARY 2014	AMDT: ORIG DATED 08/08/2002

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SPACDB       POA   PH003320H  W N19322810W154582002                      E0110          NARPAHOA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SPACEAENRT   ARBOR PH0    C   L N19585161W155075970                      E0097     NAR          ARBOR
        SPACEAENRT   COGDA PH0    W     N19491779W154500528                      E0097     NAR          COGDA
        SPACEAENRT   FAMBU PH0    W     N19520353W154551540                      E0097     NAR          FAMBU
        SPACEAENRT   HAKRI PH0    C   L N19492368W154300303                      E0097     NAR          HAKRI
        SPACEAENRT   JESOM PH0    W     N19571891W155014167                      E0097     NAR          JESOM
        SPACEAENRT   KOPSE PH0    W     N19473012W154592491                      E0097     NAR          KOPSE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SPACP PHTOPHAITO     0     056YHN19431295W155025449E011000038         1800018000C    MNAR    HILO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SPACP PHTOPHFR21   AARBOR 010ARBORPHEA0E       IF                                                18000                B JS
        SPACP PHTOPHFR21   AARBOR 020JESOMPHEA0E  A 020TF                    09350061    + 04200                                B JS
        SPACP PHTOPHFR21   AARBOR 030FAMBUPHEA0EE B 010TF                    11980080    + 03300                                B JS
        SPACP PHTOPHFR21   AHAKRI 010HAKRIPHEA0E       IF                                                18000                B JS
        SPACP PHTOPHFR21   AHAKRI 020COGDAPHEA0E  A 020TF                    25880189    + 04200                                B JS
        SPACP PHTOPHFR21   AHAKRI 030FAMBUPHEA0EE B 010TF                    28850056    + 03300                                B JS
        SPACP PHTOPHFR21   R      010FAMBUPHEA0E  I    IF                                + 03300     18000                      B JS
        SPACP PHTOPHFR21   R      020KOPSEPHEA1E  F 051TF                    20980060    + 01800                  RW21  PHPGB JS
        SPACP PHTOPHFR21   R      020KOPSEPHEA2WN          N          ALNAV                                                      JS
        SPACP PHTOPHFR21   R      030RW21 PHPG0GY M 031TF                    20980053      00440              000              B JS
        SPACP PHTOPHFR21   R      040         0  M     CA                    2098        + 00438                                B JS
        SPACP PHTOPHFR21   R      050POA  PHDB0NY  L   DF                                + 05000                                B JS
        SPACP PHTOPHFR21   R      060POA  PHDB0NE  L   HM                    14900050    + 05000                                B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SPACP PHTOPHGRW21    0056002098 N19432699W155030649+0100          00025000000150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 38 TDZE: 31	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HILO, HI	AIRPORT NAME: HILO INTL	RNAV	RNAV (GPS) RWY 21, ORIG-A 6 FEBRUARY 2014	AMDT: ORIG DATED: 08/08/2002

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```
SPACP PHTOPHSRW21 PHPG              0   18018015025                                                    M
```

CITY AND STATE	ELEVATION: 38 TDZE: 31	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HILO, HI	AIRPORT NAME: HILO INTL	RNAV	RNAV (GPS) RWY 21, ORIG-A 6 FEBRUARY 2014	AMDT: ORIG DATED: 08/08/2002

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARBOR	ARBOR	010		IF		FB					
	ARBOR	JESOM	020	IAF	TF		FB	2.0	093.5(104.5T)	006.1	AA 04200	
	ARBOR	FAMBU	030		TF		FB	1.0	119.8(130.8T)	008.0	AA 03300	
	HAKRI	HAKRI	010		IF		FB					
	HAKRI	COGDA	020	IAF	TF		FB	2.0	258.8(269.8T)	018.9	AA 04200	
	HAKRI	FAMBU	030		TF		FB	1.0	288.5(299.5T)	005.6	AA 03300	
		FAMBU	010	FACF	IF		FB				AA 03300	
		KOPSE	020	FAF	TF		FB	0.5	209.8(220.8T)	006.0	AA 01800	
		RW21	030	MAP	TF		FO	0.3	209.8(220.8T)	005.3	AT 00440	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		209.8(220.8T)		AA 00438	
	POA	050		DF	L	FO				AA 05000	
	POA	060		HM	L	FO		149.0(160.0T)	005.0	AA 05000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	POA	N193228.10	W1545820.02	N1932.468	W15458.334
	ARBOR	N195851.61	W1550759.70	N1958.860	W15507.995
	COGDA	N194917.79	W1545005.28	N1949.297	W15450.088
	FAMBU	N195203.53	W1545515.40	N1952.059	W15455.257
	HAKRI	N194923.68	W1543003.03	N1949.395	W15430.051
	JESOM	N195718.91	W1550141.67	N1957.315	W15501.695
	KOPSE	N194730.12	W1545924.91	N1947.502	W15459.415
	RW21	N194326.99	W1550306.49	N1943.450	W15503.108

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00025	00

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
STERE (IAF)	TACTT (FB)	271.05 / 5.00	3000
TACTT	SAILZ (FB)	270.97 / 5.00	3000
SAILZ (IF)	KEEEL (FB)	267.48 / 4.38	2400
KEEEL (FAF)	ZUDVI/1.60 NM TO HINSN (FB)	234.55 / 3.63	
ZUDVI/1.60 NM TO HINSN	HINSN (MAP) (FO)	234.55 / 1.60	
HINSN (MAP)	1300 MSL	234.55	1300
1300 MSL	EON VORTAC (FO)		2600

MISSED APPROACH

LP: HINSN
LNAV: HINSN

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2600 DIRECT EON VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SAILZ
3. FAC: 234.55 FAF: KEEEL DIST FAF TO MAP: 5.23 THLD: 5.48
4. MIN. ALT: SAILZ 3000, KEEEL 2400, ZUDVI/1.60 NM TO HINSN 1240
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: HINSN 3400

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 181.00 INBOUND.
CHART FAS OBST: 682 TREE 414808N/0874300W
CHART FAS OBST: 762 ANT 414718N/0874419W
CHART: 1047 STACK 415103N/0873912W
CHART: 745 CHY 414818N/0874246W
WAAS CHANNEL # 87132
REFERENCE PATH ID: W22A
CHART MANDATORY 3000 AT SAILZ.
CHART CIRCLING ICON.
KEEEL TO HINSN: 3.00/50.
FAC CROSSES RWY C/L EXTENDED 1500 FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 10.0 DEGREES.
LTP HAE: 151.3 M

MAG VAR: 1W 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
LP MDA	940	1	334	940	1	334	940	1	334	940	1	334			
LNAV MDA	1020	1	414	1020	1	414	1020	1 1/8	414	1020	1 1/8	414			
CIRCLING	1120	1	500	1120	1	500	1340	2	720	1340	2 1/4	720			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN RWY 22L VGSI INOPERATIVE, STRAIGHT-IN AND CIRCLING TO RWY 22L NA AT NIGHT.
(SEE FORM 8260-10)

@ CAT D 800-2 1/4

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (GPS) Z RWY 22L, ORIG 6 FEBRUARY 2014	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.):
CHART NOTE: CIRCLING TO RWY 31R NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE AT KEEEL: MAX 170 KIAS.

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (GPS) Z RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KMDW
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	414728.7000N
LTP/FTP LONGITUDE	0874442.8300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01513
FPAP LATITUDE	414635.6460N
FPAP LONGITUDE	0874618.5350W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	712644F7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01847
FPAP ORTHOMETRIC HEIGHT	+01847

QUALITY CHECKED

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (GPS) Z RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EON   K5011320VTL  N41161068W087472779    N41161068W087472779E0020006891     NARPEOTONE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HINSN K50    W     N41473740W087442715                      W0036     NAR           HINSN
        SUSAEAENRT   KEEEL K50    W     N41504419W087384951                      W0037     NAR           KEEEL
        SUSAEAENRT   SAILZ K50    W     N41510049W087325819                      W0038     NAR           SAILZ
        SUSAEAENRT   STERE K50    W     N41510076W087193535                      W0040     NAR           STERE
        SUSAEAENRT   TACTT K50    W     N41510082W087261677                      W0039     NAR           TACTT
        SUSAEAENRT   ZUDVI K50    W     N41483431W087424375                      W0037     NAR           ZUDVI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5AMDW     0     065YHN41470950W087450870W001000620         1800018000C    MNAR    CHICAGO MIDWAY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5FR22LZ ASTERE 010STEREK5EA0E  A    IF                                                  18000                A JS
        SUSAP KMDWK5FR22LZ ASTERE 020TACTTK5EA0E    010TF                      27110050    + 03000                               A JS
        SUSAP KMDWK5FR22LZ ASTERE 030SAILZK5EA0EE B 010TF                      27100050      03000                               A JS
        SUSAP KMDWK5FR22LZ R      010SAILZK5EA0E  I    IF                                  03000     18000                     A JS
        SUSAP KMDWK5FR22LZ R      020KEEELK5EA1E  F 051TF                      26750044    + 02400          170    HINSN K5EAA-JS
        SUSAP KMDWK5FR22LZ R      020KEEELK5EA2WALP         N          ALNAV                                                    JS
        SUSAP KMDWK5FR22LZ R      021ZUDVIK5EA0E S  031TF                      23460036    V 0124001243        -300             A JS
        SUSAP KMDWK5FR22LZ R      030HINSNK5EA0EY M 031TF                      23460016      00733             -300             A JS
        SUSAP KMDWK5FR22LZ R      040          0  M     CA                     2346        + 01300                            A JS
        SUSAP KMDWK5FR22LZ R      050EON   K5D 0VY  L    DF                                + 02600                            A JS
        SUSAP KMDWK5FR22LZ R      060EON   K5D 0VE  R    HM                     18100040    + 02600                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5GRW22L   0064452245 N41472664W087444078+0200    +0151300606063550150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5PR22LZ RW22L001Z0000W22A0N4147287000W08744428300+015130300N4146356460W0874618535010675000000500F400000712644F7
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4

CHECKED

CITY AND STATE	ELEVATION: **620** **THRE: 606**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: **CHICAGO MIDWAY INTL**	**RNAV**	**RNAV (GPS) Z RWY 22L, ORIG** 6 FEBRUARY 2014	AMDT: **NONE**
				DATED:

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```
      SUSAP KMDWK5PR22LZ RW22L002E      +01847+01847LP        87132

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KMDWK5SHINSNK5EA              0   18018003425                                                                  M
```

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (GPS) Z RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	STERE	STERE	010	IAF	IF		FB					
	STERE	TACTT	020		TF		FB	1.0	271.1(270.1T)	005.0	AA 03000	
	STERE	SAILZ	030		TF		FB	1.0	271.0(270.0T)	005.0	AT 03000	
		SAILZ	010	FACF	IF		FB				AT 03000	
		KEEEL	020	FAF	TF		FB	0.5	267.5(266.5T)	004.4	AA 02400	AB 170
		ZUDVI	021	SDF	TF		FB	0.3	234.6(233.6T)	003.6	AA 01240 GS 01243	
		HINSN	030	MAP	TF		FO	0.3	234.6(233.6T)	001.6	AT 00733	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		234.6(233.6T)		AA 01300	
	EON	050		DF	L	FO				AA 02600	
	EON	060		HM	R	FO		181.0(180.0T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EON	N411610.68	W0874727.79	N4116.178	W08747.463
	HINSN	N414737.40	W0874427.15	N4147.623	W08744.453
	KEEEL	N415044.19	W0873849.51	N4150.737	W08738.825
	SAILZ	N415100.49	W0873258.19	N4151.008	W08732.970
	STERE	N415100.76	W0871935.35	N4151.013	W08719.589
	TACTT	N415100.82	W0872616.77	N4151.014	W08726.280
	ZUDVI	N414834.31	W0874243.75	N4148.572	W08742.729
	RW22L	N414726.64	W0874440.78	N4147.444	W08744.680

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00606	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: **620** **THRE: 606**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: **CHICAGO MIDWAY INTL**	**RNAV**	**RNAV (GPS) Z RWY 22L, ORIG** 6 FEBRUARY 2014	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
STERE (IAF)	TACTT (TF) (FB) (RNP 1.00)	271.05 / 5.00	3000
TACTT	SAILZ (TF) (FB) (RNP 1.00)	270.97 / 5.00	3000
SAILZ (IF)	KEEEL (TF) (FB) (RNP 0.90)	267.48 / 4.38	2400
KEEEL	JIBBB (TF) (FB) (RNP 0.30)	247.83 / 1.66	1900
JIBBB	YACHT (RF) (RNP 0.30)	(3.10 NM RADIUS CCW (CFBDN))/1.26	1500
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 2600 DIRECT EON VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 181.00 INBOUND.
CHART FAS OBST: 708 TOWER 414808N/0874410W
CHART: 669 TREE 414742N/0874428W
DISTANCE TO THLD FROM 343 HATH: 0.92 NM.
CHART MANDATORY 4000 AT MIING.
CHART MANDATORY 4000 AT FENCK
CHART MANDATORY 3000 AT SAILZ
ROUTE TYPE: A, H
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
#TCH 656.0 (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YACHT
3. FAC: 224.51 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: YACHT 1500
5. DIST TO THLD FROM OM: 2.65 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: YACHT 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW22L 3400

MAG VAR: 1W 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
AUTHORIZATION REQUIRED															
RNP 0.18 DA	949	6000	343	949	6000	343	949	6000	343	949	6000	343			
RNP 0.30 DA	1000	1 1/4	394	1000	1 1/4	394	1000	1 1/4	394	1000	1 1/4	394			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: RF REQUIRED.
CHART NOTE: GPS REQUIRED.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	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
MIING (IF)	FENCK (TF) (FB) (RNP 1.00)	087.44 / 2.92	4000
FENCK	ZASIV (RF) (FB) (RNP 1.00)	(2.60 NM RADIUS CCW (CFBDK))/3.98	2900
ZASIV	EGLUQ (RF) (FB) (RNP 0.90)	(1.89 NM RADIUS CCW (CFBDL))/2.98	1900
EGLUQ	YACHT (RF) (FB) (RNP 0.90)	(1.89 NM RADIUS CCW (CFBDM))/1.48	1500
YACHT (FAF)	RW22L (MAP) (TF) (FO)	224.51 / 2.65	
RW22L (MAP)	1300 MSL	224.51	1300
1300 MSL	EON VORTAC (DF) (FO)		2600

NOTES, (CONT.):
CHART PLANVIEW NOTE AT SAILZ : MAX 210 KIAS.
CHART PLANVIEW NOTE AT ZASIV : MAX 180 KIAS.
CHART PLANVIEW NOTE AT MIING : MAX 210 KIAS.
CHART PLANVIEW NOTE AT STERE: (RNP 0.30).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: SEE PLAINVIEW FOR MULTIPLE IF LOCATIONS.
CHART NOTE: WHEN RWY 22L VGSI INOPERATIVE, PROCEDURE NA AT NIGHT.

CITY AND STATE	ELEVATION: 620 THRE: 606 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO, IL	CHICAGO MIDWAY INTL	RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

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

ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EON    K5011320VTL  N41161068W087472779    N41161068W087472779E0020006891     NARPEOTONE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFBDK K50    W     N41480301W087412143                    W0036     NAR           CNF(CFBDK)
        SUSAEAENRT   CFBDL K50    W     N41480394W087402446                    W0037     NAR           CNF(CFBDL)
        SUSAEAENRT   CFBDM K50    W     N41480394W087402445                    W0037     NAR           CNF(CFBDM)
        SUSAEAENRT   CFBDN K50    W     N41471387W087391404                    W0037     NAR           CNF(CFBDN)
        SUSAEAENRT   EGLUQ K50    W     N41495735W087402835                    W0037     NAR           EGLUQ
        SUSAEAENRT   FENCK K50    W     N41452721W087410864                    W0036     NAR           FENCK
        SUSAEAENRT   JIBBB K50    W     N41500498W087405197                    W0037     NAR           JIBBB
        SUSAEAENRT   KEEEL K50    W     N41504419W087384951                    W0037     NAR           KEEEL
        SUSAEAENRT   MIING K50    W     N41451641W087450208                    W0036     NAR           MIING
        SUSAEAENRT   SAILZ K50    W     N41510049W087325819                    W0038     NAR           SAILZ
        SUSAEAENRT   STERE K50    W     N41510076W087193535                    W0039     NAR           STERE
        SUSAEAENRT   TACTT K50    W     N41510082W087261677                    W0039     NAR           TACTT
        SUSAEAENRT   YACHT K50    W     N41492206W087421442                    W0036     NAR           YACHT
        SUSAEAENRT   ZASIV K50    W     N41480637W087375287                    W0037     NAR           ZASIV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5AMDW     0     065YHN41470950W087450870W001000620         1800018000C    MNAR    CHICAGO MIDWAY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5FH22LY AMIING 010MIINGK5EA0E  B    IF                                  04000     18000210              A-FS
        SUSAP KMDWK5FH22LY AMIING 020FENCKK5EA0E    010TF                               + 04000                         A FS
        SUSAP KMDWK5FH22LY AMIING 030ZASIVK5EA0E   L010RF       0026000874    35980040   + 02900          180   CFBDK K5EAA-FS
        SUSAP KMDWK5FH22LY AMIING 040EGLUQK5EA0E   L091RF       0018903598    26950030   + 01900                CFBDL K5EAA FS
        SUSAP KMDWK5FH22LY AMIING 050YACHTK5EA0EE  L091RF       0018902695    22450015   + 01500                CFBDM K5EAA FS
        SUSAP KMDWK5FH22LY ASTERE 010STEREK5EA0E  A    IF                                  18000                   A FS
        SUSAP KMDWK5FH22LY ASTERE 020TACTTK5EA0E    010TF                               + 03000                   A FS
        SUSAP KMDWK5FH22LY ASTERE 030SAILZK5EA0E  B 010TF                               + 03000          210      A-FS
        SUSAP KMDWK5FH22LY ASTERE 040KEEELK5EA0E    091TF                               + 02400                   A FS
        SUSAP KMDWK5FH22LY ASTERE 050JIBBBK5EA0E    031TF                               + 01900                   A FS
        SUSAP KMDWK5FH22LY ASTERE 060YACHTK5EA0EE  L031RF       0031002478    22450013   + 01500                CFBDN K5EAA FS
        SUSAP KMDWK5FH22LY H      020YACHTK5EA1E  F    IF                               + 01500     18000      RW22L K5PGA FS
        SUSAP KMDWK5FH22LY H      020YACHTK5EA2W                                             A031A182                   FS
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QUALITY CHECK

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

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

```
        SUSAP KMDWK5FH22LY H      030RW22LK5PG0GY M 031TF                                  00656            -300          A FS
        SUSAP KMDWK5FH22LY H      040         0  M     CA                    2245        + 01300                          A FS
        SUSAP KMDWK5FH22LY H      050EON  K5D 0VY      DF                                + 02600                          A FS
        SUSAP KMDWK5FH22LY H      060EON  K5D 0VE  R   HM                    18100040    + 02600                          A FS
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5GRW22L   0064452245 N41472664W087444078+0200    +0151300606063550150R
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMDWK5SRW22LK5PG                0   18018003425                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

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

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MIING	MIING	010		IF		FB				AT 04000	AB 210
	MIING	FENCK	020		TF		FB	1.0			AA 04000	
	MIING	ZASIV	030		RF	L	FB	1.0		004.0	AA 02900	AB 180
	MIING	EGLUQ	040		RF	L	FB	0.9		003.0	AA 01900	
	MIING	YACHT	050		RF	L	FB	0.9		001.5	AA 01500	
	STERE	STERE	010	IAF	IF		FB					
	STERE	TACTT	020		TF		FB	1.0			AA 03000	
	STERE	SAILZ	030		TF		FB	1.0			AA 03000	AB 210
	STERE	KEEEL	040		TF		FB	0.9			AA 02400	
	STERE	JIBBB	050		TF		FB	0.3			AA 01900	
	STERE	YACHT	060		RF	L	FB	0.3		001.3	AA 01500	
		YACHT	020	FAF	IF		FB				AA 01500	
		RW22L	030	MAP	TF		FO	0.3			AT 00656	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		224.5(223.5T)		AA 01300	
	EON	050		DF		FO				AA 02600	
	EON	060		HM	R	FO		181.0(180.0T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EON	N411610.68	W0874727.79	N4116.178	W08747.463
	CFBDK	N414803.01	W0874121.43	N4148.050	W08741.357
	CFBDL	N414803.94	W0874024.46	N4148.066	W08740.408
	CFBDM	N414803.94	W0874024.45	N4148.066	W08740.408
	CFBDN	N414713.87	W0873914.04	N4147.231	W08739.234
	EGLUQ	N414957.35	W0874028.35	N4149.956	W08740.473
	FENCK	N414527.21	W0874108.64	N4145.454	W08741.144
	JIBBB	N415004.98	W0874051.97	N4150.083	W08740.866
	KEEEL	N415044.19	W0873849.51	N4150.737	W08738.825
	MIING	N414516.41	W0874502.08	N4145.274	W08745.035
	SAILZ	N415100.49	W0873258.19	N4151.008	W08732.970
	STERE	N415100.76	W0871935.35	N4151.013	W08719.589
	TACTT	N415100.82	W0872616.77	N4151.014	W08726.280
	YACHT	N414922.06	W0874214.42	N4149.368	W08742.240
	ZASIV	N414806.37	W0873752.87	N4148.106	W08737.881
	RW22L	N414726.64	W0874440.78	N4147.444	W08744.680

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE	ELEVATION: 620	THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL		RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE DATED:

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

RW22L 00606 50

CITY AND STATE	ELEVATION: 620 THRE: 606	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	RNAV	RNAV (RNP) Y RWY 22L, ORIG 6 FEBRUARY 2014	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS OR 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 6 FEBRUARY 2014

CITY AND STATE	ELEVATION: 620 TDZE: 611	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CHICAGO, IL	AIRPORT NAME: CHICAGO MIDWAY INTL	CGT	VOR/DME RNAV OR GPS RWY 22L, AMDT 3C, 03/07/2013	AMDT 3B
				DATE 01/10/2013

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 6 FEBRUARY 2014

QUALITY CHECKED

CITY AND STATE	ELEVATION: 622 TDZE: 620	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
TAYLORVILLE, IL	AIRPORT NAME: **TAYLORVILLE MUNI**	**TAZ**	**NDB RWY 18, AMDT 4A, 09/23/2010**	AMDT **4**
				DATE **10/27/2005**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 6 FEBRUARY 2014

QUALITY CHECKED

CITY AND STATE	ELEVATION: 774 THRE: 773 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 27 AMDT 3A DATE 03/15/2007
GLADWIN, MI	**GLADWIN ZETTEL MEMORIAL**	**GDW**	**NDB RWY 27, AMDT 4, 12/15/2011**	

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations 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 6 FEBRUARY 2014

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
ROMEO, MI	AIRPORT NAME: **ROMEO STATE**	**PSI**	**VOR/DME-A, AMDT 8, 03/12/2009**	AMDT 7A
				DATE 03/15/2007

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
LYDIA (IAF)	KETAM (FB)	018.99 / 8.95	2600
KETAM (IF)	IGEPY (FB)	044.88 / 6.25	2300
IGEPY *(FAF)*	RW04 (MAP) (FO)	044.95 / 4.44	
RW04 (MAP)	1300 MSL	044.95	1300
1300 MSL	GEP VORTAC (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT GEP VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 117.00 INBOUND.
CHART FAS OBST: 1005 ROD ON OL TK 445024N/0931613W 1060 AAO 445018N/0931833W
DISTANCE TO THLD FROM 200 HATH: 0.46 NM.
CHART VDP AT 1.11 MILES TO RW04*
*LNAV ONLY.
WAAS CHANNEL # 72931
REFERENCE PATH ID: W04A
LTP HAE: 226.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KETAM
3. FAC: 044.95 FAF: IGEPY DIST FAF TO MAP: 4.44 THLD: 4.44
4. MIN. ALT: KETAM 2600, IGEPY 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: IGEPY 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW04 3500

MAG VAR: 0E EPOCH YEAR: 2015

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	1032	2400	200	1032	2400	200	1032	2400	200	1032	2400	200	1032	2400	200
LNAV/VNAV DA	1146	2400	314	1146	2400	314	1146	2400	314	1146	2400	314	1146	2400	314
LNAV MDA	1260	2400	428	1260	2400	428	1260	4000	428	1260	4000	428	1260	4000	428
CIRCLING	1360	1	518	1360	1	518	1360	1 1/2	518	1460	2	618	1660	3	818

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
@ CAT E 900-3

(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 842 THRE: 832 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	RNAV	RNAV (GPS) RWY 4, AMDT 2A 6 FEBRUARY 2014	AMDT: 2 DATED 05/02/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 5000 AND LNAV CAT E VISIBILITY TO 1 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LYDIA ON V505 SOUTHBOUND AND ON V26 WESTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 842 THRE: 832 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	**MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2A** 6 FEBRUARY 2014	AMDT: **2** DATED: **05/02/2013**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMSP
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	445230.9790N
LTP/FTP LONGITUDE	0931402.7265W
LTP/FTP ELLIPSOIDAL HEIGHT	+02263
FPAP LATITUDE	445336.9700N
FPAP LONGITUDE	0931229.8300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	86949AAF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02535
FPAP ORTHOMETRIC HEIGHT	+02535

QUALITY CHECKED

CITY AND STATE	ELEVATION: 842 THRE: 832	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	RNAV	RNAV (GPS) RWY 4, AMDT 2A 6 FEBRUARY 2014	AMDT: 2
				DATED: 05/02/2013

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        GEP   K3011730V HANN45084447W093222345    N45084447W093222345E0060008772     NARGOPHER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IGEPY K30    C     N44492261W093182729                    E0006     NAR           IGEPY
        SUSAEAENRT   KETAM K30    C     N44445700W093243907                    E0007     NAR           KETAM
        SUSAEAENRT   LYDIA K30    C   L N44362940W093284419                    E0007     NAR           LYDIA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSPK3AMSP     0     110YHN44525510W093131840E000000842         1800018000C    MNAR    MINNEAPOLIS-ST PAUL INTL/WOLD-

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSPK3FR04   ALYDIA 010LYDIAK3EA0E  A    IF                                          18000              A JS
        SUSAP KMSPK3FR04   ALYDIA 020KETAMK3EA0EE B 010TF                    01900090    + 02600                     A JS
        SUSAP KMSPK3FR04   R      010KETAMK3EA0E  I    IF                               + 02600    18000            A JS
        SUSAP KMSPK3FR04   R      020IGEPYK3EA1E  F 051TF                    04490063    + 02300              RW04  K3PGA JS
        SUSAP KMSPK3FR04   R      020IGEPYK3EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KMSPK3FR04   R      030RW04 K3PG0GY M 031TF                    04500044      00887          -300       A JS
        SUSAP KMSPK3FR04   R      040         0  M     CA                    0450        + 01300                     A JS
        SUSAP KMSPK3FR04   R      050GEP  K3D 0VY  L   DF                               + 03000                     A JS
        SUSAP KMSPK3FR04   R      060GEP  K3D 0VE  L   HM                    11700040    + 03000                     A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSPK3GRW04    0110060450 N44523098W093140273+0000    +0226300832155055150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMSPK3PR04   RW04 001 0000W04A0N4452309790W09314027265+022630300N4453369700W093122983001067500000005 50F40035086949AAF
        SUSAP KMSPK3PR04   RW04 002E      +02535+02535LPV       72931

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 842 THRE: 832	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	AIRPORT NAME: **MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2A** 6 FEBRUARY 2014	AMDT: **2**
				DATED: **05/02/2013**

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```
SUSAP KMSPK3SRW04 K3PG          0   18018003525                                  M
```

CITY AND STATE	ELEVATION: 842 THRE: 832 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	
MINNEAPOLIS, MN	MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	RNAV	RNAV (GPS) RWY 4, AMDT 2A 6 FEBRUARY 2014	SUP: AMDT: 2 DATED: 05/02/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LYDIA	LYDIA	010	IAF	IF		FB					
	LYDIA	KETAM	020		TF		FB	1.0	019.0(019.0T)	009.0	AA 02600	
		KETAM	010	FACF	IF		FB				AA 02600	
		IGEPY	020	FAF	TF		FB	0.5	044.9(044.9T)	006.3	AA 02300	
		RW04	030	MAP	TF		FO	0.3	045.0(045.0T)	004.4	AT 00887	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		045.0(045.0T)		AA 01300	
	GEP	050		DF	L	FO				AA 03000	
	GEP	060		HM	L	FO		117.0(117.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEP	N450844.47	W0932223.45	N4508.741	W09322.391
	IGEPY	N444922.61	W0931827.29	N4449.377	W09318.455
	KETAM	N444457.00	W0932439.07	N4444.950	W09324.651
	LYDIA	N443629.40	W0932844.19	N4436.490	W09328.737
	RW04	N445230.98	W0931402.73	N4452.516	W09314.046

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00832	55

CITY AND STATE	ELEVATION: **842** THRE: **832**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	AIRPORT NAME: **MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 2A** 6 FEBRUARY 2014	AMDT: **2**
				DATED: **05/02/2013**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JASUK (IF/IAF)	YISUT (FB)	240.10 / 6.76	1700
YISUT (FAF)	RW24 (MAP) (FO)	240.03 / 3.92	
RWY24 (MAP)	466 MSL	240.03	
466 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 322 HATH: 0.69 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: 3.92 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	466	1	322	466	1	322	466	1	322		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 46C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

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-A 6 FEBRUARY 2014	AMDT: ORIG DATED 05/05/2011

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NOTES, (CONT.):
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.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: RWY 24 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

QUALITY 2 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-A 6 FEBRUARY 2014	AMDT: ORIG
				DATED: 05/05/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	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 2 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-A 6 FEBRUARY 2014	AMDT: ORIG
				DATED: 05/05/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC PACKET - 424-8 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JASUK K70    W     N35052885W078112603                          W0093     NAR           JASUK
        SUSAEAENRT   WEXES K70    W     N34504997W078332407                          W0090     NAR           WEXES
        SUSAEAENRT   YISUT K70    W     N35011353W078175044                          W0092     NAR           YISUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7ACTZ     0     050YHN34582978W078215627W009000144         1800018000C    MNAR    CLINTON-SAMPSON COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        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        + 00466                           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  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7GRW24    0050022400 N34584534W078213290-0300     +00092001440000580 74R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7PR24-Z RW24 001Z0000W24A0N3458453445W07821329030+000920360N3457491600W078225714001067512240005 80F4005007F5B2B4E
        SUSAP KCTZK7PR24-Z RW24 002E       +00438+00438LPV       82620

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCTZK7SRW24 K7PG               0   18018003125                                                                      M
```

QUALITY 2 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-A** 6 FEBRUARY 2014	AMDT: **ORIG**
				DATED: **05/05/2011**

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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JASUK	JASUK	010	IAF	HF	R	FO		240.1(231.1T)	004.0	AA 02500	
		JASUK	010	FACF	IF		FB				AA 02500	
		YISUT	020	FAF	TF		FB	0.5	240.1(231.1T)	006.8	AA 01700	
		RW24	030	MAP	TF		FO	0.3	240.0(231.0T)	003.9	AT 00202	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		240.0(231.0T)		AA 00466	
	WEXES	050		DF		FO				AA 02500	
	WEXES	060		HM	R	FO		059.9(050.9T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JASUK	N350528.85	W0781126.03	N3505.481	W07811.434
	WEXES	N345049.97	W0783324.07	N3450.833	W07833.401
	YISUT	N350113.53	W0781750.44	N3501.226	W07817.841
	RW24	N345845.34	W0782132.90	N3458.756	W07821.548

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00144	58

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-A 6 FEBRUARY 2014	AMDT: ORIG DATED: 05/05/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COATE	ELIZE (FB)	188.41 / 13.41	3000
STW VOR/DME	ELIZE (FB)	131.54 / 10.06	3000
ELIZE (IAF)	ALIDA (FB)	131.50 / 13.77	3000
ALIDA	WOLSU (FB)	116.99 / 7.73	2000
SBJ VOR/DME	DUCEC (FB)	074.70 / 19.48	3400
DUCEC (IAF)	WOLSU (FB)	079.85 / 5.53	2000
WOLSU (IF)	PESME (FB)	077.70 / 3.10	1700
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: JEBUV

CLIMBING LEFT TURN TO 2000 DIRECT FEREP AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WOLSU
3. FAC: 062.96 FAF: TBERN DIST FAF TO MAP: 2.82 THLD: 3.89
4. MIN. ALT: WOLSU 2000, PESME 1700, TBERN 1300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1300 GS ALT AT: TBERN 1300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: JEBUV 3000

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 047.00 INBOUND.
CHART FAS OBST: 442 TOWER 404936N/0740433W
DISTANCE TO THLD FROM 453 HATH: 1.25 NM.
CHART VDP AT 0.80 MILES TO JEBUV*
*LNAV ONLY.
WAAS CHANNEL # 65634
REFERENCE PATH ID: W06B
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 6500 FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.86 DEGREES.
LTP HAE: -30.4 M

MAG VAR: 12W 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	459	5300	453	459	5300	453	459	5300	453	459	5300	453			
LNAV/VNAV DA	672	1 7/8	666	672	1 7/8	666	672	1 7/8	666	672	1 7/8	666			
LNAV MDA	660	4200	654	660	4200	654	660	1 3/8	654	660	1 3/8	654			
CIRCLING	760	1 1/4	751	760	1 1/4	751	820	2 1/2	811	1040	3	1031			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 01 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA FOR CATS B, C, AND D NORTHWEST OF RWY 6-19.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT C 900-2 1/2, CAT D 1100-3

CITY AND STATE	ELEVATION: 9 THRE: 6	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TETERBORO, NJ	AIRPORT NAME: TETERBORO	RNAV	RNAV (GPS) X RWY 6, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG DATED 11/17/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PESME	TBERN (FB)	077.74 / 2.60	1300
TBERN (FAF)	JEBUV (MAP) (FO)	062.96 / 2.82	
JEBUV (MAP)	409 MSL	062.96	
409 MSL	FEREP (FO)		2000

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILES, LNAV/VNAV ALL CATS VISIBILITY TO 2 1/2 MILES, AND LNAV CATS A/B VISIBILITY TO 1 1/4 MILES.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SBJ VOR/DME AIRWAY RADIALS 028 CW 147.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COATE ON V252 NORTHBOUND AND V116-126-188 NORTHWEST BOUND.

CITY AND STATE	ELEVATION: 9 THRE: 6	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
TETERBORO, NJ	AIRPORT NAME: TETERBORO	RNAV	RNAV (GPS) X RWY 6, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG
				DATED: 11/17/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTEB
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	X
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06B
LTP/FTP LATITUDE	405045.7305N
LTP/FTP LONGITUDE	0740410.4280W
LTP/FTP ELLIPSOIDAL HEIGHT	-00304
FPAP LATITUDE	405141.8275N
FPAP LONGITUDE	0740239.1665W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	424864AD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00018
FPAP ORTHOMETRIC HEIGHT	+00018

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SBJ   K6011290VDLA N40345896W074443046    N40345896W074443046W0100001891     NARSOLBERG
        SUSAD        STW   K6010960VDL  N40594495W074520851    N40594495W074520851W0110009201     NARSTILLWATER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ALIDA K60    W     N40475861W074244939                      W0128     NAR           ALIDA
        SUSAEAENRT   COATE K60    C   B N41081042W074414260                      W0128     NAR           COATE
        SUSAEAENRT   DUCEC K60    W     N40435307W074214421                      W0129     NAR           DUCEC
        SUSAEAENRT   ELIZE K60    W     N40544670W074403608                      W0127     NAR           ELIZE
        SUSAEAENRT   FEREP K60    W     N41053138W074034084                      W0131     NAR           FEREP
        SUSAEAENRT   JEBUV K60    W     N40500536W074051606                      W0130     NAR           JEBUV
        SUSAEAENRT   PESME K60    W     N40471456W074111663                      W0130     NAR           PESME
        SUSAEAENRT   TBERN K60    W     N40481866W074080934                      W0130     NAR           TBERN
        SUSAEAENRT   WOLSU K60    W     N40455809W074145964                      W0129     NAR           WOLSU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTEBK6ATEB     0     070YHN40510037W074033901W012000009         1800018000C    MNAR    TETERBORO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KTEBK6FR06-X ACOATE 010COATEK6EA0E       IF                                                18000                 A JS
        SUSAP KTEBK6FR06-X ACOATE 020ELIZEK6EA0E  A 020TF                    18840134    + 03000                                A JS
        SUSAP KTEBK6FR06-X ACOATE 030ALIDAK6EA0E    010TF                    13150138    + 03000                                A JS
        SUSAP KTEBK6FR06-X ACOATE 040WOLSUK6EA0EE B 010TF                    11700077    + 02000                                A JS
        SUSAP KTEBK6FR06-X ASBJ   010SBJ  K6D 0V       IF                                                18000                 A JS
        SUSAP KTEBK6FR06-X ASBJ   020DUCECK6EA0E  A 020TF                    07470195    + 03400                                A JS
        SUSAP KTEBK6FR06-X ASBJ   030WOLSUK6EA0EE B 010TF                    07990055    + 02000                                A JS
        SUSAP KTEBK6FR06-X ASTW   010STW  K6D 0V       IF                                                18000                 A JS
        SUSAP KTEBK6FR06-X ASTW   020ELIZEK6EA0E  A 020TF                    13150101    + 03000                                A JS
        SUSAP KTEBK6FR06-X ASTW   030ALIDAK6EA0E    010TF                    13150138    + 03000                                A JS
        SUSAP KTEBK6FR06-X ASTW   040WOLSUK6EA0EE B 010TF                    11700077    + 02000                                A JS
        SUSAP KTEBK6FR06-X R      010WOLSUK6EA0E  I    IF                                + 02000     18000                 A JS
        SUSAP KTEBK6FR06-X R      011PESMEK6EA0E S  051TF                    07770031    + 01700                                A JS
        SUSAP KTEBK6FR06-X R      020TBERNK6EA1E  F 051TF                    07770026    + 01300                 JEBUV K6EAA JS
        SUSAP KTEBK6FR06-X R      020TBERNK6EA2WALPV       ALNAV/VNAV ALNAV                                                        JS
        SUSAP KTEBK6FR06-X R      030JEBUVK6EA0EY M 031TF                    06300028      00402             -300                A JS
        SUSAP KTEBK6FR06-X R      040         0  M     CA                    0630        + 00409                                A JS
```

CITY AND STATE	ELEVATION: 9 THRE: 6	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TETERBORO, NJ	AIRPORT NAME: TETERBORO	RNAV	RNAV (GPS) X RWY 6, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG DATED: 11/17/2011

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```
SUSAP KTEBK6FR06-X R      050FEREPK6EA0EY  L   DF                              + 02000                          A JS
SUSAP KTEBK6FR06-X R      060FEREPK6EA0EE  R   HM                   04700040   + 02000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KTEBK6GRW06    0060130602 N40504821W074041307+0000    -00304000060000053150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KTEBK6PR06-X RW06 001X0000W06B0N4050457305W07404104280-003040300N4051418275W0740239166510675000000550F400500424864AD
       SUSAP KTEBK6PR06-X RW06 002E      +00018+00018LPV       65634

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KTEBK6SJEBUVK6EA              0   18018003025                                                              M
```

CITY AND STATE	ELEVATION: 9 THRE: 6	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TETERBORO, NJ	AIRPORT NAME: TETERBORO	RNAV	RNAV (GPS) X RWY 6, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG
				DATED: 11/17/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	COATE	COATE	010		IF		FB					
	COATE	ELIZE	020	IAF	TF		FB	2.0	188.4(176.4T)	013.4	AA 03000	
	COATE	ALIDA	030		TF		FB	1.0	131.5(119.5T)	013.8	AA 03000	
	COATE	WOLSU	040		TF		FB	1.0	117.0(105.0T)	007.7	AA 02000	
	SBJ	SBJ	010		IF		FB					
	SBJ	DUCEC	020	IAF	TF		FB	2.0	074.7(062.7T)	019.5	AA 03400	
	SBJ	WOLSU	030		TF		FB	1.0	079.9(067.9T)	005.5	AA 02000	
	STW	STW	010		IF		FB					
	STW	ELIZE	020	IAF	TF		FB	2.0	131.5(119.5T)	010.1	AA 03000	
	STW	ALIDA	030		TF		FB	1.0	131.5(119.5T)	013.8	AA 03000	
	STW	WOLSU	040		TF		FB	1.0	117.0(105.0T)	007.7	AA 02000	
		WOLSU	010	FACF	IF		FB				AA 02000	
		PESME	011	SDF	TF		FB	0.5	077.7(065.7T)	003.1	AA 01700	
		TBERN	020	FAF	TF		FB	0.5	077.7(065.7T)	002.6	AA 01300	
		JEBUV	030	MAP	TF		FO	0.3	063.0(051.0T)	002.8	AT 00402	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		063.0(051.0T)		AA 00409	
	FEREP	050		DF	L	FO				AA 02000	
	FEREP	060		HM	R	FO		047.0(035.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SBJ	N403458.96	W0744430.46	N4034.983	W07444.508
	STW	N405944.95	W0745208.51	N4059.749	W07452.142
	ALIDA	N404758.61	W0742449.39	N4047.977	W07424.823
	COATE	N410810.42	W0744142.60	N4108.174	W07441.710
	DUCEC	N404353.07	W0742144.21	N4043.885	W07421.737
	ELIZE	N405446.70	W0744036.08	N4054.778	W07440.601
	FEREP	N410531.38	W0740340.84	N4105.523	W07403.681
	JEBUV	N405005.36	W0740516.06	N4050.089	W07405.268
	PESME	N404714.56	W0741116.63	N4047.243	W07411.277
	TBERN	N404818.66	W0740809.34	N4048.311	W07408.156
	WOLSU	N404558.09	W0741459.64	N4045.968	W07414.994
	RW06	N405048.21	W0740413.07	N4050.804	W07404.218

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00006	53

CITY AND STATE	ELEVATION: 9 THRE: 6 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TETERBORO, NJ	**TETERBORO**	**RNAV**	**RNAV (GPS) X RWY 6, AMDT 1** 6 FEBRUARY 2014	AMDT: **ORIG**
				DATED: **11/17/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROC VOR/DME	QEBZA (FO)	017.86 / 3.59	4300
QEBZA (IF/IAF)	OBILY (FB)	282.27 / 6.10	2200
OBILY (FAF)	JEBEM/2.20 NM TO RW28 (FB)	282.17 / 2.44	
JEBEM/2.20 NM TO RW28	RW28 (MAP) (FO)	282.17 / 2.20	
RW28 (MAP)	1060 MSL	282.17	
1060 MSL	CESON (FB)		
CESON	CLUNG (FO)	192.64 / 7.65	3500

MISSED APPROACH

LNAV: RW28

CLIMB TO 3500 DIRECT CESON AND ON TRACK 192.64 TO CLUNG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 086.29 INBOUND.
CHART FAS OBST: 764 TREE 431016N/0775246W
OBILY TO RW28: 3.00/59.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E QEBZA, RT, 282.27 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 282.17 FAF: OBILY DIST FAF TO MAP: 4.64 THLD: 4.64
4. MIN. ALT: QEBZA 3500, OBILY 2200, JEBEM/2.20 NM TO RW28 1420
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 3100

MAG VAR: 11W 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	1060	1	397	1060	1	397		NA			NA				
CIRCLING	1160	1	495	1160	1	495		NA			NA				

NOTES:
CHART NOTE: USE ROCHESTER ALTIMETER SETTING; WHEN NOT RECEIVED, USE BUFFALO NIAGARA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ROC VOR/DME AIRWAY RADIALS 291 CW 099.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 665 THRE: 663 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BROCKPORT, NY	LEDGEDALE AIRPARK	RNAV	RNAV (GPS) RWY 28, AMDT 1A 6 FEBRUARY 2014	AMDT: 1 DATED 06/30/2011

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 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 DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.

CITY AND STATE	ELEVATION: 665 THRE: 663	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BROCKPORT, NY	AIRPORT NAME: LEDGEDALE AIRPARK	RNAV	RNAV (GPS) RWY 28, AMDT 1A 6 FEBRUARY 2014	AMDT: 1
				DATED: 06/30/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ROC   K6011000VDL  N43070466W077402206    N43070531W077402206W0120005451     NARROCHESTER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CESON K60    W     N43105634W077595541                      W0114     NAR           CESON
        SUSAEAENRT   CLUNG K60    C   L N43031717W078001338                      W0113     NAR           CLUNG
        SUSAEAENRT   JEBEM K60    W     N43104929W077512706                      W0115     NAR           JEBEM
        SUSAEAENRT   OBILY K60    W     N43104634W077480682                      W0115     NAR           OBILY
        SUSAEAENRT   QEBZA K60    W     N43103855W077394691                      W0116     NAR           QEBZA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7G0 K6A7G0     0     042YHN43105230W077545580W011000665         1800018000C    MNAR    LEDGEDALE AIRPARK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7G0 K6FR28   AROC   010ROC  K6D 0V       IF                                          18000                 B JS
        SUSAP 7G0 K6FR28   AROC   020QEBZAK6EA0EY   020TF                    01790036    + 04300                          B JS
        SUSAP 7G0 K6FR28   AROC   030QEBZAK6EA0EE AR   HF                    28230040    + 03500                          B JS
        SUSAP 7G0 K6FR28   R      010QEBZAK6EA0E  I    IF                                + 03500     18000                B JS
        SUSAP 7G0 K6FR28   R      020OBILYK6EA1E  F 051TF                    28230061    + 02200                 RW28  K6PGB JS
        SUSAP 7G0 K6FR28   R      020OBILYK6EA2WN          N          ALNAV                                                JS
        SUSAP 7G0 K6FR28   R      021JEBEMK6EA0E S  031TF                    28220024    V 0142001427        -300          B JS
        SUSAP 7G0 K6FR28   R      030RW28 K6PG0GY M 031TF                    28220022      00722             -300          B JS
        SUSAP 7G0 K6FR28   R      040         0  M     CA                    2822        + 01060                          B JS
        SUSAP 7G0 K6FR28   R      050CESONK6EA0E       DF                                                                  B JS
        SUSAP 7G0 K6FR28   R      060CLUNGK6EA0EY   010TF                    1926        + 03500                          B JS
        SUSAP 7G0 K6FR28   R      070CLUNGK6EA0EE  R   HM                    08630040    + 03500                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7G0 K6GRW28    0042062821 N43105186W077542742-0100    +0166600663000059075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7G0 K6SRW28 K6PG                0   18018003125                                                                M
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 665 THRE: 663	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROCKPORT, NY	AIRPORT NAME: **LEDGEDALE AIRPARK**	**RNAV**	**RNAV (GPS) RWY 28, AMDT 1A** 6 FEBRUARY 2014	AMDT: **1**
				DATED: **06/30/2011**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ROC	ROC	010		IF		FB					
	ROC	QEBZA	020		TF		FO	2.0	017.9(006.9T)	003.6	AA 04300	
	ROC	QEBZA	030	IAF	HF	R	FO		282.3(271.3T)	004.0	AA 03500	
		QEBZA	010	FACF	IF		FB				AA 03500	
		OBILY	020	FAF	TF		FB	0.5	282.3(271.3T)	006.1	AA 02200	
		JEBEM	021	SDF	TF		FB	0.3	282.2(271.2T)	002.4	AA 01420 GS 01427	
		RW28	030	MAP	TF		FO	0.3	282.2(271.2T)	002.2	AT 00722	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		282.2(271.2T)		AA 01060	
	CESON	050		DF		FB					
	CLUNG	060		TF		FO	1.0	192.6(181.6T)		AA 03500	
	CLUNG	070		HM	R	FO		086.3(075.3T)	C04.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ROC	N430704.66	W0774022.06	N4307.078	W07740.368
	CESON	N431056.34	W0775955.41	N4310.939	W07759.924
	CLUNG	N430317.17	W0780013.38	N4303.286	W07800.223
	JEBEM	N431049.29	W0775127.06	N4310.822	W07751.451
	OBILY	N431046.34	W0774806.82	N4310.772	W07748.114
	QEBZA	N431038.55	W0773946.91	N4310.643	W07739.782
	RW28	N431051.86	W0775427.42	N4310.864	W07754.457

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00663	59

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: **665** **THRE: 663**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BROCKPORT, NY	AIRPORT NAME: **LEDGEDALE AIRPARK**	**RNAV**	**RNAV (GPS) RWY 28, AMDT 1A** 6 FEBRUARY 2014	AMDT: **1**
				DATED: **06/30/2011**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DSD VORTAC	BODEY LOM	056.80 / 12.71	6600

MISSED APPROACH

MAP: 4.57 MILES AFTER BODEY LOM

CLIMB TO 5600 THEN CLIMBING LEFT TURN TO 6600 DIRECT BODEY LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 085.99 INBOUND.
CHART FAS OBST: 3742 POWER LINE 441647N/1205626W
CHART REDMOND ASOS.
CHART CIRCLING ICON.
BODEY LOM TO RW10: 2.91/40.

1. PT R SIDE OF COURSE 265.99 OUTBOUND 6600 FT WITHIN 10 MILES OF BODEY LOM (IAF)
2.
3. FAC 085.99 FAF BODEY LOM DIST FAF TO MAP 4.57 THLD 4.57
4. MIN. ALT BODEY LOM 4700
8. MSA FROM: RD LOM 090-180 7300, 180-270 8500, 270-360 7700, 360-090 8200

MAG VAR: 15E EPOCH YEAR:2015

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-10	4100	1	854	4100	1 1/4	854	4100	2 1/2	854	4100	2 1/2	854			
CIRCLING	4100	1 1/4	849	4100	1 1/4	849	4100	2 1/2	849	4100	2 3/4	849			

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D SW OF RWY 10-28.
CHART NOTE: USE REDMOND ALTIMETER SETTING; WHEN NOT RECEIVED, USE BEND ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3246 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
				AMDT ORIG-A
PRINEVILLE, OR	PRINEVILLE	RD	NDB RWY 10, AMDT 1 6 FEBRUARY 2014	DATE 04/13/2006

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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CITY AND STATE	ELEVATION: 3251 THRE: 3246 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
				AMDT: ORIG-A
PRINEVILLE, OR	PRINEVILLE	RD	NDB RWY 10, AMDT 1 6 FEBRUARY 2014	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
HORRN	BOTTL (FB)	118.05 / 10.00	8700
BOTTL (IAF)	IVVIB (NOPT) (FB)	076.80 / 10.91	7100
HERBS (IAF)	IVVIB (NOPT) (FB)	127.45 / 4.37	7100
DSD VORTAC (IAF)	IVVIB (NOPT) (FB)	014.20 / 7.44	7100
IVVIB (IF/IAF)	RUVHE (FB)	091.64 / 7.72	5200
RUVHE (FAF)	ASICU (MAP) (FO)	091.75 / 5.53	
ASICU (MAP)	5100 MSL	091.75	5100
5100 MSL	DSD VORTAC (FO)		7100

MISSED APPROACH

LP: ASICU
LNAV: ASICU

CLIMB TO 5100 THEN CLIMBING RIGHT TURN TO 7100 DIRECT DSD VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W IVVIB, RT, 091.64 INBOUND, 7100 FT. IN LIEU OF PT (IAF)
3. FAC: 091.75 FAF: RUVHE DIST FAF TO MAP: 5.53 THLD: 6.01
4. MIN. ALT: IVVIB 7100, RUVHE 5200
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: ASICU 8200

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 085.50 INBOUND.
CHART FAS OBST: 3639 TREE 441830N/1205550W
FAS OBST: 3379 AAO 441904N/1205901W
CHART REDMOND ASOS.
WAAS CHANNEL # 60936
REFERENCE PATH ID: W10A
CHART CIRCLING ICON.
FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.
RUVHE TO RW10: 3.00/40.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 12.53 DEGREES.
LTP HAE: 968.7 M

MAG VAR: 15E EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	3840	1	594	3840	1	594	3840	1 3/4	594	3840	1 3/4	594			
**LP MDA	3680	1	434	3680	1	434	3680	1 1/4	434	3680	1 1/4	434			
LNAV MDA	3940	1	694	3940	1	694	3940	2	694	3940	2	694			
CIRCLING	4000	1	749	4100	1 1/4	849	4100	2 1/2	849	4100	2 3/4	849			

NOTES:
CHART NOTE: **MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 220 FEET PER NM TO 5500.
CHART NOTE: CIRCLING NA FOR CAT D SW OF RWY 10-28.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE REDMOND ALTIMETER SETTING; WHEN NOT RECEIVED, USE BEND ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3246	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 10, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG
				DATED 02/07/2001

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 MDA 20 FT AND **LP CAT C/D VISIBILITY 1/8 NM.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DSD VORTAC AIRWAY RADIALS 295 CW 092.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3246	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: **PRINEVILLE**	**RNAV**	**RNAV (GPS) RWY 10, AMDT 1** 6 FEBRUARY 2014	AMDT: **ORIG**
				DATED: **02/07/2001**

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	S39
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
FTP LATITUDE	441742.2355N
FTP LONGITUDE	1205450.6010W
LTP/FTP ELLIPSOIDAL HEIGHT	+09687
FPAP LATITUDE	441716.4080N
FPAP LONGITUDE	1205251.8770W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	7A27BDC3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09895
FPAP ORTHOMETRIC HEIGHT	+09895

CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3246	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 10, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG
				DATED: 02/07/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

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ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DSD   K1011760VTHA N44150995W121181269    N44150853W121181238E0180041012     NARDESCHUTES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASICU K10    W     N44175063W120552923                      E0152     NAR           ASICU
        SUSAEAENRT   BOTTL K10    C   L N44220101W121282148                      E0153     NAR           BOTTL
        SUSAEAENRT   HERBS K10    C   L N44250723W121165175                      E0153     NAR           HERBS
        SUSAEAENRT   HORRN K10    C   L N44285103W121383273                      E0154     NAR           HORRN
        SUSAEAENRT   IVVIB K10    W     N44213945W121130919                      E0153     NAR           IVVIB
        SUSAEAENRT   RUVHE K10    W     N44192638W121025124                      E0152     NAR           RUVHE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1AS39     0     057YHN44171600W120541860E015003251         1800018000C    MNAR    PRINEVILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1FR10   ADSD   010DSD  K1D 0V  A    IF                                                18000                A JS
        SUSAP S39 K1FR10   ADSD   020IVVIBK1EA0EE B 010TF                     01420074    + 07100                            A JS
        SUSAP S39 K1FR10   AHERBS 010HERBSK1EA0E  A    IF                                                18000                A JS
        SUSAP S39 K1FR10   AHERBS 020IVVIBK1EA0EE B 010TF                     12750044    + 07100                            A JS
        SUSAP S39 K1FR10   AHORRN 010HORRNK1EA0E       IF                                                18000                A JS
        SUSAP S39 K1FR10   AHORRN 020BOTTLK1EA0E  A 020TF                     11810100    + 08700                            A JS
        SUSAP S39 K1FR10   AHORRN 030IVVIBK1EA0EE B 010TF                     07680109    + 07100                            A JS
        SUSAP S39 K1FR10   AIVVIB 010IVVIBK1EA0EE AR   HF                     09160070    + 07100     18000                  A JS
        SUSAP S39 K1FR10   R      010IVVIBK1EA0E  I    IF                                 + 07100     18000                  A JS
        SUSAP S39 K1FR10   R      020RUVHEK1EA1E  F 051TF                     09160077    + 05200                 ASICU K1EAA JS
        SUSAP S39 K1FR10   R      020RUVHEK1EA2WALP        N          ALNAV                                                    JS
        SUSAP S39 K1FR10   R      030ASICUK1EA0EY M 031TF                     09180055      03439             -300           A JS
        SUSAP S39 K1FR10   R      040         0  M     CA                     0918        + 05100                            A JS
        SUSAP S39 K1FR10   R      050DSD  K1D 0VY  R   DF                                 + 07100                            A JS
        SUSAP S39 K1FR10   R      060DSD  K1D 0VE  L   HM                     08550070    + 07100                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1GRW10    0057511043 N44173614W120545325-0200    +0968703246000040075R
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3246	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: **PRINEVILLE**	**RNAV**	**RNAV (GPS) RWY 10, AMDT 1** 6 FEBRUARY 2014	AMDT: **ORIG**
				DATED: **02/07/2001**

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1PR10   RW10 001 0000W10A0N4417422355W12054506010+096870300N4417164080W120525187701067500000000400F4000007A27BDC3
        SUSAP S39 K1PR10   RW10 002E      +09895+09895LP        60936

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1SASICUK1EA             0   18018008225                                                                    M
```

CITY AND STATE	ELEVATION: 3251 THRE: 3246	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 10, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG DATED: 02/07/2001

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DSD	DSD	010	IAF	IF		FB					
	DSD	IVVIB	020		TF		FB	1.0	014.2(029.2T)	007.4	AA 07100	
	HERBS	HERBS	010	IAF	IF		FB					
	HERBS	IVVIB	020		TF		FB	1.0	127.5(142.5T)	004.4	AA 07100	
	HORRN	HORRN	010		IF		FB					
	HORRN	BOTTL	020	IAF	TF		FB	2.0	118.1(133.1T)	010.0	AA 08700	
	HORRN	IVVIB	030		TF		FB	1.0	076.8(091.8T)	010.9	AA 07100	
	IVVIB	IVVIB	010	IAF	HF	R	FO		091.6(106.6T)	007.0	AA 07100	
		IVVIB	010	FACF	IF		FB				AA 07100	
		RUVHE	020	FAF	TF		FB	0.5	091.6(106.6T)	007.7	AA 05200	
		ASICU	030	MAP	TF		FO	0.3	091.8(106.8T)	005.5	AT 03439	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		091.8(106.8T)		AA 05100	
	DSD	050		DF	R	FO				AA 07100	
	DSD	060		HM	L	FO		085.5(100.5T)	007.0	AA 07100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSD	N441509.95	W1211812.69	N4415.166	W12118.212
	ASICU	N441750.63	W1205529.23	N4417.844	W12055.487
	BOTTL	N442201.01	W1212821.48	N4422.017	W12128.358
	HERBS	N442507.23	W1211651.75	N4425.121	W12116.863
	HORRN	N442851.03	W1213832.73	N4428.851	W12138.546
	IVVIB	N442139.45	W1211309.19	N4421.658	W12113.153
	RUVHE	N441926.38	W1210251.24	N4419.440	W12102.854
	RW10	N441736.14	W1205453.25	N4417.602	W12054.888

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10	03246	40

CITY AND STATE	ELEVATION: 3251 THRE: 3246 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	PRINEVILLE	RNAV	RNAV (GPS) RWY 10, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG DATED: 02/07/2001

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
GASHE	ZUDMI (FB)	125.92 / 50.13	8300
ROAMS	ZUDMI (FB)	169.63 / 28.69	8500
IMB VORTAC	ZUDMI (FB)	225.11 / 37.65	9000
ZUDMI (IAF)	IKZIV (FB)	194.59 / 11.50	8000
NAXZY (IAF)	IKZIV (FB)	326.49 / 7.57	8000
IKZIV (IF)	UHUFY (FB)	284.50 / 6.30	6000
UHUFY (FAF)	JOYXE/4.80 NM TO UPEFI (FB)	284.41 / 2.48	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: UPEFI
LNAV: UPEFI

CLIMB TO 3800 THEN CLIMBING LEFT TURN TO 7100 DIRECT DSD VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT IKZIV
3. FAC: 284.41 FAF: UHUFY DIST FAF TO MAP: 7.28 THLD: 8.28
4. MIN. ALT: IKZIV 8000, UHUFY 6000, JOYXE/4.80 NM TO UPEFI 5180, OGEYU/3.10 NM TO UPEFI 4620, (SEE FORM 8260-10)
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: UPEFI 8200

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 085.50 INBOUND.
CHART FAS OBST: 3338 TRMSN TWR 441640N/1205248W
CHART FAS OBST: 3389 TRMSN TWR 441630N/1205308W
4679 AAO 441413N/1204353W
3659 AAO 441458N/1204907W
4879 AAO 441434N/1204204W
4519 AAO 441433N/1204616W
CHART REDMOND ASOS.
WAAS CHANNEL # 56235
REFERENCE PATH ID: W28A
CHART CIRCLING ICON.
UHUFY TO RW28: 3.10/40.
LTP HAE: 965.7 M

MAG VAR: 15E EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	3640	1 1/4	404	3640	1 1/4	404	3640	1 1/4	404	3640	1 1/4	404			
LNAV MDA	3700	1 1/4	464	3700	1 1/4	464	3700	1 3/8	464	3700	1 3/8	464			
CIRCLING	4000	1 1/4	749	4100	1 1/4	849	4100	2 1/2	849	4100	2 3/4	849			

NOTES:
CHART NOTE: CIRCLING NA FOR CAT D SW OF RWY 10-28.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GASHE ON V25 NORTHBOUND.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG-A
			6 FEBRUARY 2014	DATED 10/26/2006

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LINE 4, (CONT.):
CUSVA/1.10 NM TO UPEFI 3960

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOYXE/4.80 NM TO UPEFI	OGEYU/3.10 NM TO UPEFI (FB)	284.41 / 1.70	
OGEYU/3.10 NM TO UPEFI	CUSVA/1.10 NM TO UPEFI (FB)	284.41 / 2.00	
CUSVA/1.10 NM TO UPEFI	UPEFI (MAP) (FO)	284.41 / 1.10	
UPEFI (MAP)	3800 MSL	284.41	3800
3800 MSL	DSD VORTAC (FO)		7100

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROAMS ON V536 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NAXZY ON V269 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IMB VORTAC AIRWAY RADIALS 132 CW 298.
CHART NOTE: USE REDMOND ALTIMETER SETTING; WHEN NOT RECEIVED, USE BEND ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

4
CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG-A
				DATED: 10/26/2006

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	S39
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	441708.3650N
LTP/FTP LONGITUDE	1205344.3060W
LTP/FTP ELLIPSOIDAL HEIGHT	+09657
FPAP LATITUDE	441751.9370N
FPAP LONGITUDE	1205532.5125W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	A66AA8FE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09864
FPAP ORTHOMETRIC HEIGHT	+09864

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG-A
				DATED: 10/26/2006

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

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DSD   K1011760VTHA N44150995W121181269    N44150853W121181238E0180041012     NARDESCHUTES
        SUSAD        IMB   K1011560VTHA N44385421W119424187    N44385421W119424187E0200052202     NARKIMBERLY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUSVA K10    W     N44160669W120511137                    E0152     NAR           CUSVA
        SUSAEAENRT   GASHE K10    C   L N44590248W121121230                    E0154     NAR           GASHE
        SUSAEAENRT   IKZIV K10    W     N44095900W120360431                    E0151     NAR           IKZIV
        SUSAEAENRT   JOYXE K10    W     N44141789W120464212                    E0152     NAR           JOYXE
        SUSAEAENRT   NAXZY K10    C   L N44024820W120324392                    E0151     NAR           NAXZY
        SUSAEAENRT   OGEYU K10    W     N44150790W120484580                    E0152     NAR           OGEYU
        SUSAEAENRT   ROAMS K10    R   L N44483512W120245721                    E0152     NAR           ROAMS
        SUSAEAENRT   UHUFY K10    W     N44130500W120434214                    E0151     NAR           UHUFY
        SUSAEAENRT   UPEFI K10    W     N44163900W120523147                    E0152     NAR           UPEFI
        SUSAEAENRT   ZUDMI K10    W     N44195929W120281092                    E0151     NAR           ZUDMI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1AS39     0     057YHN44171600W120541860E015003251         1800018000C    MNAR    PRINEVILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP S39 K1FR28   AGASHE 010GASHEK1EA0E       IF                                          18000                 A JS
        SUSAP S39 K1FR28   AGASHE 020ZUDMIK1EA0E  A 020TF                    12590501    + 08300                          A JS
        SUSAP S39 K1FR28   AGASHE 030IKZIVK1EA0EE B 010TF                    19460115    + 08000                          A JS
        SUSAP S39 K1FR28   AIMB   010IMB  K1D 0V       IF                                          18000                 A JS
        SUSAP S39 K1FR28   AIMB   020ZUDMIK1EA0E  A 020TF                    22510377    + 09000                          A JS
        SUSAP S39 K1FR28   AIMB   030IKZIVK1EA0EE B 010TF                    19460115    + 08000                          A JS
        SUSAP S39 K1FR28   ANAXZY 010NAXZYK1EA0E  A    IF                                          18000                 A JS
        SUSAP S39 K1FR28   ANAXZY 020IKZIVK1EA0EE B 010TF                    32650076    + 08000                          A JS
        SUSAP S39 K1FR28   AROAMS 010ROAMSK1EA0E       IF                                          18000                 A JS
        SUSAP S39 K1FR28   AROAMS 020ZUDMIK1EA0E  A 020TF                    16960287    + 08500                          A JS
        SUSAP S39 K1FR28   AROAMS 030IKZIVK1EA0EE B 010TF                    19460115    + 08000                          A JS
        SUSAP S39 K1FR28   R      010IKZIVK1EA0E  I    IF                                + 08000     18000                 A JS
        SUSAP S39 K1FR28   R      020UHUFYK1EA1E  F 051TF                    28450063    + 06000                UPEFI K1EAA JS
        SUSAP S39 K1FR28   R      020UHUFYK1EA2WALP        N          ALNAV                                                JS
        SUSAP S39 K1FR28   R      021JOYXEK1EA0E S  031TF                    28440025    V 0518005185        -310          A JS
        SUSAP S39 K1FR28   R      022OGEYUK1EA0E S  031TF                    28440017    V 0462004626        -310          A JS
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG-A
			6 FEBRUARY 2014	DATED: 10/26/1006

Bearings, headings, courses, and radials are magnetic. Elevations 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 S39 K1FR28   R      023CUSVAK1EA0E S  031TF                  28440020    V 0396003967       -310          A JS
SUSAP S39 K1FR28   R      030UPEFIK1EA0EY M 031TF                  28440011      03605            -310          A JS
SUSAP S39 K1FR28   R      040          0  M     CA                 2844        + 03800                          A JS
SUSAP S39 K1FR28   R      050DSD  K1D 0VY  L    DF                              + 07100                          A JS
SUSAP S39 K1FR28   R      060DSD  K1D 0VE  L    HM                 08550070    + 07100                          A JS

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP S39 K1GRW28    0057512843 N44170837W120534431+0200    +0965703236000040075R

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP S39 K1PR28   RW28 001 0000W28A0N4417083650W12053443060+096570310N4417519370W120553251251067510000004O0F400000A66AA8FE
       SUSAP S39 K1PR28   RW28 002E      +09864+09864LP        56235

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP S39 K1SUPEFIK1EA              0   18018008225                                                              M
```

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG-A DATED: 10/26/1006

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GASHE	GASHE	010		IF		FB					
	GASHE	ZUDMI	020	IAF	TF		FB	2.0	125.9(140.9T)	050.1	AA 08300	
	GASHE	IKZIV	030		TF		FB	1.0	194.6(209.6T)	011.5	AA 08000	
	IMB	IMB	010		IF		FB					
	IMB	ZUDMI	020	IAF	TF		FB	2.0	225.1(240.1T)	037.7	AA 09000	
	IMB	IKZIV	030		TF		FB	1.0	194.6(209.6T)	011.5	AA 08000	
	NAXZY	NAXZY	010	IAF	IF		FB					
	NAXZY	IKZIV	020		TF		FB	1.0	326.5(341.5T)	007.6	AA 08000	
	ROAMS	ROAMS	010		IF		FB					
	ROAMS	ZUDMI	020	IAF	TF		FB	2.0	169.6(184.6T)	028.7	AA 08500	
	ROAMS	IKZIV	030		TF		FB	1.0	194.6(209.6T)	011.5	AA 08000	
		IKZIV	010	FACF	IF		FB				AA 08000	
		UHUFY	020	FAF	TF		FB	0.5	284.5(299.5T)	006.3	AA 06000	
		JOYXE	021	SDF	TF		FB	0.3	284.4(299.4T)	002.5	AA 05180 GS 05185	
		OGEYU	022	SDF	TF		FB	0.3	284.4(299.4T)	001.7	AA 04620 GS 04626	
		CUSVA	023	SDF	TF		FB	0.3	284.4(299.4T)	002.0	AA 03960 GS 03967	
		UPEFI	030	MAP	TF		FO	0.3	284.4(299.4T)	001.1	AT 03605	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		284.4(299.4T)		AA 03800	
	DSD	050		DF	L	FO				AA 07100	
	DSD	060		HM	L	FO		085.5(100.5T)	007.0	AA 07100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSD	N441509.95	W1211812.69	N4415.166	W12118.212
	IMB	N443854.21	W1194241.87	N4438.904	W11942.698
	CUSVA	N441606.69	W1205111.37	N4416.112	W12051.190
	GASHE	N445902.48	W1211212.30	N4459.041	W12112.205
	IKZIV	N440959.00	W1203604.31	N4409.983	W12036.072
	JOYXE	N441417.89	W1204642.12	N4414.298	W12046.702
	NAXZY	N440248.20	W1203243.92	N4402.803	W12032.732
	OGEYU	N441507.90	W1204845.80	N4415.132	W12048.763
	ROAMS	N444835.12	W1202457.21	N4448.585	W12024.954
	UHUFY	N441305.00	W1204342.14	N4413.083	W12043.702
	UPEFI	N441639.00	W1205231.47	N4416.650	W12052.525
	ZUDMI	N441959.29	W1202810.92	N4419.988	W12028.182
	RW28	N441708.37	W1205344.31	N4417.140	W12053.739

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG-A DATED: 10/26/1006

Bearings, headings, courses, and radials are magnetic. Elevations 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.

RW28 03236 40

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3251 THRE: 3236	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PRINEVILLE, OR	AIRPORT NAME: PRINEVILLE	RNAV	RNAV (GPS) RWY 28, AMDT 1 6 FEBRUARY 2014	AMDT: ORIG-A DATED: 10/26/1006

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
MARSA INT/BPT 14.99 DME	BPT VOR/DME	293.33 / 14.99	1800
BPT VOR/DME	KAZOO/I-BPT 6.31 DME/RADAR	295.57 / 5.86	1800
HONEE INT/LFK 47.86 DME (IAF)	GIDDY INT/I-BPT 13.87 DME (NOPT)	148.49 / 22.56 (SBI R-328)	1800
GIDDY INT/I-BPT 13.87 DME (IF)	KAZOO/I-BPT 6.31 DME/RADAR	115.95 / 7.56	1700

MISSED APPROACH

ILS: DA
LOC: 5.06 MILES AFTER KAZOO/6.31 DME/RADAR OR AT I-BPT 1.26 DME FIX

CLIMB TO 3000 ON BPT VOR/DME R-113 TO MARSA INT/BPT 14.99 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 3000 ON HEADING 115.95 AND RADAR VECTORS.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 293.33 INBOUND.
CHART FAS OBST: 158 TOWER 295816N/0940322W
CHART 500 TOWER 300007N/0940538W.
CHART VDP AT 2.47 DME*;
DISTANCE VDP TO THLD 1.22 MILES.

1. PT L SIDE OF COURSE 295.95 OUTBOUND 1800% FT WITHIN 10 MILES OF KAZOO (IAF)
2.
3. FAC: 115.95 FAF: KAZOO/I-BPT 6.31 DME/RADAR DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: KAZOO 1700, COUGS/I-BPT 3.65 DME 820*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 993
6. MIN GS INCPT: 1700 GS ALT AT: KAZOO 1700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 52.0
8. MSA FROM: BPT VOR/DME 215-315 3100, 315-215 2300

MAG VAR: 5E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | LOC: @ | (SEE FORM 8260-10)

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 12	215	2400	200	215	2400	200	215	2400	200	215	2400	200	215	2400	200
S-LOC 12	820	2400	805	820	4000	805	820	1 7/8	805	820	1 7/8	805	820	1 7/8	805
CIRCLING	820	1	805	820	1 1/4	805	820	2 1/2	805	820	2 1/2	805	820	2 3/4	805
COUGS FIX MINIMUMS (DME REQUIRED)															
S-LOC 12	460	2400	445	460	2400	445	460	4500	445	460	4500	445	460	4500	445
CIRCLING	480	1	465	480	1	465	480	1 1/2	465	580	2	565	820	2 3/4	805

NOTES:
CHART PROFILE NOTE: USE I-BPT DME WHEN ON THE LOCALIZER COURSE.
% CAT E PROCEDURE TURN NA.
* LOC ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE COUNTY ALTIMETER SETTING AND (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 15 THRE: 15 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	JACK BROOKS RGNL	I-BPT	ILS OR LOC RWY 12, AMDT 23A 6 FEBRUARY 2014	AMDT: 23 DATED 12/17/2009

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NOTES, (CONT.):
INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET, INCREASE CIRCLING CAT A/D/E VISIBILITY 1/4 MILE.
COUGS FIX MINIMUMS: INCREASE S-LOC CAT C/D/E VISIBILITY TO RVR 5000 FEET, CIRCLING CAT E VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000, S-LOC 12 CAT E VISIBILITY TO 2 1/2 MILE, COUGS FIX MINIMUMS INCREASE S-LOC 12 CAT C/D/E VISIBILITY TO 1 3/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ORANGE COUNTY ALTIMETER SETTING, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000, S-LOC 12 CAT C/D/E TO 2 1/2 MILES. COUGS FIX MINIMUMS: INCREASE S-LOC 12 CAT C/D/E TO 1 3/8 MILES.
CHART NOTE: VDP NA WHEN USING ORANGE COUNTY ALTIMETER SETTING.
CHART NOTE: DME OR RADAR REQUIRED.

ALTERNATE MINIMUMS, (CONT.):
 # CAT A, B 900-2, CAT C, D 900-2 1/2, CAT E 900-2 3/4
@ CAT A, B 900-2, CAT C, D 900-2 1/2, CAT E 900-2 3/4
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: **JACK BROOKS RGNL**	**I-BPT**	**ILS OR LOC RWY 12, AMDT 23A** 6 FEBRUARY 2014	AMDT: **23**
				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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAD        BPT   K4011450VDLA N29564580W094005840    N29564580W094005840E0070000101     NARBEAUMONT
       SUSAD        DAS   K4011690VTHW N30112296W094384194    N30112296W094384194E0050000762     NARDAISETTA
       SUSAD        SBI   K4011540VDLW N29411219W094021672    N29411217W094021670E0070000101     NARSABINE PASS
       SUSAD KBPTK4 IBPT  K4011015 IT                    IBPTN29564287W094002400     000190     NARJACK BROOKS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   HONEE K40    C   L N30242196W094245999                    E0023     NAR           HONEE
       SUSAEAENRT   MARSA K40    C   L N29490973W093460593                    E0020     NAR           MARSA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4ABPT     0     067YHN29570300W094011450E005000015         1800018000C    MNAR    JACK BROOKS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4CGIDDY K40    C     N30034864W094140796                    E0022     NAR           GIDDY
       SUSAP KBPTK4CKAZOO K40    C     N29595541W094063970                    E0022     NAR           KAZOO

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4FI12   AHONEE 010HONEEK4EA0E  A    FC SBI K4      3285047414850206D   + 01800     18000                0 NS
       SUSAP KBPTK4FI12   AHONEE 020GIDDYK4PC0EE B    CF IBPTK4      2960013914850020PI  + 01800                          0 NS
       SUSAP KBPTK4FI12   AMARSA 010MARSAK4EA0E       IF                                          18000                0 NS
       SUSAP KBPTK4FI12   AMARSA 020BPT  K4D 0V       TF                                  + 01800                      0 NS
       SUSAP KBPTK4FI12   AMARSA 030KAZOOK4PC0E       TF                                  + 01800                      0 NS
       SUSAP KBPTK4FI12   AMARSA 040KAZOOK4PC0EE AR   PI DAS K4      1072030125100100D   + 01800                      0 NS
       SUSAP KBPTK4FI12   I      010GIDDYK4PC0E  I     IF IBPTK4      29600139         PI  J 018000170018000                0 NS
       SUSAP KBPTK4FI12   I      020KAZOOK4PC0E  F     CF IBPTK4      2960006311600076PI  H 0170001700        -300BPT   K4D 0 NS
       SUSAP KBPTK4FI12   I      030RW12 K4PG0GY M     CF IBPTK4      2960001311600051PI    00067             -300          0 NS
       SUSAP KBPTK4FI12   I      040MARSAK4EA0EYM      CF BPT K4      1133015011330160D   + 03000                          0 NS
       SUSAP KBPTK4FI12   I      050MARSAK4EA0EE  R    HM                       2933T010   + 03000                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4GRW12    0067501160 N29571911W094014007-0100    -0022700015000052150IIBPT1
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: **JACK BROOKS RGNL**	**I-BPT**	**ILS OR LOC RWY 12, AMDT 23A** 6 FEBRUARY 2014	AMDT: **23**
				DATED: **12/17/2009**

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPTK4IIBPT1   011015RW12 N29563990W0940025011160N29571067W0940132730951 09930520300E00505200012

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPTK4SBPT  K4D                 0   0351350312513503502325                                                          M
```

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: JACK BROOKS RGNL	I-BPT	ILS OR LOC RWY 12, AMDT 23A 6 FEBRUARY 2014	AMDT: 23 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 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
	HONEE	HONEE	010	IAF	FC		FB		148.5()	020.6	AA 01800	
	HONEE	GIDDY	020		CF		FB		148.5()	002.0	AA 01800	
	MARSA	MARSA	010		IF		FB					
	MARSA	BPT	020		TF		FB				AA 01800	
	MARSA	KAZOO	030		TF		FB				AA 01800	
	MARSA	KAZOO	040	IAF	PI	R	FB		251.0()	010.0	AA 01800	
		GIDDY	010	FACF	IF		FB				AA 01800 GI 01700	
		KAZOO	020	FAF	CF		FB		116.0()	007.6	GI 01700 GS 01700	
		RW12	030	MAP	CF		FO		116.0()	005.1	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MARSA	040		CF		FO		113.3()	016.0	AA 03000	
	MARSA	050		HM	R	FO		293.3()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BPT	N295645.80	W0940058.40	N2956.763	W09400.973
	DAS	N301122.96	W0943841.94	N3011.383	W09438.699
	SBI	N294112.19	W0940216.72	N2941.203	W09402.279
	IBPT (DME)	N295642.87	W0940024.00	N2956.715	W09400.400
	HONEE	N302421.96	W0942459.99	N3024.366	W09425.000
	MARSA	N294909.73	W0934605.93	N2949.162	W09346.099
	GIDDY	N300348.64	W0941407.96	N3003.811	W09414.133
	KAZOO	N295955.41	W0940639.70	N2959.924	W09406.662
	RW12	N295719.11	W0940140.07	N2957.319	W09401.668
	IBPT (LOC)	N295639.90	W0940025.01	N2956.665	W09400.417

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00015	52

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: **JACK BROOKS RGNL**	**I-BPT**	**ILS OR LOC RWY 12, AMDT 23A** 6 FEBRUARY 2014	AMDT: **23**
				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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - LOC

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        BPT   K4011450VDLA N29564580W094005840    N29564580W094005840E0070000101     NARBEAUMONT
       SUSAD        DAS   K4011690VTHW N30112296W094384194    N30112296W094384194E0050000762     NARDAISETTA
       SUSAD        SBI   K4011540VDLW N29411219W094021672    N29411217W094021670E0070000101     NARSABINE PASS
       SUSAD KBPTK4 IBPT  K4011015 IT                    IBPTN29564287W094002400     000190     NARJACK BROOKS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   HONEE K40    C   L N30242196W094245999                    E0023     NAR           HONEE
       SUSAEAENRT   MARSA K40    C   L N29490973W093460593                    E0020     NAR           MARSA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4ABPT     0     067YHN29570300W094011450E005000015        1800018000C    MNAR    JACK BROOKS RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4CCOUGS K40    C     N29583333W094040226                    E0021     NAR           COUGS
       SUSAP KBPTK4CGIDDY K40    C     N30034864W094140796                    E0022     NAR           GIDDY
       SUSAP KBPTK4CKAZOO K40    C     N29595541W094063970                    E0022     NAR           KAZOO

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KBPTK4FL12   AHONEE 010HONEEK4EA0E  A    FC SBI K4      3285047414850206D   + 01800     18000                0 NS
       SUSAP KBPTK4FL12   AHONEE 020GIDDYK4PC0EE B    CF IBPTK4      2960013914850020PI  + 01800                          0 NS
       SUSAP KBPTK4FL12   AMARSA 010MARSAK4EA0E       IF                                         18000                0 NS
       SUSAP KBPTK4FL12   AMARSA 020BPT  K4D 0V       TF                                 + 01800                          0 NS
       SUSAP KBPTK4FL12   AMARSA 030KAZOOK4PC0E       TF                                 + 01800                          0 NS
       SUSAP KBPTK4FL12   AMARSA 040KAZOOK4PC0EE AR   PI DAS K4      1072030125100100D   + 01800                          0 NS
       SUSAP KBPTK4FL12   L      010GIDDYK4PC0E  I     IF IBPTK4      29600139         PI  + 01800     18000                0 NS
       SUSAP KBPTK4FL12   L      020KAZOOK4PC0E  F     CF IBPTK4      2960006311600076PI  + 01700                BPT   K4D 0 NS
       SUSAP KBPTK4FL12   L      021COUGSK4PC0E S      CF IBPTK4      2960003711600027PI  + 00820          -304                0 NS
       SUSAP KBPTK4FL12   L      030RW12 K4PG0GY M     CF IBPTK4      2960001311600024PI    00067          -304                0 NS
       SUSAP KBPTK4FL12   L      040MARSAK4EA0EYM      CF BPT K4      1133015011330160D   + 03000                          0 NS
       SUSAP KBPTK4FL12   L      050MARSAK4EA0EE  R     HM                        2933T010  + 03000                          0 NS

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

CHECKED

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: **JACK BROOKS RGNL**	**I-BPT**	**ILS OR LOC RWY 12, AMDT 23A** 6 FEBRUARY 2014	AMDT: **23**
				DATED: **12/17/2009**

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```
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPTK4GRW12    0067501160 N29571911W094014007-0100    -0022700015000052150IIBPT1
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPTK4IIBPT1   011015RW12 N29563990W0940025011160N29571067W0940132730951 09930520300E00505200012
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPTK4SBPT  K4D                 0   0351350312513503502325                                                          M
```

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: JACK BROOKS RGNL	I-BPT	ILS OR LOC RWY 12, AMDT 23A 6 FEBRUARY 2014	AMDT: 23 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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HONEE	HONEE	010	IAF	FC		FB		148.5()	020.6	AA 01800	
	HONEE	GIDDY	020		CF		FB		148.5()	002.0	AA 01800	
	MARSA	MARSA	010		IF		FB					
	MARSA	BPT	020		TF		FB				AA 01800	
	MARSA	KAZOO	030		TF		FB				AA 01800	
	MARSA	KAZOO	040	IAF	PI	R	FB		251.0()	010.0	AA 01800	
		GIDDY	010	FACF	IF		FB				AA 01800	
		KAZOO	020	FAF	CF		FB		116.0()	007.6	AA 01700	
		COUGS	021	SDF	CF		FB		116.0()	002.7	AA 00820	
		RW12	030	MAP	CF		FO		116.0()	002.4	AT 00067	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MARSA	040		CF		FO		113.3()	016.0	AA 03000	
	MARSA	050		HM	R	FO		293.3()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BPT	N295645.80	W0940058.40	N2956.763	W09400.973
	DAS	N301122.96	W0943841.94	N3011.383	W09438.699
	SBI	N294112.19	W0940216.72	N2941.203	W09402.279
	IBPT (DME)	N295642.87	W0940024.00	N2956.715	W09400.400
	HONEE	N302421.96	W0942459.99	N3024.366	W09425.000
	MARSA	N294909.73	W0934605.93	N2949.162	W09346.099
	COUGS	N295833.33	W0940402.26	N2958.556	W09404.038
	GIDDY	N300348.64	W0941407.96	N3003.811	W09414.133
	KAZOO	N295955.41	W0940639.70	N2959.924	W09406.662
	RW12	N295719.11	W0940140.07	N2957.319	W09401.668
	IBPT (LOC)	N295639.90	W0940025.01	N2956.665	W09400.417

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00015	52

CITY AND STATE	ELEVATION: 15 THRE: 15	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: **JACK BROOKS RGNL**	**I-BPT**	**ILS OR LOC RWY 12, AMDT 23A** 6 FEBRUARY 2014	AMDT: **23**
				DATED: **12/17/2009**

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.
OMAK, WA	OMAK	6 FEBRUARY 2014	1

TAKEOFF MINIMUMS:

RWY 35: NA-OBSTACLES

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: USE GETNG DEPARTURE

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

HERMAN ROGERS AJV-354 10/28/2013

APPROVED BY:

LARRY STROUT AJV-354

NOV 13 2013

COORDINATED WITH:

ZSE, ATA, ALPA, APO, AOPA, NBAA, AMGR

CHANGES:

1. REMOVED RWY 17 FROM TAKEOFF MINIMUMS
2. DELETED RWY 35, NA FROM TEXTUAL DEPARTURE PROCEDURE.
3. DELETED CONTROLLING OBSTACLES.

REASONS:

1/2. CURRENT 8260.42D DOCUMENTATION REQUIREMENTS.
3. CONTROLLING OBSTACLES NOT APPLICABLE WHEN DIRECTING USE OF GRAPHIC DP.

QUALITY 1 CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30933; Amdt. No. 3568]

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: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South

MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164. SUPPLEMENTARY INFORMATION: This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

CONCLUSION

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore--(1) is not a "significant regulatory action" under Executive Order 12866;(2) is not a "significant rule " under DOT Regulatory Policies and Procedures (44 FR 11034; February 26,1979) ; and (3)does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on NOVEMBER 22, 2013.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 – Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
1/9/14	WA	Spokane	Felts Field	3/0131	11/15/13	RNAV (GPS) RWY 4L, Amdt 1
1/9/14	WI	Madison	Dane County Rgnl-Truax Field	3/1049	11/20/13	VOR RWY 18, Amdt 1A
1/9/14	WI	Madison	Dane County Rgnl-Truax Field	3/1063	11/20/13	VOR/DME OR TACAN RWY 18, Amdt 1B
1/9/14	TX	Dallas	Addison	3/1575	11/15/13	ILS OR LOC RWY 15, Amdt 11
1/9/14	TX	Dallas	Addison	3/1582	11/15/13	ILS OR LOC RWY 33, Amdt 3
1/9/14	TX	Dallas	Addison	3/1599	11/15/13	RNAV (GPS) RWY 15, Amdt 1
1/9/14	TX	Dallas	Addison	3/1617	11/15/13	RNAV (GPS) RWY 33, Amdt 1
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4020	11/15/13	ILS OR LOC RWY 6R, ILS RWY 6R (SA CAT II), Amdt 21A
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4023	11/15/13	ILS OR LOC RWY 24L, ILS RWY 24L (SA CAT II), Amdt 22A
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4029	11/15/13	ILS OR LOC/DME RWY 24R, ILS RWY 24R (SA CAT I), ILS RWY 24R (CAT II & III), Amdt 5A
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4053	11/15/13	RNAV (GPS) RWY 24R, Amdt 3A
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4058	11/15/13	LDA/DME RWY 24L, Amdt 1B
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4059	11/15/13	RNAV (GPS) RWY 24L, Amdt 3A
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4064	11/15/13	RNAV (GPS) RWY 6R, Amdt 2B
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4069	11/15/13	LDA/DME RWY 6R, Amdt 1B
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4070	11/15/13	RNAV (GPS) RWY 6L, Amdt 1B
1/9/14	OK	Hugo	Stan Stamper Muni	3/4154	11/15/13	NDB OR GPS RWY 35, Amdt 1
1/9/14	OH	Cleveland	Cleveland-Hopkins Intl	3/4237	11/15/13	ILS OR LOC RWY 6L, ILS RWY 6L (CAT II & III), Amdt 2D
1/9/14	IA	Sibley	Sibley Muni	3/4251	11/15/13	NDB OR GPS RWY 35, Amdt 1A
1/9/14	IA	Sibley	Sibley Muni	3/4252	11/15/13	NDB OR GPS RWY 17, Amdt 1B
1/9/14	CA	Crescent City	Jack Mc Namara Field	3/5300	11/15/13	ILS OR LOC/DME RWY 11, Amdt 8

1/9/14	CA	Montague	Montague/Siskiyou County	3/5899	11/20/13	Takeoff Minimums and (Obstacle) DP, Amdt 2
1/9/14	CA	Montague	Montague/Siskiyou County	3/5905	11/20/13	NDB OR GPS-A, Amdt 7
1/9/14	IN	Kentland	Kentland Muni	3/6824	11/15/13	VOR/DME RNAV OR GPS RWY 27, Orig
1/9/14	CA	Hawthorne	Jack Northrop Field/Hawthorne Muni	3/8749	11/15/13	RNAV (GPS) RWY 25, Orig
1/9/14	CA	Hawthorne	Jack Northrop Field/Hawthorne Muni	3/8750	11/15/13	LOC RWY 25, Amdt 11A
1/9/14	CA	San Bernadino	San Bernadino Intl	3/8757	11/15/13	NDB RWY 6, Amdt 1
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8758	11/15/13	RNAV (GPS) Y RWY 24L, Amdt 2
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8759	11/15/13	RNAV (GPS) Y 25L, Amdt 3
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8762	11/15/13	ILS OR LOC RWY 25R, Amdt 17A
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8764	11/15/13	RNAV (RNP) Z RWY 24L, Amdt 1A
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8768	11/15/13	RNAV (GPS) Y RWY 24R, Amdt 1
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8775	11/15/13	RNAV (RNP) Z RWY 24R, Orig-A
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8779	11/15/13	RNAV (GPS) RWY 25R, Amdt 2
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8785	11/15/13	RNAV (RNP) Z RWY 25L, Amdt 1
1/9/14	CA	Los Angeles	Los Angeles Intl	3/8789	11/15/13	ILS OR LOC RWY 24L, Amdt 26

AIRAC Date: 9 JANUARY 2014

FDC 3/0131 SFF FI/P IAP FELTS FIELD, SPOKANE, WA. RNAV (GPS) RWY 4L, AMDT 1... CHANGE REFERENCE PATH IDENTIFIER TO W04A. THIS IS RNAV (GPS) RWY 4L, AMDT 1A.

FDC 3/1049 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR RWY 18, AMDT 1A... S-18 HATH 761 ALL CATS. HERRS FIX MINIMUMS: S-18 MDA 1360/HATH 501 ALL CATS, VISIBILITY CAT C/D RVR 5500. CIRCLING MDA 1520/HAA 633 CATS A/B/C/D, VISIBILITY CAT C 1 3/4. CHART NOTE: FOR INOPERATIVE MALSR INCREASE S-18 CAT C/D VISIBILITY TO 2 1/2 MILE. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT D 800-2 1/4. CHART THRE 859. THIS IS VOR RWY 18, AMDT 1B. 1311181930-PERM

FDC 3/1063 MSN IAP DANE COUNTY RGNL-TRUAX FIELD, MADISON, WI. VOR/DME OR TACAN RWY 18, AMDT 1B... S-18 MDA 1360/HATH 501 ALL CATS. VIS CATS C/D/E RVR 5500. CIRCLING CAT E MDA 1700/HAA 813, VIS 3. CHART THRE 859. CHANGE INOPERATIVE TABLE NOTE TO READ: FOR INOPERATIVE MALSR INCREASE S-18 CAT C/D/E VISIBILITY TO 1 3/8. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT E 900-3. THIS IS VOR/DME OR TACAN RWY 18, AMDT 1C. 1311181930-PERM

FDC 3/1575 ADS IAP ADDISON, DALLAS, TX. ILS OR LOC RWY 15, AMDT 11... DELETE NOTE: WHEN CONTROL TOWER CLOSED, OBTAIN LOCAL ALTIMETER SETTING ON UNICOM; WHEN NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND MDAS 40 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND ALL MDA 40 FEET, INCREASE CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DALLAS-LOVE FIELD ALTIMETER SETTING INCREASE S-LOC CAT C VISIBILITY TO 1 1/4 AND CAT D VISIBILITY TO 1 1/2. THIS IS ILS OR LOC RWY 15, AMDT 11A. 1310251900-PERM

FDC 3/1582 ADS IAP ADDISON, DALLAS, TX. ILS OR LOC RWY 33, AMDT 3... DELETE NOTE: WHEN CONTROL TOWER CLOSED, OBTAIN LOCAL ALTIMETER SETTING ON UNICOM; WHEN NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND MDAS 40 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND ALL MDA 40 FEET, INCREASE S-LOC 33 AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 33, AMDT 3A. 1310251900-PERM

FDC 3/1599 ADS IAP ADDISON, DALLAS, TX. RNAV (GPS) RWY 15, AMDT 1... DELETE NOTE: WHEN CONTROL TOWER CLOSED, OBTAIN LOCAL ALTIMETER SETTING ON UNICOM; WHEN NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND MDAS 40 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 39 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE INOPERATIVE TABLE DOES NOT APPLY NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CATS A/B. THIS IS RNAV (GPS) RWY 15, AMDT 1A. 1310251900-PERM

FDC 3/1617 ADS IAP ADDISON, DALLAS, TX. RNAV (GPS) RWY 33, AMDT 1... DELETE NOTE: WHEN CONTROL TOWER CLOSED, OBTAIN LOCAL ALTIMETER SETTING ON UNICOM; WHEN NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND LNAV VISIBILITY CATS C AND D 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS-LOVE FIELD ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE LNAV CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 33, AMDT 1A. 1310251900-PERM

FDC 3/4020 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 6R, AMDT 21A... ILS RWY 6R (SA CAT II) AMDT 21A... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 6L. DELETE SA CAT II NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L. THIS IS ILS OR LOC RWY 6R, AMDT 21B, ILS RWY 6R (SA CAT II) AMDT 21B.. 1310311345-PERM

FDC 3/4023 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 24L, AMDT 22A... ILS RWY 24L (SA CAT II) AMDT 22A... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC/DME RWY 24R. DELETE SA CAT II NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24R. THIS IS ILS OR LOC RWY 24L, AMDT 22B, ILS RWY 24L (SA CAT II) AMDT 22B.. 1310311345-PERM

FDC 3/4029 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC/DME RWY 24R, AMDT 5A... ILS RWY 24R (SA CAT I) AMDT 5A... ILS RWY 24R (CAT II & III) AMDT 5A... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 24L. DELETE SA CAT I NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24L. DELETE CAT II & III NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24L. THIS IS ILS OR LOC/DME RWY 24R, AMDT 5B, ILS RWY 24R (SA CAT I) AMDT 5B, ILS RWY 24R (CAT II & III) AMDT 5B.. 1310311345-PERM

FDC 3/4053 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. RNAV (GPS) RWY 24R, AMDT 3A... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24L. DELETE NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. DELETE NOTE: USE FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. THIS IS RNAV (GPS) RWY 24R, AMDT 3B.. 1310311345-PERM

FDC 3/4058 IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. LDA/DME RWY 24L, AMDT 1B... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24R. THIS IS LDA/DME RWY 24L, AMDT 1C.. 1310311345-PERM

FDC 3/4059 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. RNAV (GPS) RWY 24L, AMDT 3A... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24R. DELETE NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. DELETE NOTE: USE FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. THIS IS RNAV (GPS) RWY 24L, AMDT 3B.. 1310311345-PERM

FDC 3/4064 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. RNAV (GPS) RWY 6R, AMDT 2B... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L. DELETE NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. DELETE NOTE: USE FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. THIS IS RNAV (GPS) RWY 6R, AMDT 2C.. 1310311345-PERM

FDC 3/4069 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. LDA/DME RWY 6R, AMDT 1B... DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS LDA/DME RWY 6R, AMDT 1C.. 1310311345-PERM

FDC 3/4070 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. RNAV (GPS) RWY 6L, AMDT 1B... CIRCLING CAT A/B VSIBILITY 1. DELETE NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6R. DELETE NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. DELETE NOTE: USE FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. THIS IS RNAV (GPS) RWY 6L, AMDT 1C.. 1310311345-PERM

FDC 3/4154 HHW IAP STAN STAMPER MUNI, HUGO, OK. NDB OR GPS RWY 35 AMDT 1... MSA FROM HHW NDB 2600. THIS IS NDB OR GPS RWY 35 AMDT 1A. 1310311500-PERM

FDC 3/4237 CLE IAP CLEVELAND-HOPKINS INTL, CLEVELAND, OH. ILS OR LOC RWY 6L, AMDT 2D... ILS RWY 6L (CAT II & III) AMDT 2D... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS OR LOC RWY 6R. DELETE CAT II & III NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6R. THIS IS ILS OR LOC RWY 6L, AMDT 2E. 1310311630-PERM

FDC 3/4251 ISB IAP SIBLEY MUNI, SIBLEY, IA. NDB OR GPS RWY 35, AMDT 1A... CHART AIRPORT ELEV 1538, TDZE 1538. CHART WORTHINGTON, MN AWOS-3. THIS IS NDB OR GPS RWY 35, AMDT 1B. 1310311605-PERM

FDC 3/4252 ISB IAP SIBLEY MUNI, SIBLEY, IA. NDB OR GPS RWY 17, AMDT 1B... S-17 MDA 2280/HAT 742 ALL CATS, VIS CAT C 2. CIRCLING MDA 2280/HAA 742 ALL CATS. VIS CAT C 2 1/4. CHART AIRPORT ELEV 1538, TDZE 1538. CHART WORTHINGTON, MN AWOS-3. THIS IS NDB OR GPS RWY 17, AMDT 1C. 1310311700-PERM

FDC 3/5300 CEC IAP JACK MC NAMARA FIELD, CRESCENT CITY, CA. ILS OR LOC/DME RWY 11, AMDT 8... CHART NOTE: S-ILS 11: 1/2 MILE VISIBILITY AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHANGE NOTE INOPERATIVE TABLE DOES NOT APPLY TO CAT D TO READ INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 11, EXCEPT WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: FOR INOPERATIVE MALSR INCREASE S-LOC 11 ALL CATS VISIBILITY 1/4 MILE. THIS IS ILS OR LOC/DME RWY 11, AMDT 8A. 1311041330-PERM

FDC 3/5899 SIY ODP MONTAGUE/SISKIYOU COUNTY, MONTAGUE, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2... CHANGE RWY 17 DEPARTURE PROCEDURE TO READ: CLIMB DIRECT MOG NDB. CONTINUE CLIMB TO 10000 IN MOG HOLDING PATTERN (HOLD N, RT, 176.00 INBOUND). CHANGE RWY 35 DEPARTURE PROCEDURE TO READ: CLIMB TO 7000 VIA RUNWAY HEADING AND 356 BEARING FROM MOG NDB, THEN CLIMBING RIGHT TURN TO 10000 DIRECT MOG NDB. ALL AIRCRAFT DEPART MOG NDB AT OR ABOVE MEA FOR ROUTE OF FLIGHT. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A. 1310111800-PERM

FDC 3/5905 SIY IAP MONTAGUE/SISKIYOU COUNTY, MONTAGUE, CA. NDB OR GPS-A, AMDT 7... ADD 4 DEGREES TO ALL BEARINGS FROM AND TOWARDS MOG NDB. THIS IS NDB OR GPS-A, AMDT 7A. 1310111830-PERM

FDC 3/6824 50I IAP KENTLAND MUNI, KENTLAND, IN. VOR/DME RNAV OR GPS RWY 27, ORIG... ADD 2600 FT MSA WITHIN 25 NM OF RW27. DELETE NOTE: ACTIVATE MIRL RWY 9-27-CTAF. THIS IS VOR/DME RNAV OR GPS RWY 27, ORIG-A. 1311061845-PERM

FDC 3/8749 HHR IAP JACK NORTHROP FIELD/HAWTHORNE MUNI, HAWTHORNE, CA. RNAV (GPS) RWY 25, ORIG... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L//R 24L/R. CHART NOTE: LNAV AND LNAV/VNAV ONLY APPROACH NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KLAX RWYS. THIS IS RNAV (GPS) RWY 25, ORIG-A. 1311131300-PERM

FDC 3/8750 HHR IAP JACK NORTHROP FIELD/HAWTHORNE MUNI, HAWTHORNE, CA. LOC RWY 25, AMDT 11A... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R 24L/R. CHART IN PLANVIEW: KLAX RWYS. THIS IS LOC RWY 25, AMDT 11B. 1311131300-PERM

FDC 3/8757 SBD IAP SAN BERNADINO INTL, SAN BERNADINO, CA. NDB RWY 6 AMDT 1... ADD (NOPT) TO TERMINAL ROUTE PDZ VORTAC (IAF) TO SUDOC INT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 6 AMDT 1A. 1310181937-PERM

FDC 3/8758 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (GPS) Y RWY 24L, AMDT 2... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: LNAV ONLY APPROACH NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (GPS) Y RWY 24L, AMDT 2A. 1311131300-PERM

FDC 3/8759 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (GPS) Y RWY 25L, AMDT 3... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 24L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: LNAV ONLY APPROACH NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (GPS) Y RWY 25L, AMDT 3A. 1311131300-PERM

FDC 3/8762 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 25R, AMDT 17A... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 24L/R. SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3700 OR 5000. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART IN PLANVIEW: KHHR RWYS. THIS IS ILS OR LOC RWY 25R, AMDT 17B. 1311131300-PERM

FDC 3/8764 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 24L, AMDT 1A... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (RNP) Z RWY 24L, AMDT 1B. 1311131300-PERM

FDC 3/8768 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (GPS) Y RWY 24R, AMDT 1... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: LNAV ONLY APPROACH NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KHHR RWYS. DELETE: WAAS VNAV NA SYMBOL. THIS IS RNAV (GPS) Y RWY 24R, AMDT 1A. 1311131300-PERM

FDC 3/8775 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 24R, ORIG-A... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (RNP) Z RWY 24R, ORIG-B. 1311131300-PERM

FDC 3/8779 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (GPS) RWY 25R, AMDT 2... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 24L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: LNAV ONLY APPROACH NA DURING SIMULTANEOUS OPERATIONS. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (GPS) RWY 25R, AMDT 2A. 1311131300-PERM

FDC 3/8785 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. RNAV (RNP) Z RWY 25L, AMDT 1... CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 24L/R. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART IN PLANVIEW: KHHR RWYS. THIS IS RNAV (RNP) Z RWY 25L, AMDT 1A. 1311131300-PERM

FDC 3/8789 LAX IAP LOS ANGELES INTL, LOS ANGELES, CA. ILS OR LOC RWY 24L, AMDT 26... CHANGE NOTE TO READ: SIMULTANEOUS APPROACH AUTHORIZED WITH LAX 25L/R. SIMULTANEOUS APPROACH AUTHORIZED WITH HHR 25. DELETE PROFILE NOTE: WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000. DELETE NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. CHART IN PLANVIEW: KHHR RWYS. THIS IS ILS OR LOC RWY 24L, AMDT 26A. 1311131300-PERM