

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 09-08

MARCH 6, 2009

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, ATO-R
(AVAILABLE ON THE WEB AT [HTTP://NFDC.FAA.GOV](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. 30656 Amdt. No. 3312]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

1. FAA Rules Docket, FAA Headquarters Building,
800 Independence Avenue, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which the
affected airport is located;
3. The National Flight Procedures Office, 6500 South
MacArthur Blvd., Oklahoma City, OK 73169 or,
4. The National Archives and Records Administration
(NARA). For information on the availability of this material at
NARA, call 202-741-6030, or go to:
http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

1. FAA Public Inquiry Center (APA-200), FAA Headquarters
Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the
affected airport is located.

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight
Procedure Standards Branch (AFS-420), Flight Technologies and
Programs Divisions, Flight Standards Service, Federal Aviation

Administration, Mike Monroney Aeronautical Center, 6500 South
MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O.
Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

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

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

THE RULE

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

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

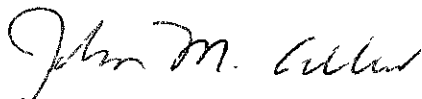
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 6, 2009



John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 09 April 2009

Greenville, MS, Mid Delta Regional, GPS RWY 36L, Orig, CANCELLED
Greenville, MS, Mid Delta Regional, RNAV (GPS) RWY 36L, Orig
Erwin, NC, Harnett Rgnl Jetport, LOC/DME RWY 5, Orig

Effective 07 MAY 2009

Ketchikan, AK, Ketchikan Intl, KETCHIKAN FIVE Graphic Obstacle DP
Ketchikan, AK, Ketchikan Intl, SKOWL ONE Graphic Obstacle DP
Ketchikan, AK, Ketchikan Intl, Takeoff Minimums and Obstacle DP, Amdt 8
Mobile, AL, Mobile Downtown, RNAV (GPS) RWY 14, Amdt 1
Mobile, AL, Mobile Downtown, RNAV (GPS) RWY 18, Amdt 1
Mobile, AL, Mobile Downtown, RNAV (GPS) RWY 36, Amdt 1
Mobile, AL, Mobile Downtown, Takeoff Minimums and Obstacle DP, Amdt 1
Warren, AR, Warren Muni, RNAV (GPS) RWY 3, Orig-A
Warren, AR, Warren Muni, RNAV (GPS) RWY 21, Orig-A
Monterey, CA, Monterey Peninsula, GPS RWY 28L, Amdt 1B, CANCELLED
Monterey, CA, Monterey Peninsula, RNAV (GPS) Y RWY 28L, Orig
Monterey, CA, Monterey Peninsula, RNAV (RNP) Z RWY 28L, Orig
Riverside, CA, Riverside Muni, VOR-B, Orig-A
San Bernardino, CA, San Bernardino International, NDB RWY 6, Amdt 1
San Bernardino, CA, San Bernardino International, RNAV (GPS) Y RWY 6, Orig
San Bernardino, CA, San Bernardino International, RNAV (GPS) Z RWY 6, Orig
Montrose, CO, Montrose Rgnl, MONTROSE ONE Graphic Obstacle DP
Leesburg, FL, Leesburg Intl, RNAV (GPS) RWY 13, Amdt 1
Valdosta, GA, Valdosta Rgnl, RNAV (GPS) RWY 35, Orig
Charles City, IA, Northeast Iowa Rgnl, LOC RWY 12, Orig-F
Sioux City, IA, Sioux Gateway/Col Bud Day Field, Takeoff Minimums and Obstacle DP, Amdt 3
McCall, ID, Mc Call Muni, MCCALL ONE Graphic Obstacle DP
Pocatello, ID, Pocatello Rgnl, RNAV (GPS) RWY 21, Amdt 1
Twin Falls, ID, Joslin Field-Magic Valley Rgnl, NDB RWY 25, Amdt 6
Twin Falls, ID, Joslin Field-Magic Valley Rgnl, RNAV (GPS) RWY 7, Orig
Twin Falls, ID, Joslin Field-Magic Valley Rgnl, RNAV (GPS) RWY 25, Orig
Twin Falls, ID, Joslin Field-Magic Valley Rgnl, VOR RWY 7, Amdt 4
Chicago, IL, Chicago-O'Hare Intl, LOC RWY 4L, Amdt 21
Norwood, MA, Norwood Memorial, LOC RWY 35, Amdt 10A
Detroit/Grosse Ile, MI, Grosse Ile Muni, NDB RWY 4, Amdt 2
Detroit/Grosse Ile, MI, Grosse Ile Muni, RNAV (GPS) RWY 4, Orig
Detroit/Grosse Ile, MI, Grosse Ile Muni, RNAV (GPS) RWY 22, Amdt 1
Detroit/Grosse Ile, MI, Grosse Ile Muni, VOR-A, Amdt 7

Bemidji, MN, Bemidji Rgnl, RNAV (GPS) RWY 13, Orig
Bemidji, MN, Bemidji Rgnl, RNAV (GPS) RWY 31, Amdt 1
Bemidji, MN, Bemidji Rgnl, VOR/DME OR TACAN RWY 31, Amdt 12B,
CANCELLED
Bemidji, MN, Bemidji Rgnl, VOR OR GPS RWY 13, Amdt 16B, CANCELLED
Ord, NE, Evelyn Sharp Field, NDB RWY 13, Amdt 5
Reno, NV, Reno/Tahoe Intl, RNAV (RNP) Z RWY 16L, Orig-A
Reno, NV, Reno/Tahoe Intl, RNAV (RNP) Z RWY 16R, Orig-A
Gainesville, TX, Gainesville Muni, RNAV (GPS) RWY 17, Amdt 1
Gainesville, TX, Gainesville Muni, Takeoff Minimums and Obstacle DP, Orig

CORRECTION: On February 24, 2009 (74 FR 8180), The FAA published several Amendments in Docket No. 30649, Amdt No. 3306 to Part 97 of the Federal Aviation Regulations under sections 97.23 and 97.29. The following entries are hereby corrected to be effective for April 9, 2009:

Parkersburg, WV, Mid-Ohio Valley Regional, RNAV (GPS) RWY 3, Amdt 1
Parkersburg, WV, Mid-Ohio Valley Regional, RNAV (GPS) RWY 21, Amdt 1
Parkersburg, WV, Mid-Ohio Valley Regional, RNAV (GPS) Y RWY 3, Orig, CANCELLED
Parkersburg, WV, Mid-Ohio Valley Regional, RNAV (GPS) Y RWY 21, Orig, CANCELLED
Parkersburg, WV, Mid-Ohio Valley Regional, Takeoff Minimums and Obstacle DP, Amdt 2
Parkersburg, WV, Mid-Ohio Valley Regional, VOR RWY 21, Amdt 17

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

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

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:	STANDARD	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 09 APR 2009

CITY AND STATE GREENVILLE, MS	ELEVATION: 131 TDZE: 130 AIRPORT NAME: MID DELTA REGIONAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 36L, ORIG, 01/01/1998	SUP AMDT NONE DATE
---	--	------------------------------------	--	---------------------------------

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HOBDO (IAF)	KEVNE (NOPT) (FB)	086.93 / 5.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW36L CLIMB TO 2000 DIRECT EZOMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.99 INBOUND. CHART FAS OBST: 237 TREE 332751N/0905020W DISTANCE TO THLD FROM 337 HAT: 0.93 NM. CHART VDP AT 1.16 MILES TO RW36L* *LNAV ONLY. WAAS CHANNEL # 77611 REFERENCE PATH ID: W36A
JUDIM (IAF)	KEVNE (NOPT) (FB)	267.04 / 5.00	2000	
KEVNE (IF/IAF)	IMOYO (FB)	356.99 / 6.07	1800	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S KEVNE, RT, 356.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 356.99 FAF: IMOYO DIST FAF TO MAP: 5.05 THLD: 5.05
- MIN. ALT: KEVNE 2000, IMOYO 1800, ZASEL/3.10 NM TO RW36L 1160*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1800 GS ALT AT: IMOYO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	467	1 1/4	337	467	1 1/4	337	467	1 1/4	337	467	1 1/4	337			
LNAV/VNAV DA	512	1 1/4	382	512	1 1/4	382	512	1 1/4	382	512	1 1/4	382			
LNAV MDA	540	1	410	540	1	410	540	1 1/4	410	540	1 1/4	410			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*LNAV ONLY

SEE 8260-10

CITY AND STATE GREENVILLE, MS	ELEVATION: 131 TDZE: 130 AIRPORT NAME: MID DELTA REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36L, ORIG 09 APR 2009	SUP: AMDT: NONE DATED
---	--	-------------------------------------	---	------------------------------------

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE LPV DA TO 576, INCREASE LNAV/VNAV DA TO 621, INCREASE ALL MDA 120 FEET, INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/2 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GREENWOOD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	267/30 CW 087/30 (NOPT)	KEYNE (IF/IAF) (FB)	2000
2.	087/30 CW 177/30	HOBDO (IAF) (FB)	2000
3.	177/30 CW 267/30	177/10 CW 267/10	3200
	177/10 CW 267/10	JUDIM (IAF) (FB)	2000

CITY AND STATE

GREENVILLE, MS

ELEVATION: 131 TDZE: 130

AIRPORT NAME:

MID DELTA REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36L, ORIG

09 APR 2009

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED
1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KGLH
RUNWAY RW36L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 332829.5900N
LTP/FTP LONGITUDE 0905913.9800W
LTP/FTP ELLIPSOIDAL HEIGHT +00129
FPAP LATITUDE 332958.8600N
FPAP LONGITUDE 0905914.0000W
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 0608
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

36ECC47C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00396
FPAP ORTHOMETRIC HEIGHT +00396

CITY AND STATE

GREENVILLE, MS

ELEVATION: 131 TDZE: 130

AIRPORT NAME:

MID DELTA REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36L, ORIG

09 APR 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	1

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

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

SUSAP KGLHK7PR36L RW36L001 0000W36A0N3328295900W09059139800+001290300N3329588600W09059140000106750608000400P40050036BCC47CG
SUSAP KGLHK7PR36L RW36L002E +00396+00396LPV 77611 000 G

CITY AND STATE

GREENVILLE, MS

ELEVATION: 131 TDZE: 130

AIRPORT NAME:

MID DELTA REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36L, ORIG

09 APR 2009

SUP:

AMDT: NONE

DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOBDO	HOBDO	010	IAF	IF		FB				
	HOBDO	KEVNE	020		TF		FB	1.0	086.9 (090T)	005.0	02000
	JUDIM	JUDIM	010	IAF	IF		FB				
	JUDIM	KEVNE	020		TF		FB	1.0	267.0 (270T)	005.0	02000
	KEVNE	KEVNE	010		HF	R	FB		357.0 (360T)	004.0	02000
		KEVNE	010	FACF	IF		FB				02000
		IMOYO	020	PAF	TF		FB	0.5	357.0 (360T)	006.1	01800
		ZASEL	021	SDF	TF		FB	0.3	357.0 (360T)	002.0	0116001166
		RW36L	030	MAP	TF		FO	0.3	357.0 (360T)	003.1	00170

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EZOMY	040		DF		FO	1.0			02000
	EZOMY	050		HM	R	FO	2.0	177.0 (180T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EZOMY	N334047.46	W0905914.14	N3340.791	W09059.236
	HOBDO	N331720.93	W0910511.73	N3317.349	W09105.196
	IMOYO	N332326.16	W0905913.92	N3323.436	W09059.232
	JUDIM	N331721.04	W0905315.95	N3317.351	W09053.266
	KEVNE	N331721.13	W0905913.84	N3317.352	W09059.231
	ZASEL	N332523.24	W0905913.94	N3325.387	W09059.232
	RW36L	N332829.59	W0905913.98	N3328.493	W09059.233

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36L	00130	40

CITY AND STATE
GREENVILLE, MS

ELEVATION: 131 TDZE: 130
 AIRPORT NAME:
MID DELTA REGIONAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36L, ORIG
09 APR 2009

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - 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.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: I-HRJ 0.93 DME FIX											
RDU VORTAC	IRWOX INT/I-HRJ 12.14 DME	191.35 / 38.73	3100	CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 290.00 AND RDU R-189 TO LANHO INT/RDU 21.16 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 270.00 AND FAY VOR/DME R-009 TO DENIL/FAY 21.00 DME AND HOLD N, RT, 188.81 INBOUND.											
FAY VOR/DME (IAF)	IRWOX INT/I-HRJ 12.14 DME (NOPT)	002.27 / 14.73	2500												
IRWOX INT/I-HRJ 12.14 DME (IF/IAF)	IJADE/I-HRJ 6.12 DME	047.95 / 6.02 (I-HRJ)	1900												
					ADDITIONAL FLIGHT DATA: HOLD S, RT, 008.86 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N DENIL/FAY 21.00 DME, RT, 188.81 INBOUND. CHART FAS OBST: 252 TREE 352231N/0784420W 449 AAO 351836N/0784852W CHART IN PLANVIEW: DENIL/FAY 21.00 DME. CHART RDU 38.73 DME AT IRWOX IJADE TO RW05: 3.04/35 CHART R-5311 A, B, C CHART FAY 14.73 DME AT IRWOX										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW IRWOX, RT, 047.95 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC <u>047.95</u> FAF <u>IJADE/I-HRJ 6.12 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.19</u> 4. MIN. ALT <u>IRWOX 2500, IJADE 1900</u> 8. MSA FROM: <u>HQT NDB 3400</u>															
MINIMUMS															
TAKEOFF:	STANDARD	X	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-5	520	1	325	520	1	325	520	1	325		NA				
CIRCLING	600	1	398	660	1	458	720	1 1/2	518		NA				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SMITHFIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.															
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 202		TDZE: 195		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP			
ERWIN, NC		AIRPORT NAME:		HARNETT RGNL JETPORT		I-HRJ		LOC/DME RWY 5, ORIG				AMDT NONE			
								09 APR 2009				DATE			

GRAPHIC DEPARTURE PROCEDURE (DP)



OBSTACLE



SID



RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

RWY 11 -CLIMB HEADING 114.59 TO 1200, THEN CLIMBING RIGHT TURN TO 5000 VIA HEADING 180 TO INTERCEPT ANN R-327 TO ANN VOR/DME BEFORE PROCEEDING ON COURSE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

RWY 29, NA - ATC.

RWY 11, 300-1 WITH MINIMUM CLIMB OF 340 FEET PER NM TO 3400.

(4) Takeoff Obstacle Notes: NOTE: RWY 11, MULTIPLE TREES BEGINNING 678' FROM DER, 13' RIGHT OF CENTERLINE, UP TO 148' AGL/344' MSL. MULTIPLE TREES AND OBST LIGHT ON TOWER BEGINNING 691' FROM DER, 210' LEFT OF CENTERLINE, UP TO 148' AGL/547' MSL.

(5) Controlling Obstacles: RWY 11: 344 MSL TREE 552021.03N/1314137.24W, 1006 MSL AAO 551740.61N/1313842.52W, 1574 MSL AAO 551526.39N/1313444.85W.

(6) Fixes and/or NAVAID'S :

(7) DP Name KETCHIKAN	(8) Number FIVE	(9) DP Computer Code CETK5.ANN	(10) Superseded Number FOUR	(11) Dated 9/25/08	(12) Effective Date 07 MAY 2009
---------------------------------	---------------------------	--	---------------------------------------	------------------------------	---

GRAPHIC DEPARTURE PROCEDURE (DP)



OBSTACLE



SID



RNAV

1. Bearings, heading, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

RWY 29 - CLIMB TO ASSIGNED ALTITUDE VIA I-ECH LOCALIZER NW COURSE (295 DEGREES) TO INTERCEPT/JOIN ANN VOR/DME R-309/V317 TO DOOZI/40.00 DME BEFORE PROCEEDING ON COURSE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

TAKEOFF MINIMUMS:

RWY 11, NA - ATC.

RWY 29, 400-1 1/4 WITH MINIMUM CLIMB OF 380 FEET PER NM TO 5300.

NOTE: DME REQUIRED.

(4) Takeoff Obstacle Notes: RWY 29, SHIPS BEGINNING 1933' FROM DER, 1004' RIGHT OF CENTERLINE, UP TO 150' AGL/150' MSL. MULTIPLE TREES BEGINNING 206' FROM DER, 513' LEFT OF CENTERLINE, UP TO 148' AGL/410' MSL.

(5) Controlling Obstacles: RWY 29: 410 MSL TREE 552210.65N/1314455.45W, 804 MSL AAO 552303.42N/1314710.49W, 3344 MSL AAO 553508.80N/1320737.50W.

(6) Fixes and/or NAVAID'S :

(7) DP Name

SKOWL

(8) Number

ONE

(9) DP Computer Code

SKOWL1.DOOZI

(10) Superseded Number

NONE

(11) Dated

(12) Effective Date

07 MAY 2009

QUALITY
9
CHECKED

(13) Airports Served					
Airport Name KETCHIKAN INTL			City/State KETCHIKAN / AK		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
(14) Lost Communications Procedures: ZAN, ARTCC/DEP CON, ATIS CTAF, UNICOM					
(15) Communications:					
(16) Additional Flight Data:					
(17) Continuation:					
(7) DP Name SKOWL		(8) Number ONE	(9) DP Computer Code SKOWL1.DOOZI	(10) Superseded Number NONE	(11) Dated
					(12) Effective Date 07 MAY 2009

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 11 - USE KETCHIKAN DEPARTURE
RWY 29 - USE SKOWL DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

KETCHIKAN, AK

(6) Airport

KETCHIKAN INTL

(7) Effective Date

07 MAY 2009

(8) Amdt. No.

8

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NOTNE (IF/IAF)	HUTIP (FB)	139.67 / 7.46	1500	LPV: DA LNAV/VNAV: DA LNAV: RW14 CLIMB TO 1700 DIRECT ROKGO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 319.83 INBOUND. CHART FAS OBST: 139 TREE 303902N/0880614W CHART FAS OBST: 119 SIGN 303813N/0880518W 359 AAO 304141N/0880810W DISTANCE TO THLD FROM 317 HAT: 0.84 NM. CHART VDP AT 0.96 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 50411 REFERENCE PATH ID: W14A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW NOTNE, LT, 139.67 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 139.72 FAF: HUTIP DIST FAF TO MAP: 4.42 THLD: 4.42
- MIN. ALT: NOTNE 2000, HUTIP 1500, JASEB/1.60 NM TO RW14 580*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1500 GS ALT AT: HUTIP OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
- MSA FROM: RW14 3100

MAG VAR: 1W EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	343	1	317	343	1	317	343	1	317	343	1	317			
LNAV/VNAV DA	396	1 1/4	370	396	1 1/4	370	396	1 1/4	370	396	1 1/4	370			
LNAV MDA	400	1	374	400	1	374	400	1	374	400	1 1/4	374			
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	680	2	654			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG DATED 04/13/2006
----------------------------------	--	------------------------------	--	--

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.***LNAV ONLY**

CHART NOTE: BARO VNAV AND VDP NA WHEN USING MOBILE REGIONAL ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOBILE REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 50 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CITY AND STATE

MOBILE, AL

ELEVATION: 26 TDZE: 26

AIRPORT NAME:

MOBILE DOWNTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG

DATED: 04/13/2006

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KBFM
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W14A
REFERENCE PATH IDENTIFIER (APPROACH ID) 303759.0830N
LTP/FTP LATITUDE 0880447.7830W
LTP/FTP LONGITUDE -00205
LTP/FTP ELLIPSOIDAL HEIGHT 303647.5100N
FPAP LATITUDE 0880335.2100W
FPAP LONGITUDE 00050.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0000
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

AE63CF45

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00080
FPAP ORTHOMETRIC HEIGHT +00080

CITY AND STATE

MOBILE, AL

ELEVATION: 26 TDZE: 26

AIRPORT NAME:

MOBILE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG

DATED: 04/13/2006

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBFMK7FR14	ANOTNE	010NOTNEK7EA0EE	CL	HF		13970040	+	02000	18000			A	JS
SUSAP KBFMK7FR14	R	010NOTNEK7EA0E	I	IF					18000			A	JS
SUSAP KBFMK7FR14	R	020HUTIPK7EA1E	F	051TF		13970075	+	01500			RW14	K7PGA	JS
SUSAP KBFMK7FR14	R	020HUTIPK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KBFMK7FR14	R	021JASEBK7EA0E	S	031TF		13970028	V	0058000588		-300		A	JS
SUSAP KBFMK7FR14	R	030RW14	K7PGOGY	M	031TF	13970016		00076		-300		A	JS
SUSAP KBFMK7FR14	R	040ROKGO7EA0EYM		010DF			+	01700				A	JS
SUSAP KBFMK7FR14	R	050ROKGO7EA0EE		HR020HM		31980040	+	01700				A	JS

[illegible][illegible][illegible]

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG
				DATED: 04/13/2006

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

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

SUSAP KBPMK7SRW14 K7PG

0 18018003125

M

CITY AND STATE

MOBILE, AL

ELEVATION: 26 TDZE: 26

AIRPORT NAME:

MOBILE DOWNTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG

DATED: 04/13/2006

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NOTNE	NOTNE	010		HF	L	FB		139.7 (139T)	004.0	02000
		NOTNE	010	FACF	IF		FB				
		HUTIP	020	FAP	TF		FB	0.5	139.7 (139T)	007.5	01500
		JASEB	021	SDF	TF		FB	0.3	139.7 (139T)	002.8	0058000588
		RW14	030	MAP	TF		FO	0.3	139.7 (139T)	001.6	00076

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ROKGO	040		DF		FO	1.0			01700
	ROKGO	050		HM	R	FO	2.0	319.8 (319T)	004.0	01700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUTIP	N304118.75	W0880810.44	N3041.313	W08808.174
	JASEB	N303911.42	W0880601.16	N3039.190	W08806.019
	NOTNE	N304655.78	W0881353.22	N3046.930	W08813.887
	ROKGO	N302823.85	W0875505.71	N3028.398	W08755.095
	RW14	N303759.08	W0880447.78	N3037.985	W08804.796

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00026	50

CITY AND STATE
MOBILE, AL

ELEVATION: 26 TDZE: 26
 AIRPORT NAME:
 MOBILE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 14, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG
 DATED: 04/13/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
BFM VORTAC	OTMEE (FO)	358.64 / 13.21	2000	LPV: DA LNAV/VNAV: DA LNAV: RW18	
SJI VORTAC	OTMEE (FO)	067.97 / 16.46	2000	CLIMB TO 2000 DIRECT POCIP AND HOLD.	
STETS (IAF)	OTMEE (NOPT) (FB)	240.97 / 19.51	2000		
OTMEE (IF/IAF)	JUTIB (FB)	180.97 / 6.11	1800		
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD N OTMEE, RT, 180.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 180.97 FAF: JUTIB DIST FAF TO MAP: 5.34 THLD: 5.34 4. MIN. ALT: OTMEE 2000, JUTIB 1800, SOYTO/2.80 NM TO RW18 960° 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 1800 GS ALT AT: JUTIB OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW18 3100				ADDITIONAL FLIGHT DATA: HOLD S, RT, 000.97 INBOUND. CHART FAS OBST: 179 TOWER 304006N/0880335W CHART FAS OBST: 124 POLE 303918N/0880403W CHART 744 BLDG 304135N/0880226W. DISTANCE TO THLD FROM 325 HAT: 0.87 NM. CHART VDP AT 1.10 MILES TO RW18* LNAV ONLY. WAAS CHANNEL # 97611 REFERENCE PATH ID: W18A MAG VAR: 1W EPOCH YEAR: 2005	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @									
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	351	1	325	351	1	325	351	1	325	351	1	325			
LNAV/VNAV DA	397	1 1/4	371	397	1 1/4	371	397	1 1/4	371	397	1 1/4	371			
LNAV MDA	440	1	414	440	1	414	440	1 1/4	414	440	1 1/4	414			
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	680	2	654			

NOTES:
 CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-A DATED 11/23/2006
------------------------------	--	------------------------------	--	--

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CHART NOTE: BARO VNAV AND VDP NA WHEN USING MOBILE REGIONAL ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOBILE REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 50 FEET AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CAT D, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BFM VORTAC AIRWAY RADIALS

319 CW 052.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SJI VORTAC AIRWAY RADIALS

043 CW 081.

CITY AND STATE

MOBILE, AL

ELEVATION: 26 TDZE: 26

AIRPORT NAME:

MOBILE DOWNTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 11/23/2008

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFM
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	303831.1790N
LTP/FTP LONGITUDE	0880357.3010W
LTP/FTP ELLIPSOIDAL HEIGHT	-00208
FPAP LATITUDE	303701.8700N
FPAP LONGITUDE	0880357.2500W
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	0376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER FE0BBC83

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00077
FPAP ORTHOMETRIC HEIGHT	+00077

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-A DATED: 11/23/2006
------------------------------	--	------------------------------	--	---

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

[illegible]

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG-A
				DATED: 11/23/2006

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

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

	1	2	3	4	5	6	7	8	9	0	1	2	3	
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KBPMK7GRW18	0078001810	N30383118W088035730+0000	-0020800025000050150R										
	1	2	3	4	5	6	7	8	9	0	1	2	3	
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KBPMK7PR18	RW18	001	0000W18A0N3038311790W08803573010-002080300N3037018700W08803572500106750376000500F400500FE0BBC83										
SUSAP	KBPMK7PR18	RW18	002E	+00077+00077LPV	97611	000								
	1	2	3	4	5	6	7	8	9	0	1	2	3	
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012													

SUSAP	KBPMK7SRW18	K7PG	0	18018003125										M

CITY AND STATE
MOBILE, AL

ELEVATION: 26 TDZE: 26
 AIRPORT NAME:
 MOBILE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG-A
 DATED: 11/23/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BFM	BFM	010		IF		FB				
	BFM	OTMEE	020	IAF	TF		FO	2.0	358.6 (358T)	013.2	02000
	BFM	OTMEE	030		HF	R	FO		181.0 (180T)	004.0	02000
	SJI	SJI	010		IF		FB				
	SJI	OTMEE	020	IAF	TF		FO	2.0	068.0 (067T)	016.5	02000
	SJI	OTMEE	030		HF	R	FO		181.0 (180T)	004.0	02000
	STETS	STETS	010	IAF	IF		FB				
	STETS	OTMEE	020		TF		FB	1.0	241.0 (240T)	019.5	02000
		OTMEE	010	FACF	IF		FB				02000
		JUTIB	020	FAF	TF		FB	0.5	181.0 (180T)	006.1	01800
		SOYTO	021	SDF	TF		FB	0.3	181.0 (180T)	002.5	0096000975
		RW18	030	MAP	TF		FO	0.3	181.0 (180T)	002.8	00075

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	POCIP	040		DF		FO	1.0			02000
	POCIP	050		HM	R	FO	2.0	001.0 (T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BFM	N303645.80	W0880319.78	N3036.763	W08803.330
	SJI	N304333.53	W0882133.46	N3043.559	W08821.558
	JUTIB	N304352.10	W0880357.49	N3043.868	W08803.958
	OTMEE	N304959.59	W0880357.73	N3049.993	W08803.962
	POCIP	N302545.56	W0880356.83	N3025.759	W08803.947
	SOYTO	N304119.57	W0880357.40	N3041.326	W08803.957
	STETS	N305948.22	W0874420.79	N3059.804	W08744.347
	RW18	N303831.18	W0880357.30	N3038.520	W08803.955

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	00025		50

CITY AND STATE
MOBILE, AL

ELEVATION: 26 TDZE: 26
 AIRPORT NAME:
 MOBILE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG-A
 DATED: 11/23/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SJI VORTAC	WUSAB (FB)	151.07 / 20.49	2000	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2000 DIRECT OTMEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.97 INBOUND. CHART FAS OBST: 183 TOWER 303619N/0880437W DISTANCE TO THLD FROM 314 HAT: 0.83 NM. CHART VDP AT 1.11 MILES TO RW36* LNAV ONLY. WAAS CHANNEL # 56511 REFERENCE PATH ID: W38A
BFM VORTAC	POCIP (FO)	183.78 / 10.99	2000	
WUSAB (IAF)	POCIP (NOPT) (FB)	090.92 / 5.00	2000	
POCIP (IF/IAF)	KUBEC (FB)	000.97 / 6.11	1800	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S POCIP, RT, 000.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 000.97 FAF: KUBEC DIST FAF TO MAP: 5.34 THLD: 5.34
- MIN. ALT: POCIP 2000, KUBEC 1800, TETBE/1.90 NM TO RW36 680*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1800 GS ALT AT: KUBEC OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
- MSA FROM: RW36 3100

MAG VAR: 1W EPOCH YEAR: 2005

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: NA	STANDARD @					
CATEGORY ==>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	340	1	314	340	1	314	340	1	314	340	1	314				
LNAV/VNAV DA	586	2	560	586	2	560	586	2	560	586	2	560				
LNAV MDA	440	1	414	440	1	414	440	1 1/4	414	440	1 1/4	414				
CIRCLING	680	1	654	680	1	654	680	1 3/4	654	680	2	654				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BFM VORTAC VIA V198 NORTHEAST BOUND.
 SEE 8260-10

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOBILE, AL	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 36, AMDT 1	AMDT: ORIG-A
	MOBILE DOWNTOWN		07 MAY 2009	DATED 04/13/2006

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.*****LNAV ONLY****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOBILE REGIONAL ALTIMETER SETTING AND INCREASE ALL DA 50 FEET AND ALL MDA 60 FEET, INCREASE LPV, LNAV/VNAV ALL CATS, LNAV CAT D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.****CHART NOTE: BARO VNAV AND VDP NA WHEN USING MOBILE REGIONAL ALTIMETER SETTING.****CITY AND STATE****MOBILE, AL****ELEVATION: 26 TDZE: 26****AIRPORT NAME:****MOBILE DOWNTOWN****FACILITY
IDENTIFIER:
RNAV****PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:****RNAV (GPS) RWY 35, AMDT 1****07 MAY 2009****SUP:****AMDT: ORIG-A****DATED: 04/13/2006**

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFM
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W36A
REFERENCE PATH IDENTIFIER (APPROACH ID)	303713.9735N
LTP/FTP LATITUDE	0880357.2505W
LTP/FTP LONGITUDE	-00209
LTP/FTP ELLIPSOIDAL HEIGHT	303843.2800N
FPAP LATITUDE	0880357.3000W
FPAP LONGITUDE	00050.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0376
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER 81273681

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00076
FPAP ORTHOMETRIC HEIGHT	+00076

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 28 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG-A
				DATED: 04/13/2006

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBFMK7FR36	ABFM	010BFM	K7D 0V	IF					18000		A JS	
SUSAP	KBFMK7FR36	ABFM	020POCIPK7EA0EY	A 020TF		18380110		+ 02000				A JS	
SUSAP	KBFMK7FR36	ABFM	030POCIPK7EA0EB	CR HF		00100040		+ 02000				A JS	
SUSAP	KBFMK7FR36	ASJI	010SJI	K7D 0V	IF					18000		A JS	
SUSAP	KBFMK7FR36	ASJI	020WUSABK7EA0E	A 020TF		15110205		+ 02000				A JS	
SUSAP	KBFMK7FR36	ASJI	030POCIPK7EA0EE	010TF		09090050		+ 02000				A JS	
SUSAP	KBFMK7FR36	R	010POCIPK7EA0E	I IF				+ 02000		18000		A JS	
SUSAP	KBFMK7FR36	R	020KUBECK7EA1E	F 051TF		00100061		+ 01800			RW36	K7PGA JS	
SUSAP	KBFMK7FR36	R	020KUBECK7EA2WALPV		ALNAV/VNAV ALNAV							JS	
SUSAP	KBFMK7FR36	R	021TETBEK7EA0E	S 031TF		00100034		V 0068000683		-300		A JS	
SUSAP	KBFMK7FR36	R	030RW36	K7PGOGY M 031TF		00100019		00075		-300		A JS	
SUSAP	KBFMK7FR36	R	0400TMEEK7EA0EYM	010DF				+ 02000				A JS	
SUSAP	KBFMK7FR36	R	0500TMEEK7EA0EE	HR020HM		18100040		+ 02000				A JS	

[illegible]

CITY AND STATE MOBILE, AL	ELEVATION: 26 TDZE: 26 AIRPORT NAME: MOBILE DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG-A
				DATED: 04/13/2008

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.

[illegible][illegible]

1

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BFM	BFM	010		IF		FB				
	BFM	POCIP	020	IAF	TF		FO	2.0	183.8 (183T)	011.0	02000
	BFM	POCIP	030		HF	R	FO		001.0 (360T)	004.0	02000
	SJI	SJI	010		IF		FB				
	SJI	WUSAB	020	IAF	TF		FB	2.0	151.1 (150T)	020.5	02000
	SJI	POCIP	030		TF		FB	1.0	090.9 (090T)	005.0	02000
		POCIP	010	FACF	IF		FB				02000
		KUBEC	020	FAF	TF		FB	0.5	001.0 (360T)	006.1	01800
		TETBE	021	SDF	TF		FB	0.3	001.0 (360T)	003.4	0068000683
		RW36	030	MAP	TF		FO	0.3	001.0 (360T)	001.9	00075

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OTMEE	040		DF		FO	1.0			02000
	OTMEE	050		HM	R	FO	2.0	181.0 (180T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BFM	N303645.80	W0880319.78	N3036.763	W08803.330
	SJI	N304333.53	W0882133.46	N3043.559	W08821.558
	KUBEC	N303152.95	W0880357.06	N3031.883	W08803.951
	OTMEE	N304959.59	W0880357.73	N3049.993	W08803.962
	POCIP	N302545.56	W0880356.83	N3025.759	W08803.947
	TETBE	N303519.71	W0880357.18	N3035.329	W08803.953
	WUSAB	N302545.27	W0880943.83	N3025.755	W08809.731
	RW36	N303713.97	W0880357.25	N3037.233	W08803.954

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	00025		50

CITY AND STATE
MOBILE, AL

ELEVATION: 28 TDZE: 28
 AIRPORT NAME:
 MOBILE DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG-A
 DATED: 04/13/2006

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, 32, 36, STANDARD.

RWY 14, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 244 FEET PER NM TO 500.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 36, CLIMB HEADING 000.97 TO 900 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES BEGINNING 1453' FROM DER, 54' RIGHT OF CENTERLINE, UP TO 100' AGL/129' MSL, TREES BEGINNING 2646' FROM DER, 120' LEFT OF CENTERLINE, UP TO 73' AGL/102' MSL. NOTE: RWY 32, SIGN 2780' FROM DER, 1041' LEFT OF CENTERLINE, 109' AGL/119' MSL, TREES BEGINNING 847' FROM DER, 35' RIGHT OF CENTERLINE, UP TO 100' AGL/109' MSL, TREES BEGINNING 1089' FROM DER, 19' LEFT OF CENTERLINE, UP TO 100' AGL/107' MSL. NOTE: RWY 36, POLES BEGINNING 1231' FROM DER, 319' RIGHT OF CENTERLINE, UP TO 49' AGL/69' MSL, TREES BEGINNING 467' FROM DER, 325' RIGHT OF CENTERLINE, UP TO 55' AGL/84' MSL.

(4) CONTROLLING OBSTACLES:

RWY 14, 380 MSL BARGE 303534.10N-0880147.89W.

RWY 36, 744 MSL BLDG 304134.79N-0880225.67W.

(5) City, State

MOBILE, AL

(6) Airport

MOBILE DOWNTOWN

(7) Effective Date

07 MAY 2009

(8) Amdt. No.

1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MON VOR/DME	WAXOK (FB)	235.32 / 24.29	3000	LNAV: RW03
HAMPT	WUBOB (FB)	116.74 / 12.07	3000	
JUSGA	WUBOB (FB)	156.73 / 14.92	3000	
WAXOK (IAF)	ULERE (FB)	300.06 / 5.00	2500	CLIMB TO 3000 DIRECT WESOS AND LEFT TURN VIA 271.47 TRACK TO JUSGA AND HOLD.
WUBOB (IAF)	ULERE (FB)	119.97 / 5.00	2500	
ULERE (IF)	OHNIF (FB)	030.01 / 6.28	1800	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 207.36 INBOUND. CHART FAS OBST: 349 TREE 333222N/0920705W OHNIF TO RW03: 2.98/45. CHART MONTICELLO ASOS, 133.325.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ULERE
3. FAC: 030.05 FAF: OHNIF DIST FAF TO MAP: 4.92 THLD: 4.92
4. MIN. ALT: ULERE 2500, OHNIF 1800, YABUS/2.20 NM TO RW03 920
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCP: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 34:1 IS CLEAR
8. MSA FROM: RW03 1900

MAG VAR: 4E

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: ☒ STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: ☒ NA					
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	660	1	425	660	1	425	660	1 1/4	425		NA					
CIRCLING	740	1	505	740	1	505	740	1 1/2	505		NA					

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MON VOR/DME VIA V278 EAST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE MONTICELLO ALTIMETER SETTING; WHEN NOT RECEIVED, USE EL DORADO ALTIMETER SETTING
AND INCREASE ALL MDA 60 FEET.

CITY AND STATE WARREN, AR	ELEVATION: 235 TDZE: 235 AIRPORT NAME: WARREN MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-A 07 MAY 2009	SUP:
				AMDT: ORIG
				DATED 03/12/2009

QUALITY
CHECKED

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

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

ARINC PACKET - 424-18 - RNAV (GPS)[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 3M9 K4FR03	AHAMPT	010HAMPTK4EA0E	IF							18000		B JS	G
SUSAP 3M9 K4FR03	AHAMPT	020WUBOBK4EA0E	A 020TF			11670121		+ 03000				B JS	G
SUSAP 3M9 K4FR03	AHAMPT	030ULEREK4EA0EE	010TF			12000050		+ 02500				B JS	G
SUSAP 3M9 K4FR03	AJUSGA	010JUSGAK4EA0E	IF							18000		B JS	G
SUSAP 3M9 K4FR03	AJUSGA	020WUBOBK4EA0E	A 020TF			15670149		+ 03000				B JS	G
SUSAP 3M9 K4FR03	AJUSGA	030ULEREK4EA0EE	010TF			12000050		+ 02500				B JS	G
SUSAP 3M9 K4FR03	AMON	010MON K4D 0V	IF							18000		B JS	G
SUSAP 3M9 K4FR03	AMON	020WAXOKK4EA0E	A 020TF			23530243		+ 03000				B JS	G
SUSAP 3M9 K4FR03	AMON	030ULEREK4EA0EE	010TF			30010050		+ 02500				B JS	G
SUSAP 3M9 K4FR03	R	010ULEREK4EA0E	I IF					+ 02500		18000		B JS	G
SUSAP 3M9 K4FR03	R	020OHNIFK4EA1E	F 051TF			03000063		+ 01800			RW03	K4PGB JS	G
SUSAP 3M9 K4FR03	R	020OHNIFK4EA2WN		N	ALNAV							JS	G
SUSAP 3M9 K4FR03	R	021YABUSK4EA0E	S 031TF			03010027		V 0092000942		-298		B JS	G
SUSAP 3M9 K4FR03	R	030RW03 K4PGOGY	M 031TF			03010022		00242		-298		B JS	G

QUALITY
1
CHECKED

CITY AND STATE
WARREN, AR

ELEVATION: 235 TDZE: 235
AIRPORT NAME:
WARREN MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG-A
07 MAY 2009

SUP:	
AMDT:	ORIG
DATED:	03/12/2009

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

2715 + 03000
20740040 + 03000

B	JS	G
B	JS	G
B	JS	G

[illegible]

QUALITY
CHECKER

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG-A
07 MAY 2009

SUP:	
AMDT:	ORIG
DATED:	03/12/2009

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAMPT	HAMPT	010		IF		FB				
	HAMPT	WUBOB	020	IAP	TF		FB	2.0	116.7 (121T)	012.1	03000
	HAMPT	ULERE	030		TF		FB	1.0	120.0 (124T)	005.0	02500
	JUSGA	JUSGA	010		IF		FB				
	JUSGA	WUBOB	020	IAP	TF		FB	2.0	156.7 (161T)	014.9	03000
	JUSGA	ULERE	030		TF		FB	1.0	120.0 (124T)	005.0	02500
	MON	MON	010		IF		FB				
	MON	WAXOK	020	IAP	TF		FB	2.0	235.3 (239T)	024.3	03000
	MON	ULERE	030		TF		FB	1.0	300.1 (304T)	005.0	02500
		ULERE	010	PACF	IF		FB				02500
		OHNIF	020	PAF	TF		FB	0.5	030.0 (034T)	006.3	01800
		YABUS	021	SDF	TF		FB	0.3	030.1 (034T)	002.7	0092000942
		RW03	030	MAP	TF		FO	0.3	030.1 (034T)	002.2	00242

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WESOS	040		DF		FB	1.0			
	JUSGA	050		TF	L	FO	1.0	271.5 (276T)		03000
	JUSGA	060		HM	R	FO	2.0	207.4 (211T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MON	N333343.40	W0914256.46	N3333.723	W09142.941
	HAMPT	N333303.41	W0923010.86	N3333.057	W09230.181
	JUSGA	N334058.70	W0922340.22	N3340.978	W09223.670
	OHNIF	N332916.69	W0920838.03	N3329.278	W09208.634
	ULERE	N332404.01	W0921249.89	N3324.067	W09212.832
	WAXOK	N332115.79	W0920753.00	N3321.263	W09207.883
	WESOS	N333910.29	W0920038.17	N3339.172	W09200.636
	WUBOB	N332652.03	W0921747.09	N3326.867	W09217.785
	YABUS	N333132.33	W0920648.58	N3331.539	W09206.810
	RW03	N333321.87	W0920520.10	N3333.365	W09205.335

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
		TCH
	RW03	00197 45

QUALITY
1
CHECKED

CITY AND STATE WARREN, AR	ELEVATION: 235 TDZE: 235	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-A 07 MAY 2009	SUP:
	AIRPORT NAME: WARREN MUNI			AMDT: ORIG
				DATED: 03/12/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW21 CLIMB TO 3000 DIRECT ZANOP AND RIGHT TURN VIA 307.15 TRACK TO JUSGA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 207.36 INBOUND. FAS OBST: 409 AAO 333706N/0920330W BIMTY TO RW21: 3.04/45. CHART MONTICELLO ASOS, 133.325.
MON VOR/DME	ZATKO (FB)	305.95 / 10.33	3000	
JUSGA	ZAKID (FB)	070.20 / 18.47	3000	
ZATKO (IAF)	YUBUT (FB)	300.20 / 5.00	2500	
ZAKID (IAF)	YUBUT (FB)	120.10 / 5.00	2500	
YUBUT (IF)	BIMTY (FB)	210.15 / 6.49	1800	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT YUBUT
- FAC: 210.11 FAF: BIMTY DIST FAF TO MAP: 4.71 THLD: 4.71
- MIN. ALT: YUBUT 2500, BIMTY 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW21 1800

MAG VAR: 4E

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF:	X	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: NA	X					
CATEGORY	=====	A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		720	1	485	720	1	485	720	1 1/4	485		NA				
CIRCLING		740	1	505	740	1	505	740	1 1/2	505		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MON VOR/DME VIA V278 EAST BOUND AND ARRIVALS AT JUSGA VIA V69 SOUTHWEST BOUND.
 CHART NOTE: USE MONTICELLO ALTIMETER SETTING, WHEN NOT RECEIVED, USE EL DORADO ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CAT C VISIBILITY 1/4.

CITY AND STATE WARREN, AR	ELEVATION: 235 TDZE: 235 AIRPORT NAME: WARREN MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG-A 07 MAY 2009	SUP:
				AMD'T: ORIG
				DATED 03/12/2009

QUALITY
CHECKED

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 3M9 K4FR21	AJUSGA	010JUSGAK4EA0E	IF							18000		B JS	G
SUSAP 3M9 K4FR21	AJUSGA	020ZAKIDK4EA0E	A 020TF			07020185		+ 03000				B JS	G
SUSAP 3M9 K4FR21	AJUSGA	030YUBUTK4EA0EE	010TF			12010050		+ 02500				B JS	G
SUSAP 3M9 K4FR21	AMON	010MON K4D 0V	IF							18000		B JS	G
SUSAP 3M9 K4FR21	AMON	020ZATKOK4EA0E	A 020TF			30600103		+ 03000				B JS	G
SUSAP 3M9 K4FR21	AMON	030YUBUTK4EA0EE	010TF			30020050		+ 02500				B JS	G
SUSAP 3M9 K4FR21	R	010YUBUTK4EA0E	I IF							18000		B JS	G
SUSAP 3M9 K4FR21	R	020BIMTYK4EA1E	F 051TF			21020065		+ 01800			RW21	K4PGB JS	G
SUSAP 3M9 K4FR21	R	020BIMTYK4EA2WN		N		ALNAV						JS	G
SUSAP 3M9 K4FR21	R	030RW21 K4PG0GY	M 031TF			21010050		00280		-304		B JS	G
SUSAP 3M9 K4FR21	R	040ZANOPK4EA0E	M 010DF									B JS	G
SUSAP 3M9 K4FR21	R	050JUSGAK4EA0EY	R010TFY			3072		+ 03000				B JS	G
SUSAP 3M9 K4FR21	R	060JUSGAK4EA0EE	HR020HM			20740040		+ 03000				B JS	G

[illegible]

QUALITY
1
CHECKED

CITY AND STATE WARREN, AR	ELEVATION: 235 TDZE: 235 AIRPORT NAME: WARREN MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG-A 07 MAY 2009	SUP:
				AMDT: ORIG
				DATED: 03/12/2009

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

G

MSA

0 18018001925

M G

QUALITY
1
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JUSGA	JUSGA	010		IF		FB				
	JUSGA	ZAKID	020	IAP	TF		FB	2.0	070.2(074T)	018.5	03000
	JUSGA	YUBUT	030		TF		FB	1.0	120.1(124T)	005.0	02500
	MON	MON	010		IF		FB				
	MON	ZATKO	020	IAP	TF		FB	2.0	306.0(310T)	010.3	03000
	MON	YUBUT	030		TF		FB	1.0	300.2(304T)	005.0	02500
		YUBUT	010	FACF	IF		FB				02500
		BIMTY	020	FAP	TF		FB	0.5	210.2(214T)	006.5	01800
		RW21	030	MAP	TF		FO	0.3	210.1(214T)	005.0	00280

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZANOP	040		DF		FB	1.0			
	JUSGA	050		TF	R	FO	1.0	307.2(311T)		03000
	JUSGA	060		HM	R	FO	2.0	207.4(211T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MON	N333343.40	W0914256.46	N3333.723	W09142.941
	BIMTY	N333747.77	W0920145.04	N3337.796	W09201.751
	JUSGA	N334058.70	W0922340.22	N3340.978	W09223.670
	YUBUT	N334310.62	W0915723.31	N3343.177	W09157.389
	ZAKID	N334559.24	W0920221.12	N3345.987	W09202.352
	ZANOP	N332944.26	W0920815.77	N3329.738	W09208.263
	ZATKO	N334021.80	W0915225.83	N3340.363	W09152.431
	RW21	N333353.24	W0920454.75	N3333.887	W09204.913

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW21	00235	45

QUALITY
1
CHECKED

CITY AND STATE
WARREN, AR

ELEVATION: 235 TDZE: 235
 AIRPORT NAME:
 WARREN MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 21, ORIG-A
 07 MAY 2009

SUP:
 AMDT: ORIG
 DATED: 03/12/2009

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

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: _____

NOTES:

PROCEDURE CANCELED EFFECTIVE 07 MAY 2009

CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 247 AIRPORT NAME: MONTEREY PENINSULA	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 28L, AMDT 1B, 08/03/2006	SUP
				AMDT 1A
				DATE 03/01/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
SNS VORTAC	HIXAR (FO)	114.04 / 6.15	5100	LNAV: UTUYA CLIMBING RIGHT TURN TO 6000 DIRECT TO SNS VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ADDITIONAL FLIGHT DATA: HOLD W, LT, 084.00 INBOUND. FAS OBST: 2445 AAO 363229N/1213806W FAS OBST: 1559 AAO 363256N/1214528W FAS OBST 1879 AAO 363402N/1214020W FAS OBST 2979 AAO 363229N/1213806W IGEYO TO RW28L: 3.70/47. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.								
WIGGL (IAF)	HIXAR (NOPT) (FB)	313.53 / 12.73	5100									
HIXAR (IF/AF)	IGEYO (FB)	235.08 / 7.00	4100									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE HIXAR, LT, 235.08 INBOUND, 5100 FT. IN LIEU OF PT (IAF) 3. FAC: 264.38 FAF: IGEYO DIST FAF TO MAP: 9.20 THLD: 9.68 4. MIN. ALT: HIXAR 5100, IGEYO 4100, HUGON/2.50 NM TO INICU 3300, INICU/4.70 NM TO UTUYA 2300 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: UTUYA 6300				MAG VAR: 14E EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF: ☐ STANDARD ☒ X 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
LNAV MDA	1600	6000	1353	1600	1 1/2	1353	1600	3	1353		NA	
CIRCLING	1600	1 1/4	1343	1600	1 1/2	1343	1600	3	1343		NA	
NOTES: CHART NOTE: CIRCLING NA S OF RWY 10R-28L . @ CAT A, B 1400-2, CAT C 1400-3 CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SNS VORTAC AIRWAY RADIALS 068 CW 167.												
CITY AND STATE		ELEVATION: 257 TDZE: 247		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
MONTEREY, CA		AIRPORT NAME:		RNAV		RNAV (GPS) Y RWY 28L, ORIG			AMDT: NONE			
		MONTEREY PENINSULA				07 MAY 2009			DATED			

Handwritten signature and date: 05/11/09

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

[illegible]

CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 247 AIRPORT NAME: MONTEREY PENINSULA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28L, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED: 11/1/11

CHECKED

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

SUSAP KMRYK2SUTUYAK2EA	0	18018006325	M
------------------------	---	-------------	---



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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SNS	SNS	010		IF		FB				
	SNS	HIKAR	020	IAF	TF		FO	2.0	114.0(128T)	006.2	05100
	SNS	HIKAR	030		HF	L	FO		235.1(249T)	005.0	05100
	WIGGL	WIGGL	010	IAF	IF		FB				
	WIGGL	HIKAR	020		TF		FB	1.0	313.5(328T)	012.7	05100
		HIKAR	010	FACF	IF		FB				05100
		IGEYO	020	FAF	TF		FB	0.5	235.1(249T)	007.0	04100
		HUGON	021	SDF	TF		FB	0.3	264.4(278T)	002.0	03300
		INICU	022	SDF	TF		FB	0.3	264.4(278T)	002.5	02300
		UTUYA	030	MAP	TF		FO	0.3	264.3(278T)	004.7	00489

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SNS	040		TF	R	FO				06000
	SNS	050		HM	L	FO	2.0	084.0(098T)	005.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SNS	N363949.80	W1213611.46	N3639.830	W12136.191
	HIKAR	N363601.77	W1213010.28	N3636.030	W12130.171
	HUGON	N363348.82	W1214044.61	N3633.814	W12140.744
	IGEYO	N363331.33	W1213817.24	N3633.522	W12138.287
	INICU	N363410.61	W1214348.84	N3634.177	W12143.814
	UTUYA	N363451.37	W1214935.28	N3634.856	W12149.588
	WIGGL	N362517.04	W1212141.22	N3625.284	W12121.687
	RW28L	N363502.85	W1215009.19	N3635.048	W12150.153

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW28L	00247		47

CITY AND STATE
MONTEREY, CA

ELEVATION: 257 TDZE: 247
AIRPORT NAME:
MONTEREY PENINSULA

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 28L, ORIG
07 MAY 2009

SUP:
AMDT: NONE
DATED:

4
 CHECKED

U.S. 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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA CLIMB TO 5500 VIA 278.76 TRACK TO URUYU AND VIA RIGHT TURN TO CUGVU AND VIA 101.85 TRACK TO SNS VORTAC AND HOLD. ADDITIONAL FLIGHT DATA. HOLD W, LT, 101.84 INBOUND. CHART FAS OBS: 898 CHIMINEY 363355.94N/1214736.22W, 893 BUSH 363354.15N/1214751.87W CHART: 795 TREE 363357.95N/1214808.82W CHART: 693 TREE 363358.43N/1214841.31W DISTANCE TO THLD FROM 497 HAT: 0.52 NM. ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH 297.40 MSL (DO NOT CHART)								
BASEC (IAF) (40E) (43A)	SNS VORTAC (TF) (FB) (RNP 1.00) (40V) (41E)	251.45/11.00	5500									
SNS VORTAC (IAF/IF) (40V) (43I)	CONIV (TF) (FB) (RNP 1.00) (40E) (43F)	195.69/5.59	4200									
CONIV (FAF) (40E) (43F)	OKUPE (TF)(FB) (40E)	198.85/1.58										
OKUPE (40E)	HUTAD (RF) (FB) (40E)	(2.00 NM RADIUS CW RIYOY)/2.79										
HUTAD (40E)	RW28L (TF) (FO) (40G) (41Y) (43M)	278.83/5.60										
RW28L (MAP) (40G) (41Y) (43M)	URUYU (TF) (FB) (RNP 1.00) (40E)	278.76/7.34										
URUYU (40E)	CUGVU (RF) (FB) (RNP 1.00) (40E)	(4.81 NM RADIUS CW FEVAG)15.04										
CUGVU (40E)	SNS VORTAC (TF) (FO) (RNP 1.00)(40V) (41E) (43H)	101.85/15.59	5500									
1 PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT SNS VORTAC 3. FAC: <u> * </u> FAF: <u>*SEE TERMINAL ROUTES FROM CONIV</u> DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN ALT: SNS VORTAC 5500 5. DIST TO THLD FROM OM: <u> 9.98 </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT <u> </u> 6. MIN GS INCPT: <u> 4200 </u> GS ALT AT: CONIV 4200, OKUPE 3568, HUTAD 2465 OM: <u> </u> MM: <u> </u> IM <u> </u> 7. GS ANGLE: <u> 3.60 </u> TCH: <u> 50.0# </u> 34:1 IS NOT CLEAR 8. MSA FROM: RW28L 6300				MAG VAR: 14E EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF:	STANDARD	X	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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED												
RNP 0.10 DA	497	4000	250	497	4000	250	497	4000	250	NA		
RNP 0.20 DA	1196	2 3/4	949	1196	2 3/4	949	1196	2 3/4	949	NA		
RNP 0.30 DA	1257	3	1010	1257	3	1010	1257	3	1010	NA		
NOTES: CHART NOTES: RF AND GPS REQUIRED. WHEN VGSI INOPERATIVE RNP 0.30 DA NA AT NIGHT. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0C (32F) OR ABOVE 39C (102F). VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BASEC VIA V230 EASTBOUND AND ARRIVALS AT SNS VORTAC VIA V111 NORTH BOUND.												
CITY AND STATE		ELEVATION: 257 TDZE 247		FACILITY IDENTIFIER.		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:			
MONTEREY, CA		AIRPORT NAME: MONTEREY PENINSULA		RNAV		07 MAY 2009 RNAV (RNP) Z RWY 28L, ORIG			AMDT. NONE			
									DATE			

FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PDZ VORTAC	WUXEB INT	104.30 / 5.70	4100	MAP: 4.62 MILES AFTER WUXEB INT
HDF VOR (IAF)	ANNDY INT (NOPT)	255.15 / 11.13	5000	CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 4500 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.
ANNDY INT (IF)	WUXEB INT	335.06 / 6.00 (RAL R-155)	3700	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 269.00 INBOUND. CHART FAS OBST: 1567 TREE 335254N/1172536W CHART: 1839 TREE 335133N/1172416W FAC 118R OF RWY C/L AT THLD.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. **HOLD SE WUXEB, RT, 335.06 INBOUND, 4000 FT. IN LIEU OF PT (IAF)**
3. FAC 335.06 FAF WUXEB INT DIST FAF TO MAP 4.62 THLD
4. MIN. ALT WUXEB 3700
8. MSA FROM: RAL VOR 030-120 11900, 120-210 7000, 210-030 11300

EPOCH YEAR:2000

MINIMUMS

[illegible]

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT.

CHART NOTE: CIRCLING NA FOR CAT D N OF RWY 9-27.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HDF VOR VIA V283-372 EASTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHINO ALTIMETER SETTING AND INCREASE

ALL MDA: 60 FEET.

@ CAT A, B 1200-2, CAT C, D 1200-3

© NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED

CITY AND STATE RIVERSIDE, CA	ELEVATION: 819 AIRPORT NAME: RIVERSIDE MUNI	TDZE: FACILITY IDENTIFIER: RAL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-B, ORIG-A 07 MAY 2009	SUP AMDT DATE 3/12/2009
---------------------------------	---	---	--	-------------------------------

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 6.12 MILES AFTER SB NDB
PDZ VORTAC (IAF)	SUDOC INT	006.77 / 6.72	4000	CLIMBING RIGHT TURN TO 4400 DIRECT SB NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400.
SUDOC INT (IF)	SB NDB	056.37 / 6.03	3200	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 056.43 INBOUND. CHART FAS OBST: 1489 TREE 340236N/1172028W CHART 4600 PRIOR TO SB NDB IN PROFILE. SB NDB TO RW06: 3.18/52

1. PT L SIDE OF COURSE 236.43 OUTBOUND 4000 FT WITHIN 10 MILES OF SB NDB (IAF)
2. _____
3. FAC 056.36 FAF SB NDB DIST FAF TO MAP 6.12 THLD 6.12
4. MIN. ALT SB NDB 3200
8. MSA FROM: SB NDB 010-100 12700, 100-270 7000, 270-010 11300

MAG VAR: 14E EPOCH YEAR: 1900

MINIMUMS

TAKEOFF:		STANDARD	X	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-6		2540	1 1/4	1449	2540	1 1/2	1449	2540	3	1449	2540	3	1449			
CIRCLING		2540	1 1/4	1381	2540	1 1/2	1381	2540	3	1381	2540	3	1381			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: CIRCLING NA N OF RWY 6-24.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PDZ VORTAC AIRWAY RADIALS 012 CW 030.

CITY AND STATE SAN BERNARDINO, CA	ELEVATION: 1159	TDZE: 1091	FACILITY IDENTIFIER: SB	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 6, AMDT 1 07 MAY 2009	SUP	NDB OR GPS RWY
	AIRPORT NAME: SAN BERNARDINO INTERNATIONAL	6				
		AMDT			ORIG	
		DATE			05/10/2007	



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
PDZ VORTAC (IAF)	UCUDO (FB)	005.06 / 6.37	4000	LNAV: RW06	
UCUDO (IF)	WIDAD (FB)	057.30 / 6.03	3300	CLIMBING RIGHT TURN TO 5000 DIRECT PDZ VORTAC AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 258.00 INBOUND. CHART FAS OBST: 1489 TREE 340236N/1172028W CHART VDP AT 4.22 MILES TO RW06. WIDAD TO RW06: 3.06/51	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT UCUDO
- FAC: 057.36 FAF: WIDAD DIST FAF TO MAP: 6.67 THLD: 6.67
- MIN. ALT: UCUDO 4000, WIDAD 3300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW06 12700

MAG VAR: 13E

EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	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	2480	1 1/4	1389	2480	1 1/2	1389	2480	3	1389	2480	3	1389			
CIRCLING	2480	1 1/4	1321	2480	1 1/2	1321	2480	3	1321	2480	3	1321			

NOTES:
 CHART NOTE: CIRCLING NA NORTH OF RWYS 6 AND 24.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PDZ VORTAC AIRWAY RADIALS 012 CW 030.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CITY AND STATE SAN BERNARDINO, CA	ELEVATION: 1159 TDZE: 1091 AIRPORT NAME: SAN BERNARDINO INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 6, ORIG 07 MAY 2009	SUP: AMDT: NONE DATED
---	--	-------------------------------------	---	------------------------------------

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

QUALITY
2
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PDZ	PDZ	010	IAF	IF		FB				
	PDZ	UCUDO	020		TF		FB	1.0	005.1(018T)	006.4	04000
		UCUDO	010	FACF	IF		FB				04000
		WIDAD	020	FAF	TF		FB	0.5	057.3(070T)	006.0	03300
		RW06	030	MAP	TF		FO	0.3	057.4(070T)	006.7	01136

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PDZ	040		DF	R	FO				05000
	PDZ	050		HM	R	FO	2.0	258.0(271T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PDZ	N335506.01	W1173147.99	N3355.100	W11731.800
	UCUDO	N340110.18	W1172925.35	N3401.170	W11729.423
	WIDAD	N340312.16	W1172235.51	N3403.203	W11722.592
	RW06	N340526.71	W1171501.57	N3405.445	W11715.026

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01085	51

CITY AND STATE SAN BERNARDINO, CA	ELEVATION: 1159 TDZE: 1091	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 6, ORIG 07 MAY 2009	SUP:
	AIRPORT NAME: SAN BERNARDINO INTERNATIONAL			AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW06
PDZ VORTAC (IAF)	UCUDO (FB)	005.06 / 6.37	4000	CLIMBING RIGHT TURN TO 5000 DIRECT PDZ VORTAC AND HOLD.
UCUDO (IF)	WIDAD (FB)	057.30 / 6.03	3300	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 258.00 INBOUND. CHART FAS OBST: 1489 TREE 340236N/1172028W CHART VDP AT 1.63 MILES TO RW06. WIDAD TO RW06: 3.06/51

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT UCUDO
- FAC: 057.36 FAF: WIDAD DIST FAF TO MAP: 6.67 THLD: 6.67
- MIN. ALT: UCUDO 4000, WIDAD 3300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW06 12700

MAG VAR: 13E

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1720	1	629	1720	1	629	1720	1 3/4	629	1720	2	629			
CIRCLING	1720	1	561	1720	1	561	1720	1 3/4	561	1620	2	661			

NOTES:

CHART NOTE: CIRCLING NA NORTH OF RWYS 6 AND 24.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: MISSED APPROACH OBSTRUCTIONS REQUIRE A MINIMUM CLIMB GRADIENT OF 333 FT/NM TO

SEE 8260-10

CITY AND STATE	ELEVATION: 1159 TDZE: 1091	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN BERNARDINO, CA	AIRPORT NAME: SAN BERNARDINO INTERNATIONAL		RNAV (GPS) Z RWY 6, ORIG	AMDT: NONE
			07 MAY 2009	DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

3700. IF UNABLE TO MEET RATE OF CLIMB, SEE RNAV (GPS) Y RWY 6.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PDZ VORTAC AIRWAY RADIALS 012 CW 030.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CITY AND STATE

SAN BERNARDINO, CA

ELEVATION: 1159 TDZE: 1091

AIRPORT NAME:

SAN BERNARDINO INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 6, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE SAN BERNARDINO, CA	ELEVATION: 1159 TDZE: 1091 AIRPORT NAME: SAN BERNARDINO INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 8, ORIG 07 MAY 2009	SUP:
				AMD'T: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PDZ	PDZ	010	IAF	IF		FB				
	PDZ	UCUDO	020		TF		FB	1.0	005.1 (018T)	006.4	04000
		UCUDO	010	FACF	IF		FB				04000
		WIDAD	020	FAF	TF		FB	0.5	057.3 (070T)	006.0	03300
		RW06	030	MAP	TF		FO	0.3	057.4 (070T)	006.7	01136

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PDZ	040		DF	R	FO				05000
	PDZ	050		HM	R	FO	2.0	258.0 (271T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PDZ	N335506.01	W1173147.99	N3355.100	W11731.800
	UCUDO	N340110.18	W1172925.35	N3401.170	W11729.423
	WIDAD	N340312.16	W1172235.51	N3403.203	W11722.592
	RW06	N340526.71	W1171501.57	N3405.445	W11715.026

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01085	51

CITY AND STATE
 SAN BERNARDINO, CA

ELEVATION: 1159 TDZE: 1091
 AIRPORT NAME:
 SAN BERNARDINO INTERNATIONAL

FACILITY IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 6, ORIG
 07 MAY 2009

SUP:
 AMDT: NONE
 DATED:

QUALITY CHECK

GRAPHIC DEPARTURE PROCEDURE (DP)



OBSTACLE



SID



RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

TAKEOFF RWYS 13, 17: CLIMBING RIGHT TURN TO 8100 VIA HEADING 340 AND MTJ R-297, THEN CLIMBING RIGHT TURN TO 11000 DIRECT MTJ VOR/DME, THENCE... OR, FOR CLIMB IN VISUAL CONDITIONS: CROSS MONTROSE REGIONAL AIRPORT AT OR ABOVE 10600 BEFORE PROCEEDING ON COURSE.

TAKEOFF RWYS 31: CLIMBING LEFT TURN TO 8100 VIA MTJ R-297, THEN CLIMBING RIGHT TURN TO 11000 DIRECT MTJ VOR/DME, THENCE...

TAKEOFF RWYS 35: CLIMBING LEFT TURN TO 8600 VIA HEADING 250 AND MTJ R-297, THEN CLIMBING RIGHT TURN TO 11000 DIRECT MTJ VOR/DME, THENCE...

...CONTINUE CLIMB-IN-HOLD IN MTJ VOR/DME HOLDING PATTERN (HOLD NW, RT, 116.63 INBOUND) TO CROSS MTJ VOR/DME AT OR ABOVE 11000, THEN PROCEED VIA ASSIGNED ROUTE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

TAKEOFF MINIMUMS:

RWY 13, STANDARD WITH MINIMUM CLIMB OF 250 FEET PER NM TO 8100, OR 5000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 17, STANDARD WITH MINIMUM CLIMB OF 260 FEET PER NM TO 8100, OR 5000-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 31, 35 STANDARD.

(4) Takeoff Obstacle Notes: NOTE: RWY 13, MULTIPLE TREES BEGINNING 776' FROM DER, 273' LEFT OF CENTERLINE, UP TO 50' AGL/5878' MSL. MULTIPLE TREES AND TOWERS BEGINNING 2590' FROM DER, 38' RIGHT OF CENTERLINE, UP TO 110' AGL/5910' MSL. NOTE: RWY 31, MULTIPLE TREES BEGINNING 315' FROM DER, 378' LEFT OF CENTERLINE, UP TO 50' AGL/5749' MSL. NOTE: RWY 35, MULTIPLE TREES BEGINNING 218' FROM DER, 511' LEFT OF CENTERLINE, UP TO 50' AGL/5709' MSL.

(5) Controlling Obstacles: RWY 13: 7319 MSL AAO 382205.90N/1075704.93W, 14509 MSL AAO 380426.20N/1072740.80W. RWY 17: 7279 MSL AAO 382512.14N/1080125.02W, 14509 MSL AAO 380426.20N/1072740.80W. RWY 31, 35: 8642 MSL AAO 383711.63N/1074657.25W, 14509 MSL AAO 380426.20N/1072740.80W. (CONTINUED BLOCK 17)

(6) Fixes and/or NAVAID'S :

(7) DP Name MONTROSE	(8) Number ONE	(9) DP Computer Code MTJ1.MTJ	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 07 MAY 2009
-------------------------	-------------------	----------------------------------	--------------------------------	------------	------------------------------------

(13) Airports Served					
Airport Name MONTROSE RGNL			City/State MONTROSE, CO		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
Airport Name			City/State		
(14) Lost Communications Procedures:					
(15) Communications:					
(16) Additional Flight Data:					
(17) Continuation:					
(5) CONTROLLING OBSTACLES: VCOA: 14509 MSL AAO 380425.20N/1072740.80W.					
(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
MONTROSE	ONE	MTJ1.MTJ	NONE		07 MAY 2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
CERMO	RAVZE (FB)	323.64 / 19.59	2000	LPV: DA LNAV: RW13	
RAVZE (IAF)	IBPEP (NOPT) (FB)	043.69 / 5.00	2000	CLIMB TO 2000 DIRECT AKOJO AND VIA 211.41 TRACK TO CERMO AND HOLD.	
OCF VORTAC (IAF)	IBPEP (NOPT) (FB)	140.57 / 18.67	2000		
IBPEP (IF/IAF)	ACMOF (FB)	133.72 / 6.23	1800		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 149.27 INBOUND. CHART FAS OBST: 234 TREE 285037N/0814907W CHART R-2910. DISTANCE TO THLD FROM 337 HAT: 0.89 NM. WAAS CHANNEL # 77802 REFERENCE PATH ID: W13A CHART: 433 TOWER 285215N/0815427W.	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW IBPEP, RT, 133.72 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>133.76</u> FAF: <u>ACMOF</u> DIST FAF TO MAP: <u>5.17</u> THLD: <u>5.17</u> 4. MIN. ALT: <u>IBPEP 2000, ACMOF 1800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>ACMOF</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW13 2800</u>					
				MAG VAR: 4W EPOCH YEAR: 1995	

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @											
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	413	1 1/4	337	413	1 1/4	337	413	1 1/4	337	413	1 1/4	337				
LNAV MDA	500	1	424	500	1	424	500	1 1/4	424	500	1 1/4	424				
CIRCLING	700	1	624	700	1	624	700	1 3/4	624	700	2	624				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GL/DEPATH NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORLANDO INTL ALTIMETER SETTING AND SEE 8260-10.
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LEESBURG, FL	ELEVATION: 76 TDZE: 76 AIRPORT NAME: LEESBURG INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG DATED 06/08/2006
--------------------------------	--	------------------------------	--	--

2
CHECKED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

INCREASE DA TO 498 FEET, AND ALL MDA 100 FEET, AND INCREASE LPV VISIBILITY ALL CATS 1/4 MILE,
LNAV VISIBILITY CAT C 1/4, CAT D 1/2 AND CIRCLING VISIBILITY CATS C AND D 1/4.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OCF VORTAC VIA AIRWAY RADIALS 120 CW 182.

CITY AND STATE

LEESBURG, FL

ELEVATION: 76 TDZE: 76

AIRPORT NAME:

LEESBURG INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG

DATED: 06/08/2006

QUALITY
CHECKED

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEE
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	284943.7670N
LTP/FTP LONGITUDE	0814857.9325W
LTP/FTP ELLIPSOIDAL HEIGHT	-00050
FPAP LATITUDE	284848.5800N
FPAP LONGITUDE	0814740.0000W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

2251DAA8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00225
FPAP ORTHOMETRIC HEIGHT	+00225

CITY AND STATE LEESBURG, FL	ELEVATION: 76 TDZE: 76 AIRPORT NAME: LEESBURG INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG DATED: 06/08/2006
--------------------------------	--	------------------------------	--	---

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.

[illegible]

DATED: 06/08/2008

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

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

SUSAP KLEEK7GRW13 0050001338 N28494377W081485793-0100 -0005000074030055150R

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KLEEK7PR13 RW13 001 0000W13A0N2849437670W08148579325-000500300N2848465800W08147400000106751224000550F4005002251DAA8												
	SUSAP KLEEK7PR13 RW13 002E +00225+00225LPV 77802 000												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KLEEK7SRW13 K7PG 0 18018002825 M												

CITY AND STATE
LEESBURG, FL

ELEVATION: 76 TDZE: 76
 AIRPORT NAME:
 LEESBURG INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG
 DATED: 06/08/2006

CHECK

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CERMO	CERMO	010		IP		FB				
	CERMO	RAVZE	020	IAP	TF		FB	2.0	323.6 (320T)	019.6	02000
	CERMO	IBPEP	030		TF		FB	1.0	043.7 (040T)	005.0	02000
	IBPEP	IBPEP	010		HF	R	FB		133.7 (130T)	004.0	02000
	OCF	OCF	010	IAP	IP		FB				
	OCF	IBPEP	020		TF		FB	1.0	140.6 (137T)	018.7	02000
		IBPEP	010	FACF	IP		FB				02000
		ACMOF	020	FAP	TF		FB	0.5	133.7 (130T)	006.2	01800
		RW13	030	MAP	TF		FO	0.3	133.8 (130T)	005.2	00129

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AKOJO	040		DF		FB	1.0			
	CERMO	050		TF		FO	1.0	211.4 (207T)		02000
	CERMO	060		HM	R	FO	2.0	149.3 (145T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OCF	N291038.91	W0821334.84	N2910.649	W08213.581
	ACMOF	N285302.90	W0815329.59	N2853.048	W08153.493
	AKOJO	N284550.17	W0814339.92	N2845.836	W08143.665
	CERMO	N283813.66	W0814808.21	N2838.228	W08148.137
	IBPEP	N285702.37	W0815856.94	N2857.040	W08158.949
	RAVZE	N285310.97	W0820235.33	N2853.183	W08202.589
	RW13	N284943.77	W0814857.93	N2849.730	W08148.966

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW13	00074	55

CITY AND STATE
LEESBURG, FL

ELEVATION: 76 TDZE: 76
 AIRPORT NAME:
 LEESBURG INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG
 DATED: 06/08/2008

CHECK

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HADDE (IAF)	CURAY (FB)	356.87 / 2.83	2000	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 2200 DIRECT CUVGA AND VIA 262.80 TRACK TO HIVNI AND VIA 172.72 TRACK TO DEWYY AND VIA 082.74 TRACK TO OTK VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 301 TREE 304530N/0831814W CHART FAS OBST: 310 TOWER 304440N/0831624W DISTANCE TO THLD FROM 360 HAT: 0.97 NM. CHART VDP AT 0.97 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 88206 REFERENCE PATH ID: W35A
CURAY (IF)	KAGGE (FB)	352.84 / 6.10	2000	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT CURAY
- FAC: 352.83 FAF: KAGGE DIST FAF TO MAP: 5.41 THLD: 5.41
- MIN. ALT: CURAY 2000, KAGGE 2000, EDOPY/1.80 NM TO RW35 820*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2000 GS ALT AT: KAGGE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.7 34:1 IS NOT CLEAR
- MSA FROM: RW35 2200

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		STANDARD @								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	560	3/4	360	560	3/4	360	560	3/4	360	560	3/4	360			
LNAV/VNAV DA	598	3/4	398	598	3/4	398	598	3/4	398	598	3/4	398			
LNAV MDA	560	3/4	360	560	3/4	360	560	3/4	360	560	1	360			
CIRCLING	640	1	437	660	1	457	660	1 1/2	457	780	2	577			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING MOULTRIE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE VALDOSTA, GA	ELEVATION: 203 TDZE: 200 AIRPORT NAME: VALDOSTA RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED

QUALITY
5
CHECKED

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOULTRIE ALTIMETER SETTING AND INCREASE ALL DA 88 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL

CATS VISIBILITY 1/2 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE, INCREASE LNAV CATS A, B, AND C VISIBILITY TO 1 MILE, AND INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MOULTRIE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE AND LNAV CATS A AND B VISIBILITY TO 1 MILE.

CHART NOTE: VDP NA WHEN USING MOULTRIE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HADDE ON V579 SOUTHBOUND.

CITY AND STATE

VALDOSTA, GA

ELEVATION: 203 TDZE: 200

AIRPORT NAME:

VALDOSTA RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KVLD
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	304607.4820N
LTP/FTP LONGITUDE	0831616.1500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00330
FPAP LATITUDE	304725.6700N
FPAP LONGITUDE	0831630.7900W
THRESHOLD CROSSING HEIGHT (TCH)	00052.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B56F2D97

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00610
FPAP ORTHOMETRIC HEIGHT	+00610

CITY AND STATE

VALDOSTA, GA

ELEVATION: 203 TDZE: 200

AIRPORT NAME:

VALDOSTA RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KVLDPK7FR35	AHADDE	010HADDEK7EA0E	A	IF					18000			A JS	
SUSAP KVLDPK7FR35	AHADDE	020CURAYK7EA0EE		010TF		35670028		+ 02000				A JS	
SUSAP KVLDPK7FR35	R	010CURAYK7EA0E	I	IF				+ 02000	18000			A JS	
SUSAP KVLDPK7FR35	R	020KAGGEK7EA1E	F	051TF		35280061		+ 02000			RW35	K7PGA	JS
SUSAP KVLDPK7FR35	R	020KAGGEK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KVLDPK7FR35	R	021EDOPYK7EA0E	S	031TF		35280036		V 0082000829		-300		A JS	
SUSAP KVLDPK7FR35	R	030RW35	K7PGOGY	M 031TF		35280018		00253		-300		A JS	
SUSAP KVLDPK7FR35	R	040CUVGAK7EA0E	M	010DF								A JS	
SUSAP KVLDPK7FR35	R	050HIVNIK7EA0E		010TF		2628						A JS	
SUSAP KVLDPK7FR35	R	060DEWYK7EA0E		010TF		1727						A JS	
SUSAP KVLDPK7FR35	R	0700TK	K7D	0VY	010TF	0827		+ 02200				A JS	
SUSAP KVLDPK7FR35	R	0800TK	K7D	0VE	HR020HM	09000040		+ 02200				A JS	

[illegible]

CITY AND STATE VALDOSTA, GA	ELEVATION: 203 TDZE: 200 AIRPORT NAME: VALDOSTA RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 07 MAY 2009	SUP: AMDT: NONE DATED:
--------------------------------	--	------------------------------	---	------------------------------

QUALITY
6
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.

[illegible][illegible]

CITY AND STATE VALDOSTA, GA	ELEVATION: 203 TDZE: 200 AIRPORT NAME: VALDOSTA RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
5
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HADDE	HADDE	010	IAP	IF		FB				
	HADDE	CURAY	020		TF		FB	1.0	356.7(355T)	002.8	02000
		CURAY	010	PACF	IF		FB				02000
		KAGGE	020	PAF	TF		FB	0.5	352.8(351T)	006.1	02000
		EDOPY	021	SDF	TF		FB	0.3	352.8(351T)	003.6	0082000829
		RW35	030	MAP	TP		PO	0.3	352.8(351T)	001.8	00253

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUVGA	040		DF		FB	1.0			
	HIVNI	050		TF		FB	1.0	262.8(261T)		
	DEWYY	060		TF		FB	1.0	172.7(171T)		
	OTK	070		TF		PO	1.0	082.7(081T)		02200
	OTK	080		HM	R	PO	2.0	090.0(088T)	004.0	02200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OTK	N304649.60	W0831647.02	N3046.827	W08316.784
	CURAY	N303444.13	W0831408.52	N3034.736	W08314.142
	CUVGA	N305807.99	W0831831.25	N3058.133	W08318.521
	DEWYY	N304535.63	W0832534.51	N3045.594	W08325.575
	EDOPY	N304420.62	W0831556.16	N3044.344	W08315.936
	HADDE	N303154.46	W0831350.21	N3031.908	W08313.837
	HIVNI	N305650.75	W0832742.25	N3056.846	W08327.704
	KAGGE	N304046.56	W0831516.15	N3040.776	W08315.269
	RW35	N304607.48	W0831616.15	N3046.125	W08316.269

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00200	53

CITY AND STATE
VALDOSTA, GA

ELEVATION: 203 TDZE: 200
 AIRPORT NAME:
VALDOSTA RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
07 MAY 2009

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - 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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ALO VORTAC	IY NDB	331.35 / 37.56	3000	MAP: 5.94 MILES AFTER IY NDB CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 DIRECT IY NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.01 INBOUND. CHART FAS OBST: 1229 TREE 430558N/0923923W CHART 1325 TOWER 430801N/0924231W. IY NDB TO RW12: 2.92/40.

1. PT L SIDE OF COURSE 302.33 OUTBOUND 3000 FT WITHIN 10 MILES OF IY NDB (IAF)
 2. _____
 3. FAC 122.33 FAF IY NDB DIST FAF TO MAP 5.94 THLD 5.94
 4. MIN. ALT IY NDB 3000
 8. MSA FROM: IY NDB 020-270 3000, 270-020 3900

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-12	1480	1	360	1480	1	360		NA			NA				
CIRCLING	1560	1	435	1580	1	455		NA			NA				

NOTES:

CHART NOTE: ADF REQUIRED.
 CHART PLANVIEW NOTE: ADF REQUIRED.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE CHARLES CITY, IA	ELEVATION: 1125 TDZE: 1120	FACILITY IDENTIFIER: I-YY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC RWY 12, ORIG-F 07 MAY 2009	SUP
	AIRPORT NAME: NORTHEAST IOWA RGNL			AMDT ORIG-E
	DATE			01/15/2009

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 13, 17, 31 STANDARD.

RWY 35, STANDARD WITH A MINIMUM CLIMB OF 250 FT PER NM TO 4200, OR 1400-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 31-CLIMB VIA HEADING 309.69 TO 2000 BEFORE TURNING EAST.

RWY 35-FOR CLIMB IN VISUAL CONDITIONS: CROSS SIOUX GATEWAY/COL BUD DAY FIELD AT OR ABOVE 2300 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 13, TREES BEGINNING 2042' FROM DER, 899' RIGHT OF CENTERLINE, UP TO 100' AGL/1189' MSL.
NOTE: RWY 31, TREES BEGINNING 2885' FROM DER, 122' LEFT OF CENTERLINE, UP TO 82' AGL/1171' MSL. TREES BEGINNING 3100' FROM DER, 431' RIGHT OF CENTERLINE, UP TO 100' AGL/1174' MSL.
NOTE: RWY 35, TREES BEGINNING 795' FROM DER, 161' LEFT OF CENTERLINE, UP TO 100' AGL/1194' MSL. TREES BEGINNING 473' FROM DER, 229' RIGHT OF CENTERLINE, UP TO 100' AGL/1194' MSL.

(4) CONTROLLING OBSTACLES:

RWY 31: 3369 MSL TOWER 423512.00N-0961358.00W.

RWY 35: 2395 MSL TOWER 423053.00N-0961816.00W, 3369 MSL TOWER 423512.00N-0961358.00W.

VCOA: 1497 MSL TOWER 422225.00N-0962654.00W, 3369 MSL TOWER 423512.00N-0961358.00W.

(5) City, State

SIOUX CITY, IA

(6) Airport

SIOUX GATEWAY/COL BUD DAY FIELD

(7) Effective Date

07 MAY 2009

(8) Amdt. No.

AMDT 3

GRAPHIC DEPARTURE PROCEDURE (DP)



OBSTACLE



SID



RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

TAKEOFF RWY 16: CLIMB TO 9600 DIRECT IOM NDB AND VIA IOM NDB 150 BEARING THEN CLIMBING RIGHT TURN TO 10,400 DIRECT DNJ VORTAC, CONTINUE CLIMB-IN-HOLD TO 10,400 BEFORE PROCEEDING ON COURSE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

NOTE: ADF REQUIRED.

TAKEOFF MINIMUMS:

RWY 34 - NA - OBSTACLES.

RWY 16 - 200 - 1 OR STANDARD WITH MINIMUM CLIMB OF 362' PER NM TO 5300.

(4) Takeoff Obstacle Notes:NOTE: RWY 16, TREES BEGINNING 291' FROM DER, 550' LEFT OF CENTERLINE, UP TO 101' AGL/5180' MSL. POLE 3083' FROM DER, 1271' RIGHT OF CENTERLINE, 34' AGL/5113' MSL. POLE 4218' FROM DER, 521' LEFT OF CENTERLINE, 29' AGL/5128' MSL. SHRUB 63' FROM DER, 289' LEFT OF CENTERLINE, 7' AGL/5013' MSL. BLDG 1066' FROM DER, 524' RIGHT OF CENTERLINE, 36' AGL/5035' MSL. (CONT'D)

(5) Controlling Obstacles:

RWY 16: 5180 TREE 445212.61N-1160545.43W, 5159 TREE 445208.41N-1160542.74W, 8439 AAO 445036.00N-1155730.00W

(6) Fixes and/or NAVAID'S :

(7) DP Name MCCALL	(8) Number ONE	(9) DP Computer Code MCCAL1.MCCAL	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 07 MAY 2009
-----------------------	-------------------	--------------------------------------	--------------------------------	------------	------------------------------------

QUALITY
CHECKED

(13) Airports Served					
Airport Name		MC CALL MUNICIPAL			
		City/State MC CALL, ID			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
Airport Name		City/State			
(14) Lost Communications Procedures:					
(15) Communications: ASOS, BOI FSS, ZLC					
(16) Additional Flight Data: CHART HOLDING AT DNJ VORTAC, HOLD SE, RT, 311.80 INBOUND.					
(17) Continuation: TAKEOFF OBSTACLE NOTES (CONT'D): TERRAIN BEGINNING 1832' FROM DER, 445' LEFT OF CENTERLINE, UP TO 5079' MSL. TERRAIN BEGINNING 1236' FROM DER, 159' RIGHT OF CENTERLINE, UP TO 5097' MSL.					
(7) DP Name MCCALL		(8) Number ONE	(9) DP Computer Code MCCAL1.MCCAL	(10) Superseded Number NONE	(11) Dated
					(12) Effective Date 07 MAY 2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PIH VORTAC	BARSE (FO)	031.75 / 19.43	7800	LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 7000 DIRECT HUMBA AND VIA 273.06 TRACK TO SICQY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 088.97 INBOUND. CHART FAS OBST: 4486 ROD ON OL WDI 425511N/1123420W CHART FAS OBST: 4494 TREE 425645N/1123230W CHART: 4720 TOWER 425747N/1123002W. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 0.88 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 78212 REFERENCE PATH ID: W21A
IDA VOR/DME (IAF)	BARSE (NOPT) (FB)	191.22 / 28.03	7800	
BARSE (IF/IAF)	CUPTA (FB)	211.14 / 5.00	7000	
CUPTA	HESNO (FB)	211.09 / 5.36	6000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE BARSE, RT, 211.14 INBOUND, 7800 FT. IN LIEU OF PT (IAF)
3. FAC: 211.03 FAF: HESNO DIST FAF TO MAP: 4.64 THLD: 4.64
4. MIN. ALT: BARSE 7800, CUPTA 7000, HESNO 6000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 6000 GS ALT AT: HESNO OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS CLEAR
8. MSA FROM: RW21 10700

MAG VAR: 14E EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A	STANDARD @							
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4652	2400	200	4652	2400	200	4652	2400	200	4652	2400	200			
LNAV/VNAV DA	4797	4000	345	4797	4000	345	4797	4000	345	4797	4000	345			
LNAV MDA	4780	2400	328	4780	2400	328	4780	2400	328	4780	5000	328			
CIRCLING	4820	1	368	4920	1	468	4920	1 1/2	468	5020	2	568			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D.
 CHART NOTE: FOR INOPERATIVE MALSR WHEN USING IDAHO FALLS ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-8F) OR ABOVE 39C
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE POCATELLO, ID	ELEVATION: 4452 TDZE: 4452 AIRPORT NAME: POCATELLO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-B DATED 12/25/2002
---------------------------------	---	------------------------------	--	--



**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

(102F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIH VORTAC VIA AIRWAY RADIALS 358 CW 016.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IDA VOR/DME VIA AIRWAY RADIALS 199 CW 233.

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

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING IDAHO FALLS ALTIMETER SETTING.

CHART NOTE: CIRCLING NA SOUTHEAST OF RWY 3-21.

CHART NOTE: CIRCLING NA AT NIGHT TO RWY 17-35.

CITY AND STATE

POCATELLO, ID

ELEVATION: 4452 TDZE: 4452

AIRPORT NAME:

POCATELLO RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-B

DATED: 12/25/2003

QUALITY
6
CHECKED

**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIH
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	425509.4425N
LTP/FTP LONGITUDE	1123436.7770W
LTP/FTP ELLIPSOIDAL HEIGHT	+13426
FPAP LATITUDE	425406.1500N
FPAP LONGITUDE	1123602.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.00
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

D9B14512

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+13556
FPAP ORTHOMETRIC HEIGHT	+13556

CITY AND STATE

POCATELLO, ID

ELEVATION: 4452 TDZE: 4452

AIRPORT NAME:

POCATELLO RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 1

07 MAY 2009

SUP:

AMDT:

ORIG-B

DATED:

12/25/2003

QUALITY
6
7-11-2003

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

[illegible]

SUP:	
AMDT:	ORIG-B
DATED:	12/25/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

SUSAP KPIHK1GRW21 0090602110 N42550944W112343678-0100 +1342604448000056150I

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPIHK1PR21 RW21 001 0000W21A0N4255094425W11234367770+134260300N4254061500W11236028000107000000000560P400350D9B14512
SUSAP KPIHK1PR21 RW21 002E +13556+13556LPV 78212 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPIHK1SRW21 K1PG 0 18018010725

M

CITY AND STATE
POCATELLO, ID

ELEVATION: 4452 TDZE: 4452
AIRPORT NAME:

POCATELLO RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-B

DATED: 12/25/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IDA	IDA	010	IAP	IF		FB				
	IDA	BARSE	020		TF		FB	1.0	191.2(205T)	028.0	07800
	PIH	PIH	010		IF		FB				
	PIH	BARSE	020	IAP	TF		FO	2.0	031.8(046T)	019.4	07800
	PIH	BARSE	030		HF	R	FO		211.1(225T)	007.0	07800
		BARSE	010	FACF	IF		FB				07800
		CUPTA	011	SDF	TF		FB	0.5	211.1(225T)	005.0	07000
		HESNO	020	FAF	TF		FB	0.5	211.1(225T)	005.4	06000
		RW21	030	MAP	TF		FO	0.3	211.0(225T)	004.6	04504

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HUMBA	040		DF		FB	1.0			
	SICOY	050		TF		FO	1.0	273.1(287T)		07000
	SICOY	060		HM	R	FO	2.0	089.0(103T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IDA	N433108.42	W1120350.10	N4331.140	W11203.835
	PIH	N425213.38	W1123908.05	N4252.223	W11239.134
	BARSE	N430545.30	W1122008.48	N4305.755	W11220.141
	CUPTA	N430213.55	W1122458.47	N4302.226	W11224.975
	HESNO	N425826.30	W1123008.77	N4258.438	W11230.146
	HUMBA	N425158.72	W1123855.77	N4251.979	W11238.930
	SICOY	N425457.79	W1125213.06	N4254.963	W11252.218
	RW21	N425509.44	W1123436.78	N4255.157	W11234.613

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	04448	56

CITY AND STATE
POCATELLO, IDELEVATION: 4452 TDZE: 4452
AIRPORT NAME:

POCATELLO RGNL

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-B

DATED: 12/25/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27	Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.
---	---

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.18 MILES AFTER STRIK LOM OR AT TWF 0.82 DME FIX
TWF VORTAC	STRIK LOM/TWF 6.00 DME	072.64 / 6.00	7200	CLIMB TO 4800 THEN CLIMBING RIGHT TURN TO 6000 DIRECT STRIK LOM AND HOLD.
MALTT INT (IAF)	GABBY INT/TWF 17.01 DME (NOPT)	253.09 / 17.48 (TWF R-073)	7400	
BYI VOR/DME (IAF)	GABBY INT/TWF 17.01 DME (NOPT)	221.19 / 12.44	6100	ADDITIONAL FLIGHT DATA: HOLD E, RT, 255.42 INBOUND. CHART FAS OBST: 4369 TREE 422713N/1142817W TW LOM TO RW25: 3.26/55.
GABBY INT/TWF 17.01 DME (IF)	STRIK LOM	255.43 / 11.01	6000	

1. PT <u>L</u> SIDE OF COURSE <u>075.42</u> OUTBOUND <u>7000</u> FT WITHIN <u>10</u> MILES OF <u>STRIK LOM</u> (IAF)	
2. _____	
3. FAC <u>255.42</u> FAF <u>STRIK LOM</u>	DIST FAF TO MAP <u>5.18</u> THLD <u>5.18</u>
4. MIN. ALT <u>TW LOM 6000</u>	
8. MSA FROM: <u>TW LOM 040-160 9300, 160-250 9000, 250-040 6300</u>	
MAG VAR: 16E EPOCH YEAR: 1985	

MINIMUMS																
TAKEOFF:		STANDARD	X	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-25		4680	3/4	526	4680	3/4	526	4680	1	526	4680	1 1/2	526			
CIRCLING		4680	1	526	4720	1	566	4740	1 1/2	586	4800	2	646			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JEROME ALTIMETER SETTING AND INCREASE ALL MDA 60FT AND VISIBILITY CIRCLING CATS C AND D 1/4 MILE.

CITY AND STATE TWIN FALLS, ID	ELEVATION: 4154 TDZE: 4154	FACILITY IDENTIFIER: TW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 25, AMDT 6 07 MAY 2009	SUP NDB OR GPS RWY 25
	AIRPORT NAME: JOSLIN FIELD - MAGIC VALLEY RGNL			AMDT 5B
				DATE 12/18/1986

QUALITY

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
KINZE	SECAR (FB)	195.04 / 30.53	7100	LPV: DA LNAV/VNAV: DA LNAV: RW07 CLIMB TO 6000 DIRECT YOYUN AND VIA 345.37 TRACK TO ZUPNU AND VIA 276.84 TRACK TO SECAR AND HOLD.								
YIKUK	JEDBU (FB)	352.16 / 20.33	10000									
TWF VORTAC	WIDUG (FO)	255.64 / 12.31	7000	ADDITIONAL FLIGHT DATA: HOLD NW, LT, 115.06 INBOUND. FAS OBST: 4279 TREE 422817N/1143123W FAS OBST: 4369 TREE 422802N/1143633W 4429 TREE 422800N/1143804W. DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 1.31 MILES TO RW07* *LNAV ONLY. WAAS CHANNEL # 40211 REFERENCE PATH ID: W07A								
SECAR (IAF)	WIDUG (NOPT) (FB)	169.98 / 9.59	6500									
JEDBU (IAF)	WIDUG (NOPT) (FB)	352.20 / 10.00	6500									
WIDUG (IF/IAF)	YEGUR (FB)	075.12 / 6.14	6000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W WIDUG, RT, 075.12 INBOUND, 6500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>075.22</u> FAF: <u>YEGUR</u> DIST FAF TO MAP: <u>5.56</u> THLD: <u>5.56</u> 4. MIN. ALT: <u>WIDUG 6500, YEGUR 6000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>6000</u> GS ALT AT: <u>YEGUR</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.5</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW07 9300</u>				MAG VAR: 16E EPOCH YEAR: 1985								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4399	3/4	250	4399	3/4	250	4399	3/4	250	4399	3/4	250
LNAV/VNAV DA	4668	1 3/4	519	4668	1 3/4	519	4668	1 3/4	519	4668	1 3/4	519
LNAV MDA	4620	1	471	4620	1	471	4620	1 1/4	471	4620	1 1/2	471
CIRCLING	4680	1	526	4720	1	566	4740	1 1/2	586	4800	2	646
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING JEROME ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 40C (104F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 4154 TDZE: 4149		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
TWIN FALLS, ID		AIRPORT NAME:				RNAV (GPS) RWY 7, ORIG		AMDT: NONE				
		JOSLIN FIELD - MAGIC VALLEY RGNL				07 MAY 2009.		DATED				

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JEROME ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS, AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING JEROME ALTIMETER SETTING

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KINZE VIA V330 NORTHEAST BOUND.

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4149

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KTWf
RUNWAY RW07
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W07A
LTP/FTP LATITUDE 422852.5430N
LTP/FTP LONGITUDE 1143011.5985W
LTP/FTP ELLIPSOIDAL HEIGHT +12478
FPAP LATITUDE 422850.5000N
FPAP LONGITUDE 1142811.2200W
THRESHOLD CROSSING HEIGHT (TCH) 00057.5
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 108.75
LENGTH OFFSET 0096
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

259D4041

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +12631
FPAP ORTHOMETRIC HEIGHT +12631

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4149

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible][illegible]

CITY AND STATE TWIN FALLS, ID	ELEVATION: 4154 TDZE: 4149 AIRPORT NAME: JOSLIN FIELD - MAGIC VALLEY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO/EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED:

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

SUSAP	KTWFK1FR07	R	050ZUPNUK1EA0E	010TF	3454		A JS
SUSAP	KTWFK1FR07	R	060SECARK1EA0EY	010TF	2768	+ 06000	A JS
SUSAP	KTWFK1FR07	R	070SECARK1EA0EE	HL020HM	11510060	+ 06000	A JS

[illegible][illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KINZE	KINZE	010		IF		FB				
	KINZE	SECAR	020	IAF	TF		FB	2.0	195.0 (211T)	030.5	07100
	KINZE	WIDUG	030		TF		FB	1.0	170.0 (186T)	009.6	06500
	TWF	TWF	010		IF		FB				
	TWF	WIDUG	020	IAF	TF		FO	2.0	255.6 (272T)	012.3	07000
	TWF	WIDUG	030		HF	R	FO		075.1 (091T)	007.0	06500
	YIKUK	YIKUK	010		IF		FB				
	YIKUK	JEDBU	020	IAF	TF		FB	2.0	352.2 (008T)	020.3	10000
	YIKUK	WIDUG	030		TF		FB	1.0	352.2 (008T)	010.0	06500
		WIDUG	010	FACF	IF		FB				06500
		YEGUR	020	FAF	TF		FB	0.5	075.1 (091T)	006.1	06000
		RW07	030	MAP	TF		FO	0.3	075.2 (091T)	005.6	04202

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YOYUN	040		DF		FB	1.0			
	ZUPNU	050		TF		FB	1.0	345.4 (001T)		
	SECAR	060		TF		FO	1.0	276.8 (293T)		06000
	SECAR	070		HM	L	FO	2.0	115.1 (131T)	006.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TWF	N422847.40	W1142922.00	N4228.790	W11429.367
	JEDBU	N421913.32	W1144755.77	N4219.222	W11447.930
	KINZE	N430451.80	W1142319.23	N4304.863	W11423.321
	SECAR	N423839.75	W1144439.12	N4238.663	W11444.652
	WIDUG	N422907.38	W1144600.13	N4229.123	W11446.002
	YEGUR	N422859.87	W1143742.49	N4228.998	W11437.708
	YIKUK	N415905.16	W1145149.12	N4159.086	W11451.819
	YOYUN	N422846.25	W1142406.82	N4228.771	W11424.114
	ZUPNU	N423216.26	W1142400.03	N4232.271	W11424.001
	RW07	N422852.54	W1143011.60	N4228.876	W11430.193

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	04144	58

CITY AND STATE
TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4149
 AIRPORT NAME:
 JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPB) RWY 7, ORIG
 07 MAY 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
KINZE	HAZZL (FB)	136.09 / 29.76	7100	LPV: DA LNAV/VNAV: DA LNAV: RW25
SAMAN	SOREE (FO)	041.68 / 24.06	8300	
TWF VORTAC	SOREE (FO)	074.99 / 13.00	7100	CLIMB TO 6000 DIRECT UCUVU AND VIA 300.98 TRACK TO SECAR AND HOLD.
HAZZL (IAF)	SOREE (NOPT) (FB)	192.61 / 11.37	7100	
MALTT (IAF)	GABBY (NOPT) (FB)	255.62 / 17.48	7600	ADDITIONAL FLIGHT DATA: HOLD NW, LT, 115.08 INBOUND. CHART FAS OBST: 4249 TREE 422826N/1142816W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.11 MILES TO RW25* *LNAV ONLY. WAAS CHANNEL # 56311 REFERENCE PATH ID: W25A
DRYAD (IAF)	ZUROV (NOPT) (FB)	317.94 / 14.03	8700	
GABBY	SOREE (FB)	255.69 / 4.01	7100	
SEE 8260-10				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E SOREE, RT, 255.50 INBOUND, 7100 FT. IN LIEU OF PT (IAF)
3. FAC: 255.41 FAF: VUPCU DIST FAF TO MAP: 5.85 THLD: 5.85
4. MIN. ALT: SOREE 7100, VUPCU 6100
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 6100 GS ALT AT: VUPCU OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 55.2 34:1 IS CLEAR
8. MSA FROM: RW25 9300

MAG VAR: 16E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: <u> </u>	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4354	1/2	200	4354	1/2	200	4354	1/2	200	4354	1/2	200			
LNAV/VNAV DA	4531	3/4	377	4531	3/4	377	4531	3/4	377	4531	3/4	377			
LNAV MDA	4560	1/2	406	4560	1/2	406	4560	3/4	406	4560	1	408			
CIRCLING	4680	1	526	4720	1	566	4740	1 1/2	586	4800	2	646			

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING JEROME ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 40C (104F).

CHART NOTE: DME/DME RNP-0.3 NA.

SEE 8260-10

CITY AND STATE	ELEVATION: 4154 TDZE: 4154	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TWIN FALLS, ID	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 25, ORIG	AMDT: NONE
	JOSLIN FIELD - MAGIC VALLEY RGNL		07 MAY 2009	DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUROV	SOREE (FB)	317.85 / 6.30	7100
SOREE (IF/AF)	VUPCU (FB)	255.50 / 6.33	6100

NOTES CONT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV VISIBILITY CAT D TO 1 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JEROME ALTIMETER SETTING AND INCREASE ALL DA/MDA 60FT AND ALL VISIBILITIES 3/4 MILE.

CHART NOTE: WHEN USING JEROME ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY.

CHART NOTE: VDP NA WHEN USING JEROME ALTIMETER SETTING

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MALTT VIA V101 SOUTHEAST BOUND.

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4154

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTWF
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	422850.5745N
LTP/FTP LONGITUDE	1142815.5040W
LTP/FTP ELLIPSOIDAL HEIGHT	+12502
FPAP LATITUDE	422852.8200N
FPAP LONGITUDE	1143028.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00055.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0392
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

1285EC2A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+12655
FPAP ORTHOMETRIC HEIGHT	+12655

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4154

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

07 MAY 2009

SUP:

AMD'T: 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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTWFK1FR25	ADRYAD	010	DRYADK1EA0E	A	IF				18000		A	JS
SUSAP	KTWFK1FR25	ADRYAD	020	ZUROVK1EA0E		010TF	31790140	+	08700			A	JS
SUSAP	KTWFK1FR25	ADRYAD	030	SOREEK1EA0EE		010TF	31790065	+	07100			A	JS
SUSAP	KTWFK1FR25	AKINZE	010	KINZEK1EA0E		IF				18000		A	JS
SUSAP	KTWFK1FR25	AKINZE	020	HAZZLK1EA0E	A	020TF	13610298	+	07100			A	JS
SUSAP	KTWFK1FR25	AKINZE	030	SOREEK1EA0EE		010TF	19260114	+	07100			A	JS
SUSAP	KTWFK1FR25	AMALTT	010	MALTTK1EA0E	A	IF				18000		A	JS
SUSAP	KTWFK1FR25	AMALTT	020	GABBYK1EA0E		010TF	25560175	+	07600			A	JS
SUSAP	KTWFK1FR25	AMALTT	030	SOREEK1EA0EE		010TF	25570040	+	07100			A	JS
SUSAP	KTWFK1FR25	ASAMAN	010	SAMANK1EA0E		IF				18000		A	JS
SUSAP	KTWFK1FR25	ASAMAN	020	SOREEK1EA0EY	A	020TF	04170241	+	08300			A	JS

CITY AND STATE TWIN FALLS, ID	ELEVATION: 4154 TDZE: 4154 AIRPORT NAME: JOSLIN FIELD - MAGIC VALLEY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED:

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

SUSAP	KTWFK1FR25	ASAMAN	030SOREEK1EA0EB	CR	HF	25550070	+	07100			A	JS
SUSAP	KTWFK1FR25	ATWF	010TWF	K1D	OV	IF			18000		A	JS
SUSAP	KTWFK1FR25	ATWF	020SOREEK1EA0EY	A	020TF	07500130	+	07100			A	JS
SUSAP	KTWFK1FR25	ATWF	030SOREEK1EA0EB	CR	HF	25550070	+	07100			A	JS
SUSAP	KTWFK1FR25	R	010SOREEK1EA0E	I	IF		+	07100	18000		A	JS
SUSAP	KTWFK1FR25	R	020VUPCUK1EA1E	F	051TF	25550063	+	06100		RW25	K1PGA	JS
SUSAP	KTWFK1FR25	R	020VUPCUK1EA2WALPV		ALNAV/VNAV	ALNAV						JS
SUSAP	KTWFK1FR25	R	030RW25	K1PGOGY	M	031TF	25540059		04207	-300	A	JS
SUSAP	KTWFK1FR25	R	040UCUVUK1EA0E	M	010DP						A	JS
SUSAP	KTWFK1FR25	R	050SECARK1EA0EY		010TF	3010	+	06000			A	JS
SUSAP	KTWFK1FR25	R	060SECARK1EA0EE	HL020HM		11510060	+	06000			A	JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAP KTWFKIGRW25	0087032553	N42285057W	114281550	-0100	+125020415	2000055150R							

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DRYAD	DRYAD	010	IAF	IF		FB				
	DRYAD	ZUROV	020		TF		FB	1.0	317.9 (334T)	014.0	08700
	DRYAD	SOREE	030		TF		FB	1.0	317.9 (334T)	006.5	07100
	KINZE	KINZE	010		IF		FB				
	KINZE	HAZZL	020	IAF	TF		FB	2.0	136.1 (152T)	029.8	07100
	KINZE	SOREE	030		TF		FB	1.0	192.6 (209T)	011.4	07100
	MALTT	MALTT	010	IAF	IF		FB				
	MALTT	GABBY	020		TF		FB	1.0	255.6 (272T)	017.5	07600
	MALTT	SOREE	030		TF		FB	1.0	255.7 (272T)	004.0	07100
	SAMAN	SAMAN	010		IF		FB				
	SAMAN	SOREE	020	IAF	TF		FO	2.0	041.7 (058T)	024.1	08300
	SAMAN	SOREE	030		HF	R	FO		255.5 (272T)	007.0	07100
	TWF	TWF	010		IF		FB				
	TWF	SOREE	020	IAF	TF		FO	2.0	075.0 (091T)	013.0	07100
	TWF	SOREE	030		HF	R	FO		255.5 (272T)	007.0	07100
		SOREE	010	FACF	IF		FB				07100
		VUPCU	020	FAF	TF		FB	0.5	255.5 (272T)	006.3	06100
		RW25	030	MAP	TF		FO	0.3	255.4 (271T)	005.9	04207

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UCUVU	040		DF		FB	1.0			
	SECAR	050		TF		FO	1.0	301.0 (317T)		06000
	SECAR	060		HM	L	FO	2.0	115.1 (131T)	006.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TWF	N422847.40	W1142922.00	N4228.790	W11429.367
	DRYAD	N421006.39	W1135937.06	N4210.107	W11359.618
	GABBY	N422825.59	W1140623.30	N4228.427	W11406.388
	HAZZL	N423831.80	W1140426.68	N4238.530	W11404.445
	KINZE	N430451.80	W1142319.23	N4304.863	W11423.321
	MALTT	N422758.37	W1134246.37	N4227.973	W11342.773
	SAMAN	N421543.03	W1143917.92	N4215.717	W11439.299
	SECAR	N423839.75	W1144439.12	N4238.663	W11444.652
	SOREE	N422832.55	W1141148.12	N4228.543	W11411.802
	UCUVU	N422854.65	W1143218.70	N4228.911	W11432.312
	VUPCU	N422842.21	W1142021.36	N4228.704	W11420.356
	ZUROV	N422242.40	W1140755.88	N4222.707	W11407.931
	RW25	N422850.57	W1142815.50	N4228.843	W11428.258

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4154

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

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

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW25	04152	55

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4154

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: TWF VORTAC
HOLIT INT/9.88 DME	TWF VORTAC	357.46 / 9.95	8300	CLIMB TO 6000 THEN LEFT TURN DIRECT TWF VORTAC AND HOLD.
CEEDY INT/20.16 DME	WODEN INT/13.00 DME	292.08 / 7.17 (TWF R-112)	10500	
WODEN INT/13.00 DME	TWF VORTAC	292.08 / 13.00	8900	
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 113.00 INBOUND. CHART FAS OBST: 4379 TREE 422742N/1143044W CHART VDP AT 1.99 DME; DISTANCE VDP TO THLD 1.38 MILES. FAC CROSSES RWY C/L EXTENDED 3007 FROM THLD.

1. PT R SIDE OF COURSE 257.01 OUTBOUND 6000 FT WITHIN 10 MILES OF TWF VORTAC (IAF)
 2. _____
 3. FAC 077.01 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT AZAJI/TWF 2.80 DME 4920*
 8. MSA FROM: TWF VORTAC 040-150 9300, 150-240 8800, 240-040 6200

MAG VAR: 18E EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	STANDARD	X	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-7	4920	1	771	4920	1 1/4	771	4920	2 1/4	771	4920	2 1/2	771			
CIRCLING	4920	1	766	4920	1 1/4	766	4920	2 1/4	766	4920	2 1/2	766			

AZAJI FIX MINIMUMS

S-7	4640	1	491	4640	1	491	4640	1 1/4	491	4640	1 1/2	491			
CIRCLING	4680	1	526	4720	1	566	4740	1 1/2	586	4800	2	646			

NOTES:

*4980 WHEN USING JEROME ALTIMETER SETTING
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JEROME ALTIMETER SETTING AND INCREASE
 ALL MDA 60FT AND VISIBILITY CAT C AND D 1/4 MILE.
 CHART NOTE: VDP NA WHEN USING JEROME ALTIMETER SETTING

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

CITY AND STATE TWIN FALLS, ID	ELEVATION: 4154 TDZE: 4149 AIRPORT NAME: JOSLIN FIELD - MAGIC VALLEY RGNL	FACILITY IDENTIFIER: TWF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 7, AMDT 4 07 MAY 2009	SUP VOR OR GPS RWY 7 AMDT 3A DATE 07/05/2007
---	--	------------------------------------	--	--

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - 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.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.24 MILES AFTER LAPPS OM/INT/ORD 5.78 DME OR AT 0.54 DME FIX CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 4000 DIRECT OBK VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 092.00 INBOUND. CHART FAS OBST: 804 ROD 415753N/0875602W LAPPS TO RW4L: 3.04/55 CHART: TDZE 658											
ELLYN/ORD 14.44 DME (IF)	KERBE INT/ORD 11.11 DME	042.49 / 3.33 (I-HNA)	4000												
KERBE INT/ORD 11.11 DME	LAPPS OM/INT/ORD 5.78 DME	042.49 / 5.33 (I-HNA)	2400												
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>PROFILE STARTS AT ELLYN/ORD 14.44 DME</u> 3. FAC <u>042.49</u> FAF <u>LAPPS OM/INT/ORD 5.78 DME</u> DIST FAF TO MAP <u>5.24</u> THLD <u>5.24</u> 4. MIN. ALT <u>ELLYN 5000, KERBE 4000, LAPPS OM 2400, RACCY/ORD 2.34 DME 1260</u> 8. MSA FROM: <u>ORD VOR/DME 3400</u>					MAG VAR: 3W EPOCH YEAR: 2010										
MINIMUMS															
TAKEOFF:	STANDARD	X	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-4L	1260	5000	602	1260	5000	602	1260	1 3/4	602	1260	2	602			
CIRCLING	1260	1	588	1260	1	588	1260	1 3/4	588	1260	2	588			
RACCY FIX MINIMUMS															
S-4L	1060	5000	402	1060	5000	402	1060	6000	402	1060	6000	402			
CIRCLING	1220	1	548	1220	1	548	1220	1 1/2	548	1240	2	568			
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED															
CITY AND STATE		ELEVATION: 672 TDZE: 658		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
CHICAGO, IL		AIRPORT NAME:		I-HNA		LOC RWY 4L, AMDT 21				AMDT 20B					
		CHICAGO-O'HARE INTL				07 MAY 2009				DATE FEB 12 2009					

 QUALITY
1
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - 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.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 4.30 MILES AFTER STOG LOM/I-OWD 5.08 DME OR AT I-OWD 0.78 DME FIX CLIMBING LEFT TURN TO 3000 VIA BOS VOR/DME R-240 TO MILIS INT/BOS 20.86 DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 3000; OR WHEN DIRECTED BY ATC, CLIMBING LEFT TURN VIA HEADING 270 AND GDM VOR/DME R-135 TO WHYBE INT AND HOLD SE, RT, 315.34 INBOUND. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 239.80 INBOUND. CHART FAS OBST: 319 TREE 420820N/0710840W 459 AAO 420713N/0710840W. CHART 198 TREE 420957N/0710917W. CHART IN PLANVIEW: WHYBE INT. STOG TO RW35: 2.87/40. DO NOT CHART ALTERNATE MA HOLDING AT WHYBE.							
PVD VORTAC (IAF)		CURLI INT/I-OWD 11.95 DME (NOPT)		057.00 / 23.91				2200									
CURLI INT/I-OWD 11.95 DME (IF)		STOG LOM/I-OWD 5.08 DME (NOPT)		349.77 / 6.87 (I-OWD)				1400									
1. PT <u>R</u> SIDE OF COURSE <u>169.77</u> OUTBOUND <u>2100</u> FT WITHIN <u>10</u> MILES OF <u>STOG LOM</u> (IAF) 2. _____ 3. FAC <u>349.77</u> FAF <u>STOG LOM/I-OWD 5.08 DME</u> DIST FAF TO MAP <u>4.30</u> THLD <u>4.30</u> 4. MIN. ALT <u>STOG LOM 1400, DIKEY/2.48 DME 580</u> 8. MSA FROM: <u>OW LOM 100-190 1900, 190-100 2500</u>														MAG VAR: 15W		EPOCH YEAR: 1980	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-35	580	3/4	531	580	3/4	531	580	1 1/2	531	580	1 3/4	531					
CIRCLING	600	1	551	600	1	551	640	1 1/2	591	680	2	631					
DIKEY FIX MINIMUMS																	
S-35	500	3/4	451	500	3/4	451	500	1 1/4	451	500	1 1/2	451					
CIRCLING	600	1	551	600	1	551	640	1 1/2	591	680	2	631					
NOTES: CHART NOTE: CIRCLING TO RWY 10/28 NA AT NIGHT. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CAT C. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PVD VORTAC VIA V139-151 WESTBOUND.																	
CITY AND STATE NORWOOD, MA				ELEVATION: 49 TDZE: 49 AIRPORT NAME: NORWOOD MEMORIAL				FACILITY IDENTIFIER: I-OWD		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC RWY 35, AMDT 10A 07 MAY 2009				SUP AMDT 10 DATE 07/05/2007			

 QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: RYS NDB CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 2400 DIRECT RYS NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 043.00 INBOUND. CHART FAS OBST: 706 TANK 420334N/0831235W CHART 1080 TOWER 415726N/0831530W. FAC CROSSES RWY C/L EXTENDED 2554 FROM THLD.					
CRL VORTAC	RYS NDB	079.73 / 13.98	2400						
1. PT <u>R</u> SIDE OF COURSE <u>224.32</u> OUTBOUND <u>2400</u> FT WITHIN <u>10</u> MILES OF <u>RYS NDB</u> (IAF) 2. _____ 3. FAC <u>044.32</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>AHLES INT 1500*</u> 8. MSA FROM: <u>RYS NDB 090-180 2400, 180-090 3100</u>					MAG VAR: 7W EPOCH YEAR: 2010				
MINIMUMS									
TAKEOFF:	STANDARD	X	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
S-4	1500	1 1/4	910	1500	1 1/4	910	1500	2 3/4	910
CIRCLING	1500	1 1/4	909	1500	1 1/4	909	1500	2 3/4	909
AHLES FIX MINIMUMS									
S-4	1140	1	550	1140	1	550	1140	1 1/2	550
CIRCLING	1460	1	869	1460	1 1/4	869	1460	2 1/2	869
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. INCREASE AHLES FIX MINIMUMS CIRCLING CAT A, C, AND D VISIBILITIES 1/4 MILE. * 1540 WHEN USING DETROIT METROPOLITAN WAYNE COUNTY ALTIMETER SETTING.									
CITY AND STATE		ELEVATION: 591 TDZE: 590		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP NDB OR GPS RWY	
DETROIT/GROSSE ILE, MI		AIRPORT NAME:		RYS		NDB RWY 4, AMDT 2		4	
		GROSSE ILE MUNI				07 MAY 2009		AMDT 1A	
								DATE 10/25/2007	

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW04 CLIMB TO 2400 DIRECT UFDIV AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.43 INBOUND. CHART FAS OBST: 689 TREE 420520N/0830913W CHART 706 TANK 420334N/0831235W. MONLE TO RW04: 3.04/40.	
HARBS (IAF)	AMXUX (NOPT) (FB)	045.25 / 20.90	2400		
STIEN (IAF)	AMXUX (NOPT) (FB)	127.24 / 7.28	2400		
AMXUX (IF/IAF)	MONLE (FB)	037.25 / 6.10	2200		

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD SW AMXUX, RT, 037.25 INBOUND, 2400 FT. IN LIEU OF PT (IAF)	
3. FAC: 037.29 FAF: MONLE	DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: AMXUX 2400, MONLE 2200, STRGN/1.80 NM TO RW04 1180	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____	150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____	OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR	
8. MSA FROM: RW04 3100	

MAG VAR: 7W
EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF: _____	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A			@ _____								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	940	1	350	940	1	350	940	1	350	940	1 1/4	350			
CIRCLING	1460	1	869	1460	1 1/4	869	1460	2 1/2	869	1460	2 3/4	869			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STIEN VIA V426 NORTH BOUND AND AT HARPS VIA V493 SOUTH BOUND.
 SEE 8260-10

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

CITY AND STATE	ELEVATION: 591 TDZE: 590	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT/GROSSE ILE, MI	AIRPORT NAME:		RNAV (GPS) RWY 4, ORIG	AMDT: NONE
	GROSSE ILE MUNI		07 MAY 2009	DATED

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY
ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND CIRCLING VISIBILITIES CAT A, C, AND D 1/4
MILE.**

CITY AND STATE

DETROIT/GROSSE ILE, MI

ELEVATION: 591 TDZE: 590

AIRPORT NAME:

GROSSE ILE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED: 02

QUALITY
CHECKED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KONZK5FR04	AAMXUX	010AMXUKX5EA0EE	CR	HF			03730040	+	02400	18000		B JS	
SUSAP KONZK5FR04	AHARBS	010HARBSK5EA0E	A	IF						18000		B JS	
SUSAP KONZK5FR04	AHARBS	020AMXUKX5EA0EE		010TF			04530209	+	02400			B JS	
SUSAP KONZK5FR04	ASTIEN	010STIENK5EA0E	A	IF						18000		B JS	
SUSAP KONZK5FR04	ASTIEN	020AMXUKX5EA0EE		010TF			12720073	+	02400			B JS	
SUSAP KONZK5FR04	R	010AMXUKX5EA0E	I	IF				+	02400	18000		B JS	
SUSAP KONZK5FR04	R	020MONLEK5EA1E	F	051TF			03730061	+	02200		RW04	K5PGB	JS
SUSAP KONZK5FR04	R	020MONLEK5EA2WN			N	ALNAV							JS
SUSAP KONZK5FR04	R	021STRGNK5EA0E	S	031TF			03730031	V	0118001201		-304	B JS	
SUSAP KONZK5FR04	R	030RW04	K5PGOGY	M	031TF		03730018		00617		-304	B JS	
SUSAP KONZK5FR04	R	040UFDIVCYEA0EYM		DF				+	02400			B JS	
SUSAP KONZK5FR04	R	050UFDIVCYEA0EE		HR020HM			21740040	+	02400			B JS	

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

QUALITY
CHECKED

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

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

SUSAP KONZK5SRW04 K5PG

0 18018003125

M

CITY AND STATE

DETROIT/GROSSE ILE, MI

ELEVATION: 591

TDZE: 590

AIRPORT NAME:

GROSSE ILE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

04/11/09
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AMXUX	AMXUX	010		HF	R	FB		037.3 (030T)	004.0	02400
	HARBS	HARBS	010	IAP	IF		FB				
	HARBS	AMXUX	020		TF		FB	1.0	045.3 (038T)	020.9	02400
	STIEN	STIEN	010	IAP	IF		FB				
	STIEN	AMXUX	020		TF		FB	1.0	127.2 (120T)	007.3	02400
		AMXUX	010	FACF	IF		FB				02400
		MONLE	020	PAF	TF		FB	0.5	037.3 (030T)	006.1	02200
		STRGN	021	SDF	TF		FB	0.3	037.3 (030T)	003.1	0118001201
		RW04	030	MAP	TF		FO	0.3	037.3 (030T)	001.8	00617

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UPDIV	040		DF		FO				02400
	UPDIV	050		HM	R	FO	2.0	217.4 (210T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	UPDIV	N421541.37	W0830147.48	N4215.690	W08301.791
	AMXUX	N415605.92	W0831711.11	N4156.099	W08317.185
	HARBS	N413942.08	W0833431.02	N4139.701	W08334.517
	MONLE	N420121.96	W0831303.90	N4201.366	W08313.065
	STIEN	N415946.42	W0832537.04	N4159.774	W08325.617
	STRGN	N420402.81	W0831057.78	N4204.047	W08310.963
	RW04	N420536.07	W0830944.56	N4205.601	W08309.743

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00577	40

CITY AND STATE

DETROIT/GROSSE ILE, MI

ELEVATION: 591 TDZE: 590

AIRPORT NAME:

GROSSE ILE MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW22
LLEEO	YEGHI (FB)	335.59 / 26.52	3000	CLIMB TO 2400 DIRECT AMXUX AND HOLD.
HARBS	UFDIV (FO)	040.98 / 43.48	3000	
YEGHI (IAF)	UFDIV (NOPT) (FB)	307.40 / 5.00	2400	
UFDIV (IF/IAF)	WQSU (FB)	217.43 / 6.10	2200	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 037.25 INBOUND. CHART FAS OBST: 704 TREE 420752N/0830832W CHART 1060 TOWER 420909N/0830550W WQSU TO RW22: 3.04/40

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE UFDIV, RT, 217.43 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
- FAC: 217.38 FAF: WQSU DIST FAF TO MAP: 4.86 THLD: 4.86
- MIN. ALT: UFDIV 2400, WQSU 2200, STEFI/2.40 NM TO RW22 1400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW22 3100

MAG VAR: 7W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A			@								
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		960	1	369	960	1	369	960	1	369	960	1 1/4	369			
CIRCLING		1460	1	869	1460	1 1/4	869	1460	2 1/2	869	1460	2 3/4	869			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HARBS VIA V493 SOUTH BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY
SEE 8260-10

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

CITY AND STATE DETROIT/GROSSE ILE, MI	ELEVATION: 591 TDZE: 591 AIRPORT NAME: GROSSE ILE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-A DATED 08/10/2000
--	--	---------------------------------	--	--

QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.

ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. INCREASE LNAV CAT C AND CIRCLING CAT A, C, AND D VISIBILITIES 1/4 MILE.

CITY AND STATE

DETROIT/GROSSE ILE, MI

ELEVATION: 591 TDZE: 591

AIRPORT NAME:

GROSSE ILE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 08/10/2008

2
RECEIVED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KONZK5FR22	AHARBS	010HARBSK5EA0E	IF							18000		0 JS	
SUSAP KONZK5FR22	AHARBS	020UFDIVCYEA0EY	A 020TF			04100435		+ 03000				0 JS	
SUSAP KONZK5FR22	AHARBS	030UFDIVCYEA0EB	CR HF			21740040		+ 02400				0 JS	
SUSAP KONZK5FR22	ALLEEO	010LLEEOCYEA0E	IF							18000		0 JS	
SUSAP KONZK5FR22	ALLEEO	020YEGHICYEA0E	A 020TF			33560265		+ 03000				0 JS	
SUSAP KONZK5FR22	ALLEEO	030UFDIVCYEA0EE	L010TFY			30740050		+ 02400				0 JS	
SUSAP KONZK5FR22	R	010UFDIVCYEA0E	I IF					+ 02400		18000		0 JS	
SUSAP KONZK5FR22	R	020WISUCYEA1E	F 051TF			21740061		+ 02200			RW22	K5PG0	JS
SUSAP KONZK5FR22	R	020WISUCYEA2WN		N	ALNAV								JS
SUSAP KONZK5FR22	R	0218TEPIK5EA0E	S 031TF			21740025		V 0140001411		-304		0 JS	
SUSAP KONZK5FR22	R	030RW22 K5PG0GY	M 031TF			21740024		00631		-304		0 JS	
SUSAP KONZK5FR22	R	040AMXUKK5EA0EYM	010DF					+ 02400				0 JS	
SUSAP KONZK5FR22	R	050AMXUKK5EA0EE	HR020HM			03730040		+ 02400				0 JS	

[illegible]

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

CITY AND STATE DETROIT/GROSSE ILE, MI	ELEVATION: 591 TDZE: 591 AIRPORT NAME: GROSSE ILE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG-A
				DATED: 08/10/2009

CHECKED

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

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

MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KONZK5SRW22 KSPG 0 18018003125 M

CITY AND STATE

DETROIT/GROSSE ILE, MI

ELEVATION: 591 TDZE: 591

AIRPORT NAME:

GROSSE ILE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 08/10/2000

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HARBS	HARBS	010		IF		FB				
	HARBS	UPDIV	020	IAF	TF		FO	2.0	041.0 (034T)	043.5	03000
	HARBS	UPDIV	030		HF	R	FO		217.4 (210T)	004.0	02400
	LLEEO	LLEEO	010		IF		FB				
	LLEEO	YEGHI	020	IAF	TF		FB	2.0	335.6 (329T)	026.5	03000
	LLEEO	UPDIV	030		TF	L	FB	1.0	307.4 (300T)	005.0	02400
		UPDIV	010	FACF	IF		FB				02400
		WQSU	020	FAF	TF		FB	0.5	217.4 (210T)	006.1	02200
		STEFI	021	SDF	TF		FB	0.3	217.4 (210T)	002.5	0140001411
		RW22	030	MAP	TF		FO	0.3	217.4 (210T)	002.4	00631

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AMXUX	040		DF		FO	1.0			02400
	AMXUX	050		HM	R	FO	2.0	037.3 (030T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LLEEO	N415032.70	W0823723.01	N4150.545	W08237.384
	UPDIV	N421541.37	W0830147.48	N4215.690	W08301.791
	WQSU	N421025.58	W0830556.76	N4210.426	W08305.946
	YEGHI	N421309.63	W0825559.02	N4213.161	W08255.984
	AMXUX	N415605.92	W0831711.11	N4156.099	W08317.185
	HARBS	N413942.08	W0833431.02	N4139.701	W08334.517
	STEFI	N420818.06	W0830737.19	N4208.301	W08307.620
	RW22	N420613.74	W0830914.96	N4206.229	W08309.249

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00591	40

CITY AND STATE
DETROIT/GROSSE ILE, MI

ELEVATION: 591 TDZE: 591
 AIRPORT NAME:
 GROSSE ILE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 22, AMDT 1
 07 MAY 2009

SUP:
 AMDT: ORIG-A
 DATED: 08/10/2008

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
CRL VORTAC (IF/IAF)	ROOKS/CRL 8.00 DME/RADAR	079.93 / 8.00 (CRL R-080)	2200	MAP: 5.40 MILES AFTER ROOKS/8.00 DME/RADAR OR AT CRL 13.40 DME FIX CLIMBING RIGHT TURN TO 2400 DIRECT CRL VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 080.00 INBOUND. CHART FAS OBST: 1145 STACK 420718N/0831051W FAC CROSSES MID POINT OF RWY 17 - 35.	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. **PROFILE STARTS AT CRL VORTAC**
 3. FAC 079.93 FAF ROOKS/CRL 8.00 DME/RADAR DIST FAF TO MAP 5.40 THLD
 4. MIN. ALT CRL VORTAC 2200, ROOKS 2200
 8. MSA FROM: CRL VORTAC 3100

MAG VAR: 3W

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:		STANDARD	X	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	
CIRCLING	1460	1	869	1460	1 1/4	869	1460	2 1/2	869	1460	2 3/4	869				

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRL VORTAC VIA V10-176-188 WEST BOUND.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND CAT A,C, AND D VISIBILITIES 1/4 MILE.

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

CITY AND STATE DETROIT/GROSSE ILE, MI	ELEVATION: 591 TDZE:	FACILITY IDENTIFIER: CRL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 7 07 MAY 2009	SUP VOR OR GPS-A
	AIRPORT NAME: GROSSE ILE MUNI			AMDT 6A
	DATE 10/27/2005			

QUALITY CHECKED 2

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW13				
ORESE (IAF)	TEGAE (NOPT) (FB)	219.91 / 5.00	3200	CLIMB TO 3200 DIRECT OMIGY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 310.16 INBOUND. CHART FAS OBST: 1529 TREE 473218N/0945919W CHART VDP AT 1.08 MILES TO RW13. JOKOS TO RW13: 3.04/45.				
JUNSU (IAF)	TEGAE (NOPT) (FB)	039.79 / 5.00	3200					
TEGAE (IF/IAF)	JOKOS (FB)	129.85 / 6.10	3200					
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW TEGAE, RT, 129.85 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: <u>129.92</u> FAF: <u>JOKOS</u> DIST FAF TO MAP: <u>5.46</u> THLD: <u>5.46</u> 4. MIN. ALT: <u>TEGAE 3200, JOKOS 3200, HIROR/2.50 NM TO RW13 2240</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u> </u>				MAG VAR: 4E EPOCH YEAR: 1990				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	1780	3/4	389	1780	3/4	389	1780	1
CIRCLING	1840	1	449	1860	1	469	1960	2
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A/B/C VISIBILITY TO 1 MILE, CAT D VISIBILITY TO 1 1/4 MILE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10								
CITY AND STATE BEMIDJI, MN		ELEVATION: 1391 TDZE: 1391 AIRPORT NAME: BEMIDJI RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 07 MAY 2009		SUP: AMDT: NONE DATED

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

CHART NOTE: VDP NA WHEN USING PARK RAPIDS ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PARK RAPIDS ALTIMETER SETTING, INCREASE LNAV CATS A/B VISIBILITIES TO 1 MILE.

TAA

	FROM	TO	ALT
1.	040/30 CW 220/30 (NOPT)	TEGAE (IF/IAF) (FB)	3200
2.	220/30 CW 310/30	220/20 CW 310/20	3500
	220/20 CW 310/20	ORESE (IAF) (FB)	3200
3.	310/30 CW 040/30	310/20 CW 040/20	3500
	310/20 CW 040/20	JUNSU (IAF) (FB)	3200

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1391

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

07 MAY 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBJIK3FR13	AJUNSU	010JUNSUK3EA0E	A	IF					18000		B	JS
SUSAP	KBJIK3FR13	AJUNSU	020TEGAEK3EA0EE		010TF		03980050	+	03200			B	JS
SUSAP	KBJIK3FR13	AORESE	010ORESEK3EA0E	A	IF					18000		B	JS
SUSAP	KBJIK3FR13	AORESE	020TEGAEK3EA0EE		010TF		21990050	+	03200			B	JS
SUSAP	KBJIK3FR13	ATEGAE	010TEGAEK3EA0EE	CR	HF		12990040	+	03200	18000		B	JS
SUSAP	KBJIK3FR13	R	010TEGAEK3EA0E	I	IF			+	03200	18000		B	JS
SUSAP	KBJIK3FR13	R	020JOKOSK3EA1E	F	051TF		12990061	+	03200			B	JS
SUSAP	KBJIK3FR13	R	020JOKOSK3EA2WN			N	ALNAV						JS
SUSAP	KBJIK3FR13	R	021HIRORK3EA0E	S	031TF		12990030	V	0224002249	-304		B	JS
SUSAP	KBJIK3FR13	R	030RW13 K3PG0GY	M	031TF		12990025		01436	-304		B	JS
SUSAP	KBJIK3FR13	R	040OMIGYK3EA0EYM		010DF				03200			B	JS
SUSAP	KBJIK3FR13	R	050OMIGYK3EA0EE		HR020HM		31020040	+	03200			B	JS

[illegible]

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1391 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 07 MAY 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
2
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUNSU	JUNSU	010	IAF	IF		FB				
	JUNSU	TEGAE	020		TF		FB	1.0	039.8 (044T)	005.0	03200
	ORESE	ORESE	010	IAF	IF		FB				
	ORESE	TEGAE	020		TF		FB	1.0	219.9 (224T)	005.0	03200
	TEGAE	TEGAE	010		HF	R	FB		129.9 (134T)	004.0	03200
		TEGAE	010	FACF	IF		FB				03200
		JOKOS	020	FAF	TF		FB	0.5	129.9 (134T)	006.1	03200
		HIROR	021	SDF	TF		FB	0.3	129.9 (134T)	003.0	0224002249
		RW13	030	MAP	TF		FO	0.3	129.9 (134T)	002.5	01436

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OMIGY	040		DF		FO	1.0			03200
	OMIGY	050		HM	R	FO	2.0	310.2 (314T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIROR	N473250.49	W0945927.79	N4732.842	W09459.463
	JOKOS	N473453.47	W0950236.35	N4734.891	W09502.606
	JUNSU	N473530.90	W0951413.62	N4735.515	W09514.227
	OMIGY	N472215.26	W0944319.90	N4722.254	W09443.332
	ORESE	N474243.35	W0950358.80	N4742.723	W09503.980
	TEGAE	N473907.24	W0950906.56	N4739.121	W09509.109
	RW13	N473106.40	W0945648.48	N4731.107	W09456.808

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13	01391		45

CITY AND STATE
BEMIDJI, MN

ELEVATION: 1391 TDZE: 1391
 AIRPORT NAME:
BEMIDJI RGNL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
07 MAY 2009

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 2
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
UDAYU (IAF)	OMIGY (NOPT) (FB)	220.22 / 5.00	3200	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3200 DIRECT TEGAE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 129.85 INBOUND. CHART FAS OBST: 1519 TREE 472829N/0945455W CHART 1859 OL ON TV MAST 472653N/0944932W. CHART 1880 TOWER 472808N/0944924W. CHART 1517 WATER TANK 472857N/0945338W. DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 1.10 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 99711 REFERENCE PATH ID: W31A CHART TDZE 1389. CHART APT ELEV 1391.
WOFPE (IAF)	OMIGY (NOPT) (FB)	040.10 / 5.00	3200	
OMIGY (IF/IAF)	IPEMY (FB)	310.18 / 6.10	3200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE OMIGY, RT, 310.16 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 310.08 FAF: IPEMY DIST FAF TO MAP: 5.48 THLD: 5.48
- MIN. ALT: OMIGY 3200, IPEMY 3200, HIPAV/2.60 NM TO RW31 2260*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3200 GS ALT AT: IPEMY OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.1 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 4E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			STANDARD @						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1589	1/2	200	1589	1/2	200	1589	1/2	200	1589	1/2	200			
LNAV/VNAV DA		1825	1	436	1825	1	436	1825	1	436	1825	1	436			
LNAV MDA		1780	1/2	391	1780	1/2	391	1780	1/2	391	1780	1	391			
CIRCLING		1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: BARO-VNAV NA WHEN USING PARK RAPIDS ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).

CHART NOTE: DME/DME RNP-0.3 NA.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-A DATED 04/19/2000
--------------------------------------	--	------------------------------	--	--

CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.***LNAV ONLY**

CHART NOTE: VDP NA WHEN USING PARK RAPIDS ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL DA 93 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PARK RAPIDS ALTIMETER SETTING, INCREASE LPV VISIBILITY TO 1 MILE ALL CATS.

TAA

	FROM	TO	ALT
1.	220/30 CW 040/30 (NOPT)	220/14 CW 040/14	3400
	220/14 CW 040/14	OMIGY (IF/IAF) (FB)	3200
2.	040/30 CW 130/30	040/15 CW 130/15	3500
	040/15 CW 130/15	WOFPE (IAF) (FB)	3200
3.	130/30 CW 220/30	130/15 CW 220/15	3500
	130/15 CW 220/15	UDAYU (IAF) (FB)	3200

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

 FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 04/19/2009

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KBJI
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 473018.3925N
LTP/FTP LONGITUDE 0945535.1045W
LTP/FTP ELLIPSOIDAL HEIGHT +03839
FPAP LATITUDE 473106.4700N
FPAP LONGITUDE 0945648.5800W
THRESHOLD CROSSING HEIGHT (TCH) 00045.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 108.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

97E40F5D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04209
FPAP ORTHOMETRIC HEIGHT +04219

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 04/19/2009

CHECKED
2

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

[illegible][illegible][illegible][illegible][illegible]

DATED: 04/19/2008

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

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

SUSAP KBJIK3PR31 RW31 001 0000W31A0N4730183925W09455351045+039390300N4731064700W09456485800106750000000451F40035097E40P5D
SUSAP KBJIK3PR31 RW31 002E +04219+04209LEV 99711 000

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 04/19/2009

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OMIGY	OMIGY	010		HF	R	FB		310.2 (314T)	004.0	03200
	UDAYU	UDAYU	010	IAF	IF		FB				
	UDAYU	OMIGY	020		TF		FB	1.0	220.2 (224T)	005.0	03200
	WOFPE	WOFPE	010	IAF	IF		FB				
	WOFPE	OMIGY	020		TF		FB	1.0	040.1 (044T)	005.0	03200
		OMIGY	010	FACF	IF		FB				03200
		IPEMY	020	FAF	TF		FB	0.5	310.2 (314T)	006.1	03200
		HIPAV	021	SDF	TF		FB	0.3	310.1 (314T)	002.9	0226002263
		RW31	030	MAP	TF		FO	0.3	310.1 (314T)	002.6	01429

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TEGAE	040		DF		FO	1.0			03200
	TEGAE	050		HM	R	FO	2.0	129.9 (134T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIPAV	N472830.03	W0945249.70	N4728.501	W09452.828
	IPEMY	N472630.05	W0944946.91	N4726.501	W09449.782
	OMIGY	N472215.26	W0944319.90	N4722.254	W09443.332
	TEGAE	N473907.24	W0950906.56	N4739.121	W09509.109
	UDAYU	N472250.25	W0943812.06	N4722.838	W09438.201
	WOFPE	N471840.04	W0944827.04	N4718.667	W09448.451
	RW31	N473018.39	W0945535.10	N4730.307	W09455.585

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01384	45

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 04/19/2009

CHECK

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				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: ☐	STANDARD ☐	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 07 MAY 2009



CITY AND STATE BEMIDJI, MN	ELEVATION: 1390 TDZE: 1387	FACILITY IDENTIFIER: BJI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME OR TACAN RWY 31, AMDT 12B, 04/20/2000	SUP
	AIRPORT NAME: BEMIDJI REGIONAL			AMDT 12A
				DATE 02/09/1993

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR 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				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:	☐ STANDARD	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 07 MAY 2009

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1391 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: BJI	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: VOR OR GPS RWY 13, AMDT 16B, 04/20/2000	SUP AMDT 16A DATE 02/09/1993
-------------------------------	---	-----------------------------	--	------------------------------------

QUALITY
2
CHECKED

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

QUALITY
2
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIBGE (IAF) (40E) (43A)	OBIVE (TF) (FB) (RNP 1.00) (40E)	184.09/7.01	9300
OBIVE (40E)	DIDBE (TF) (FB) (RNP 1.00) (40E) (41E) (43I)	184.12/7.09	7500
DIDBE (IF) (40E) (43I)	HOGBO (TF) (FB) (RNP 1.00) (40E) (43F)	162.44/3.87	6900
HOGBO (FAF) (40E) (43F)	RW16L (TF) (FO) (40G) (41Y) (43M)	184.11/7.42	
RW16L (MAP) (40G) (41Y) (43M)	ZIDGO (TF) (FB) (RNP 1.00) (40E) (42M)	164.11/8.77	
ZIDGO (40E) (42M)	USINE (TF) (FB) (RNP 1.00) (40E)	180.55/6.72	
USINE (40E)	YARKU (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	124.37/9.36	13000

QUALITY
CHECKED

CITY AND STATE RENO, NV	ELEVATION: 4415 TDZE: 4415	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 07 MAY 2009 RNAV (RNP) Z RWY 16L, ORIG-A	SUP:
	AIRPORT NAME: RENO/TAHOE INTL			AMDT: ORIG
	DATED: 9/25/2008			

RNAV (RNP)

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CAXIL	CAXIL	010		IF		FB				
	CAXIL	FMG	020		TF		FB	2.0	329.1 (345T)	018.2	12000
	CAXIL	JOKSU	030		TF		FB	2.0	027.0 (043T)	022.3	12000
	CAXIL	SAPRE	040		RF	L	FB	2.0		009.3	12000
	CAXIL	LIBGE	050	IAF	RF	L	FB	2.0		036.5	12000
	CAXIL	OBIVE	060	SDF	TF		FB	1.0	164.1 (180T)	007.0	09300
	CAXIL	DIDBE	070	IF	TF		FB	1.0	164.1 (180T)	007.1	07500
	TRUCK	TRUCK	010		IF		FB				
	TRUCK	WEMRA	020		TF		FB	2.0	333.5 (350T)	028.3	12000
	TRUCK	ZEPNU	030		RF	R	FB	2.0		007.9	12000
	TRUCK	LIBGE	040	IAF	RF	R	FB	2.0		031.1	12000
	TRUCK	OBIVE	050	SDF	TF		FB	1.0	164.1 (180T)	007.0	09300
	TRUCK	DIDBE	060	IF	TF		FB	1.0	164.1 (180T)	007.1	07500
		DIDBE	010	FACF	IF		FB				07500
		HOGBO	020	FAF	TF		FB	1.0	162.4 (178T)	003.9	06900
		RW16L	030	MAP	TF		FO	0.3	164.1 (180T)	007.4	04490 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZIDGO	040		TF		FB	1.0	164.1 (180T)	008.8	
	USINE	050		TF		FB	1.0	180.6 (197T)	006.7	
	YARKU	060		TF		FO	1.0	124.4 (140T)	009.4	13000
	YARKU	070		HM	R	FO	2.0	346.8 (003T)	009.0	13000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAXIL	N391418.30	W1193319.60	N3914.305	W11933.327
	DIDBE	N394207.53	W1194607.36	N3942.126	W11946.123
	FMG	N393152.55	W1193921.86	N3931.876	W11939.364
	HOGBO	N393815.12	W1194559.15	N3938.252	W11945.986
	JOKSU	N394808.63	W1191941.85	N3948.144	W11919.698
	LIBGE	N395614.09	W1194605.38	N3956.235	W11946.090
	OBIVE	N394913.28	W1194606.20	N3949.221	W11946.103
	RUVSE	N395612.02	W1193048.83	N3956.200	W11930.814
	SAPRE	N395634.58	W1191532.72	N3956.576	W11915.545

CONT. ON PAGE 4

CITY AND STATE	ELEVATION: 4415 TDZE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	07 MAY 2009	AMDT: ORIG
			RNAV (RNP) Z RWY 16L, ORIG-A	DATED: 09/25/2008

RNAV (RNP)

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

CONTINUED...

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TARAE	N395614.14	W1200121.93	N3956.236	W12001.366
	TRUCK	N392615.67	W1200942.48	N3926.261	W12009.708
	USINE	N391536.11	W1194829.49	N3915.602	W11948.492
	WEMRA	N395404.18	W1201622.57	N3954.070	W12016.376
	YARKU	N390822.93	W1194049.12	N3908.382	W11940.819
	ZEPNU	N400145.53	W1201451.64	N4001.759	W12014.861
	ZIDGO	N392203.16	W1194601.57	N3922.053	W11946.026
	RW16L	N393049.82	W1194600.26	N3930.830	W11946.004

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16L	04415	75

QUALITY
CHECKED

CITY AND STATE

RENO, NV

ELEVATION: 4415 TDZE: 4415
AIRPORT NAME:

RENO/TAHOE INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

07 MAY 2009

RNAV (RNP) Z RWY 16L, ORIG-A

SUP:

AMDT: ORIG

DATED: 09/25/2008

U.S. 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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA			
CAXIL (40E)	FMG VORTAC (TF) (FB) (RNP 2.00) (40V)	329.10 / 18.17	12000	CLIMB TO 13000 VIA TRACK 164.12 TO ZAKBI AND VIA TRACK 179.59 TO USINE AND VIA TRACK 124.37 TO YARKU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.			
FMG VORTAC (40V)	JOKSU (TF) (FB) (RNP 2.00) (40E)	026.95 / 22.25	12000				
JOKSU (40E)	SAPRE (RF) (FB) (RNP 2.00) (40E)	(11.75 NM RADIUS CCW RUVSE)/9.25	12000				
SAPRE (40E)	LIBGE (RF) (FB) (RNP 2.00) (40E)	(11.75 NM RADIUS CCW RUVSE)/36.47	12000	ADDITIONAL FLIGHT DATA: HOLD S, RT, 346.76 INBOUND CHART FAS OBST: 4497 POLE 393118N / 1194553W 4780 BLDG. 393200N / 1194538W DISTANCE TO THLD FROM 406 HAT: 1.04 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 4477.9 MSL (DO NOT CHART)			
TRUCK (40E)	WEMRA (TF) (FB) (RNP 2.00) (40E)	333.54 / 28.26	12000				
WEMRA (40E)	ZEPNU (RF) (FB) (RNP 2.00) (40E)	(11.75 NM RADIUS CW TARA)/7.92	12000				
ZEPNU (40E)	LIBGE (RF) (FB) (RNP 2.00) (40E) (43A)	(11.75 NM RADIUS CW TARA)/31.14	12000				

1. PT NA SIDE OF COURSE		OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT LIBGE					
3. FAC: 164.12		FAF:	DIST FAF TO MAP:		THLD:
4. MIN. ALT: LIBGE 12000, OBIVE, 9300, DIDBE 7500					
5. DIST TO THLD FROM OM:		7.22	MM:	IM:	150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 6900		GS ALT AT: UDADY 6900	OM:	MM:	IM:
7. GS ANGLE: 3.10 TCH: 63.0# 34:1 IS CLEAR					
8. MSA FROM: RW16R 12000					

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	800-2 1/2										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.17 DA*	4821	4000	406	4821	4000	406	4821	4000	406		NA				
RNP 0.30 DA	5140	2	725	5140	2	725	5140	2	725		NA				

NOTES: CHART NOTES: RF AND GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (7F) OR ABOVE 54C (130F). FOR INOPERATIVE MALSR, INCREASE RNP 0.17* ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS VISIBILITY TO 2 1/2 MILES. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 260 FEET PER NM TO 7300.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CONTINUED ON PAGE 2

CITY AND STATE	ELEVATION: 4415 TDZE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	07 MAY 2009 RNAV (RNP) Z RWY 16R, ORIG-A	AMDT: ORIG
				DATE 9/25/2008

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES (CONT'D)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
LIBGE (IAF) (40E) (43A)	OBIVE (TF) (FB) (RNP 1.00) (40E)	164.09/7.01	9300
OBIVE (40E)	DIDBE (TF) (FB) (RNP 1.00) (40E) (41E) (43I)	164.12/7.09	7500
DIDBE (IF) (40E) (43I)	UDADY (TF) (FB) (RNP 1.00) (40E) (43F)	164.12/4.23	6900
UDADY (FAF) (40E) (43F)	RW16R (TF) (FO) (40G) (41Y) (43M)	164.12/7.22	
RW16R (MAP) (40G) (41Y) (43M)	ZAKBI (TF) (FB) (RNP 1.00) (40E) (42M)	164.12/8.61	
ZAKBI (40E) (42M)	USINE (TF) (FB) (RNP 1.00) (40E)	179.59/6.69	
USINE (40E)	YARKU (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	124.37/9.36	13000

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FMG VORTAC AIRWAY RADIALS 314 CW 075.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR TRANSITION AT CAXIL.

QUALITY
CHECKED

CITY AND STATE RENO, NV	ELEVATION: 4415 TDZE: 4415	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 07 MAY 2009 RNAV (RNP) Z RWY 16R, ORIG-A	SUP:
	AIRPORT NAME: RENO/TAHOE INTL			AMDT: ORIG
	DATED: 9/25/2008			

RNAV (RNP)

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CAXIL	CAXIL	010		IF		FB				
	CAXIL	FMG	020		TF		FB	2.0	329.1 (345T)	018.2	12000
	CAXIL	JOKSU	030		TF		FB	2.0	027.0 (043T)	022.3	12000
	CAXIL	SAPRE	040		RF	L	FB	2.0		009.3	12000
	CAXIL	LIBGE	050	IAF	RF	L	FB	2.0		036.5	12000
	CAXIL	OBIVE	060	SDF	TF		FB	1.0	164.1 (180T)	007.0	09300
	CAXIL	DIDBE	070	IF	TF		FB	1.0	164.1 (180T)	007.1	07500
	TRUCK	TRUCK	010		IF		FB				
	TRUCK	WEMRA	020		TF		FB	2.0	333.5 (350T)	028.3	12000
	TRUCK	ZEPNU	030		RF	R	FB	2.0		007.9	12000
	TRUCK	LIBGE	040	IAF	RF	R	FB	2.0		031.1	12000
	TRUCK	OBIVE	050	SDF	TF		FB	1.0	164.1 (180T)	007.0	09300
	TRUCK	DIDBE	060	IF	TF		FB	1.0	164.1 (180T)	007.1	07500
		DIDBE	010	FACF	IF		FB				07500
		UDADY	020	FAF	TF		FB	1.0	164.1 (180T)	004.2	06900
		RW16R	030	MAP	TF		FO	0.3	164.1 (180T)	007.2	04478 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZAKBI	040		TF		FB	1.0	164.1 (180T)	008.6	
	USINE	050		TF		FB	1.0	179.5 (196T)	006.7	
	YARKU	060		TF		FO	1.0	124.4 (140T)	009.4	13000
	YARKU	070		HM	R	FO	2.0	346.8 (003T)	009.0	13000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAXIL	N391418.30	W1193319.60	N3914.305	W11933.327
	DIDBE	N394207.53	W1194607.36	N3942.126	W11946.123
	FMG	N393152.55	W1193921.86	N3931.876	W11939.364
	JOKSU	N394808.63	W1191941.85	N3948.144	W11919.698
	LIBGE	N395614.09	W1194605.38	N3956.235	W11946.090
	OBIVE	N394913.28	W1194606.20	N3949.221	W11946.103
	RUVSE	N395612.02	W1193048.83	N3956.200	W11930.814
	SAPRE	N395634.58	W1191532.72	N3956.576	W11915.545

CONT. ON PAGE 4

CITY AND STATE	ELEVATION: 4415 TDZE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	RENOE/TAHOE INTL	RNAV	07 MAY 2009	AMDT: ORIG
			RNAV (RNP) Z RWY 16R, ORIG-A	DATED: 09/25/2008

RNAV (RNP)

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

CONTINUED...

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TARAE	N395614.14	W1200121.93	N3956.236	W12001.366
	TRUCK	N392615.67	W1200942.48	N3926.261	W12009.708
	USINE	N391536.11	W1194829.49	N3915.602	W11948.492
	WEMRA	N395404.18	W1201622.57	N3954.070	W12016.376
	YARKU	N390822.93	W1194049.12	N3908.382	W11940.819
	ZEPNU	N400145.53	W1201451.64	N4001.759	W12014.861
	ZIDGO	N392203.16	W1194601.57	N3922.053	W11946.026
	RW16R	N393039.96	W1194609.22	N3930.666	W11946.154

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW16R	04415	63

QUALITY
CHECKED

CITY AND STATE

RENO, NV

ELEVATION:

4415 TDZE: 4415

AIRPORT NAME:

RENO/TAHOE INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

07 MAY 2009

RNAV (RNP) Z RWY 16R, ORIG-A

SUP:

AMDT: ORIG

DATED: 09/25/2008

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33	Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.
--	---	--

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TEYUS	AROSE (FB)	260.84 / 20.67	3000	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 3000 DIRECT ALBEW AND VIA 070.12 TRACK TO BECMY AND VIA 318.34 TRACK TO ILOPY AND HOLD.
FERET	BEFME (FB)	072.01 / 14.01	3000	
ADM VORTAC (IAF)	ILOPY (NOPT) (FB)	177.50 / 22.00	3000	
AROSE (IAF)	ILOPY (NOPT) (FB)	265.18 / 5.00	3000	
BEFME (IAF)	ILOPY (NOPT) (FB)	085.06 / 5.00	3000	
ILOPY (IF/IAF)	LUTNY (FB)	175.12 / 5.01	2500	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 940 TREE 334008N/0971204W CHART FAS OBST: 1009 TREE 334103N/0971243W CHART 1217 TOWER 334337N/0971251W. DISTANCE TO THLD FROM 349 HAT: 0.95 NM. CHART VDP AT 1.16 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 58111 REFERENCE PATH ID: W17A

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD N ILOPY, RT, 175.12 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 175.12 FAF: LUTNY DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: ILOPY 3000, LUTNY 2500, GODNE/2.30 NM TO RW17 1620*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: LUTNY OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW17 4000

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1194	1 1/4	349	1194	1 1/4	349	1194	1 1/4	349	1194	1 1/4	349			
LNAV/VNAV DA	1358	1 3/4	513	1358	1 3/4	513	1358	1 3/4	513	1358	1 3/4	513			
LNAV MDA	1260	1	415	1260	1	415	1260	1 1/4	415	1260	1 1/4	415			
CIRCLING	1320	1	475	1320	1	475	1360	1 1/2	515	1460	2	815			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (4F) OR ABOVE 47C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 *LNAV ONLY
 SEE 8260-10

CITY AND STATE GAINESVILLE, TX	ELEVATION: 845 TDZE: 845 AIRPORT NAME: GAINESVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 07 MAY 2009	SUP: AMDT: ORIG-A DATED 09/30/2004
--	--	-------------------------------------	--	--

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENTON ALTIMETER SETTING AND INCREASE

ALL DA 91 FEET AND ALL MDA 100 FEET. INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE
LNAV/VNAV VISIBILITY 1/2 ALL CATS, INCREASE LNAV VISIBILITY CAT C 1/4 AND CAT D 1/2, AND INCREASE
CIRCLING CAT C/D 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DENTON ALTIMETER SETTING

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FERET VIA V114 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TEYUS VIA V63 NORTHEAST BOUND.

CITY AND STATE

GAINESVILLE, TX

ELEVATION: 845 TDZE: 845

AIRPORT NAME:

GAINESVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 09/30/2004

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDE PATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KGLE
RW17
0
Q
W17A
333940.4820N
0971158.1150W
+02320
333811.2400N
0971200.2100W
00045.0
F
03.00
106.75
0920
40.0
50.0

CRC REMAINDER

60FCAEFA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+02575
+02575

CITY AND STATE

GAINESVILLE, TX

ELEVATION: 845 TDZE: 845

AIRPORT NAME:

GAINESVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

07 MAY 2009

SUP:

AMDT: ORIG-A

DATED: 09/30/2009

QUALITY
CHECKED

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

[illegible][illegible][illegible][illegible]

CITY AND STATE GAINESVILLE, TX	ELEVATION: 845 TDZE: 845 AIRPORT NAME: GAINESVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 07 MAY 2009	SUP:
				AMDT: ORIG-A
				DATED: 09/30/2004

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

17510023	00890	-300	A JS
			A JS
0701			A JS
3183	+ 03000		A JS
17510040	+ 03000		A JS

SUSAP KGLEK4GRW17 0060011751 N33394049W097115812-0900 +0232000845000045100R

SUSAP KGLEK4PR17	RW17 001 0000W17AON3339404920W09711581150+023200300N3338112400W09712002100106750920000450F40050060FCAEFA
SUSAP KGLEK4PR17	RW17 002E +02575+02575LPV 58111 000

SUSAP KGLEK4SRW17 K4PG 0 18018004025 M

SUP:	
AMDT:	ORIG-A
DATED:	09/30/20

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ADM	ADM	010	IAF	IF		FB				
	ADM	ILOPY	020		TF		FB	1.0	177.5 (184T)	022.0	03000
	FERET	FERET	010		IF		FB				
	FERET	BEFME	020	IAF	TF		FB	2.0	072.0 (078T)	014.0	03000
	FERET	ILOPY	030		TF		FB	1.0	085.1 (091T)	005.0	03000
	ILOPY	ILOPY	010		HF	R	FB		175.1 (181T)	004.0	03000
	TEYUS	TEYUS	010		IF		FB				
	TEYUS	AROSE	020	IAF	TF		FB	2.0	260.8 (267T)	020.7	03000
	TEYUS	ILOPY	030		TF		FB	1.0	265.2 (271T)	005.0	03000
		ILOPY	010	FACF	IF		FB				03000
		LUTNY	020	FAF	TF		FB	0.5	175.1 (181T)	006.0	02500
		GODNE	021	SDF	TF		FB	0.3	175.1 (181T)	002.7	0162001627
		RW17	030	MAP	TF		FO	0.3	175.1 (181T)	002.3	00890

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ALBEW	040		DF		FB	1.0			
	BECMY	050		TF		FB	1.0	070.1 (076T)		
	ILOPY	060		TF		FO	1.0	318.3 (324T)		03000
	ILOPY	070		HM	R	FO	2.0	175.1 (181T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADM	N341241.65	W0971005.97	N3412.694	W09710.100
	ALBEW	N333339.89	W0971206.54	N3333.665	W09712.109
	AROSE	N335035.55	W0970542.52	N3350.593	W09705.709
	BECMY	N333617.85	W0965919.41	N3336.298	W09659.324
	BEFME	N335047.30	W0971742.75	N3350.788	W09717.713
	FERET	N334753.40	W0973409.96	N3347.890	W09734.166
	GODNE	N334158.72	W0971154.89	N3341.979	W09711.915
	ILOPY	N335041.57	W0971142.63	N3350.693	W09711.711
	LUTNY	N334440.19	W0971151.11	N3344.670	W09711.852
	TEYUS	N335146.58	W0964055.48	N3351.776	W09640.925
	RW17	N333940.49	W0971158.12	N3339.675	W09711.969

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	00845		45

CITY AND STATE
GAINESVILLE, TX

ELEVATION: 845 TDZE: 845
 AIRPORT NAME:
GAINESVILLE MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 1
07 MAY 2009

SUP:
 AMDT: **ORIG-A**
 DATED: **09/30/2009**

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 12, 17, 30, 35 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES AND POLES BEGINNING 1' FROM DER, 472' RIGHT AND LEFT OF CENTERLINE, UP TO 25' AGL/819' MSL.

NOTE: RWY 30, TAXIWAYS BEGINNING 651' FROM DER, CROSSING CENTERLINE LEFT TO RIGHT 859' MSL. TREES AND TERRAIN BEGINNING 2' FROM DER, 14' LEFT AND RIGHT OF CENTERLINE, UP TO 64' AGL/890' MSL. NOTE: RWY 35, TERRAIN, TREES, POLES, ROAD AND VEHICLE BEGINNING 149' FROM DER, 51' LEFT OF CENTERLINE, UP TO 95' AGL/940' MSL. TERRAIN AND POLES BEGINNING 13' FROM DER, 85' RIGHT OF CENTERLINE, UP TO 37' AGL/882' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

GAINESVILLE, TX

(6) Airport

GAINESVILLE MUNI

(7) Effective Date

07 MAY 2009

(8) Amdt. No.

ORIG

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30657 Amdt. No. 3313]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

1. FAA Rules Docket, FAA Headquarters Building,
800 Independence Avenue, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which the
affected airport is located;
3. The National Flight Procedures Office, 6500 South
MacArthur Blvd., Oklahoma City, OK 73169 or,
4. The National Archives and Records Administration
(NARA). For information on the availability of this material at
NARA, call 202-741-6030, or go to:
http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

1. FAA Public Inquiry Center (APA-200), FAA Headquarters
Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the
affected airport is located.

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight
Procedure Standards Branch (AFS-420), Flight Technologies and
Programs Divisions, Flight Standards Service, Federal Aviation

Administration, Mike Monroney Aeronautical Center, 6500 South
MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O.
Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

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

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 6, 2009



John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

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, ISMLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs,

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
02/20/09	SC	NEWBERRY	NEWBERRY COUNTY	9/6480	NDB RWY 22, AMDT 6
02/23/09	MD	FREDERICK	FREDERICK MUNI	9/6582	ILS OR LOC RWY 23, AMDT 5B
02/27/09	NY	BATAVIA	GENESEE COUNTY	9/7308	ILS OR LOC RWY 28, AMDT 6
03/03/09	ID	CALDWELL	CALDWELL INDUSTRIAL	9/7641	NDB RWY 30, AMDT 1
03/03/09	ID	CALDWELL	CALDWELL INDUSTRIAL	9/7642	RNAV (GPS) RWY 30, AMDT 1
03/03/09	ID	CALDWELL	CALDWELL INDUSTRIAL	9/7643	RNAV (GPS) RWY 12, AMDT 1
03/03/09	CA	MODESTO	MODESTO CITY-CO-HARRY SHAM FLD	9/7694	ILS OR LOC/DME RWY 28R, AMDT 14
03/03/09	KS	WICHITA	BEECH FACTORY	9/7696	VOR/DME RNAV RWY 36, ORIG
03/03/09	KS	WICHITA	BEECH FACTORY	9/7697	VOR/DME RNAV RWY 18, ORIG

FDC 9/6480 EOE FI/P NEWBERRY COUNTY, NEWBERRY, SC. NDB RWY 22, AMDT 6...S-22 CAT C NA. CIRCLING CAT C NA. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. THIS IS NDB RWY 22, AMDT 6A.

FDC 9/6582 FDK FI/P FREDERICK MUNI, FREDERICK, MD. ILS OR LOC RWY 23, AMDT 5B...TERMINAL ROUTE NUMBE INT TO RICKE INT DELETE: NOPT CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 5 AND RWY 30 NA AT NIGHT. THIS IS ILS OR LOC RWY 23, AMDT 5C.

FDC 9/7308 GVQ FI/P GENESEE COUNTY, BATAVIA, NY. ILS OR LOC RWY 28, AMDT 6...DELETE ALL REFERENCE TO MIDDLE MARKER. THIS IS ILS OR LOC RWY 28, AMDT 6A.

FDC 9/7641 EUL FI/P CALDWELL INDUSTRIAL, CALDWELL, ID. NDB RWY 30, AMDT 1...DME MINIMUMS S-30 MDA 2940/HAT 508 ALL CATS. CAT C VISIBILITY 1 1/2. CIRCLING MDA 3100/HAA 668 ALL CATS. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOISE ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET AND ALL VISIBILITIES 1/2 MILE. AIRPORT ELEVATION 2432, TDZE 2432. THIS IS NDB RWY 30, AMDT 1A.

FDC 9/7642 EUL FI/P CALDWELL INDUSTRIAL, CALDWELL, ID. RNAV (GPS) RWY 30, AMDT 1...LNAV/VNAV DA 2822/HAT 390 ALL CATS. CIRCLING MDA 3100/HAA 668 ALL CATS. AIRPORT ELEVATION 2432. THIS IS RNAV (GPS) RWY 30, AMDT 1A.

FDC 9/7643 EUL FI/P CALDWELL INDUSTRIAL, CALDWELL, ID. RNAV (GPS) RWY 12, AMDT 1...CIRCLING MDA 3100/HAA 668 ALL CATS. AIRPORT ELEVATION 2432. THIS IS RNAV (GPS) RWY 12, AMDT 1A.

FDC 9/7694 MOD FI/P MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA. ILS OR LOC/DME RWY 28R, AMDT 14...DELETE NOTE: DME FROM MOD VOR/DME. SIMULTANEOUS RECEPTION OF I-MOD AND MOD VOR/DME REQUIRED. CHART NOTE: DME FROM MOD VOR/DME. SIMULTANEOUS RECEPTION OF I-MOD AND MOD DME REQUIRED. THIS IS ILS OR LOC/DME RWY 28R, AMDT 14A.

FDC 9/7696 BEC FI/P BEECH FACTORY, WICHITA, KS. VOR/DME RNAV RWY 36, ORIG ...CIRCLING: CAT C MDA 1980/HAA 572. WICHITA MID-CONTINENT ALTIMETER SETTING MINIMUMS: CIRCLING: CAT C MDA 2020/HAA 612. VIS CAT C 1 3/4. THIS IS VOR/DME RNAV RWY 36, ORIG-A.

FDC 9/7697 BEC FI/P BEECH FACTORY, WICHITA, KS. VOR/DME RNAV RWY 18, ORIG ...CIRCLING: CAT C MDA 1980/HAA 572. WICHITA MID-CONTINENT ALTIMETER SETTING MINIMUMS: CIRCLING: CAT C MDA 2020/HAA 612. VIS CAT C 1 3/4. THIS IS VOR/DME RNAV RWY 18, ORIG-A.