

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 09-24

October 16, 2009

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJR-321
(AVAILABLE ON THE WEB AT [HTTP://NFDC.FAA.GOV](http://NFDC.FAA.GOV))**

Notice - Notice - Notice

Revised IAP Chart Format, Addition of Procedure Effective Date

Effective 22 Oct 2009, all original and amended US Government Instrument Approach Procedure (IAP) charts will contain a Procedure Amendment Date. This date reflects the AIRAC cycle date of the latest procedural revision and will appear in the lower left margin adjacent to and associated with the amendment number (e.g., AMDT 4B 22OCT09, ORIG 22OCT09, etc). The Julian Date (Jdate, i.e. 09295) on these new/amended procedures will be relocated to the upper right margin of the chart and continue to reflect the date on which the chart was revised for any reason. Similar chart revisions are being considered by non-government chart developers.

For IAPs promulgated in the Transmittal Letter (TL) via an 8260-series form, the Procedure Amendment Date is shown in the "PROCEDURE NO/AMENDMENT NO/EFFECTIVE DATE" block at the bottom of the form supporting the IAP. For P-NOTAM procedural amendments, an AIRAC Date will be listed in the first column of the NOTAM matrix following the second docket in the TL. This specified AIRAC date will be used as the Procedure Amendment Date as shown in the excerpt below.

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows: EFFECTIVE UPON PUBLICATION						
AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
22-Oct-09	IA	COUNCIL BLUFFS	COUNCIL BLUFFS MUNI	9/5812	8/22/2009	RNAV (GPS) RWY 32, ORIG

Sample US government revised chart header and footer are shown below.

Top of Chart:

ALEXANDRIA, MINNESOTA		AL-14 (FAA)		Julian Date → 09323	
WAAS CH 61007 W31A	APP CRS 315°	Rwy Idg TDZE Apt Elev	5100 1423 1424	RNAV (GPS) RWY 31 ALEXANDRIA/ CHANDLER FIELD (AXN)	
 Inoperative table does not apply to LPV & LNAV/VNAV Cats A/B/C and LNAV Cat C. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (114°F). DME/DME RNP -0.3 NA. VDP and Baro-VNAV NA when using Glenwood altimeter setting.				 MISSED APPROACH: Climb to 3500 direct OCIWE and via 352° track to TILER and hold.	

Bottom of Chart:

MIRL Rwy 4-22 and 13-31 	CIRCLING	1920-1 496 (500-1)	1720-172 496 (500-1½)	1700-2 556 (600-2)
ALEXANDRIA, MINNESOTA Amdt 1 22OCT09	Procedure Effective Date ←		ALEXANDRIA/ CHANDLER FIELD (AXN) RNAV (GPS) RWY 31	

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

The following procedure published in TL 09-23 is hereby rescinded in its' entirety:

Winnefield, LA, David G. Joyce, NDB RWY 8, Amdt 1, CANCELLED

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30692 Amdt. No 3344]

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 ✓

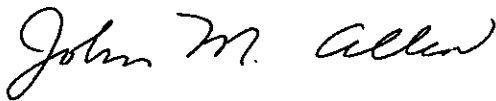
The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore--(1) is not a "significant regulatory action" under Executive Order 12866;(2) is not a "significant 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

OCT 16 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 19 NOV 2009

Atlanta, GA, Hartsfield-Jackson Atlanta Intl, ILS OR LOC RWY 27L, ILS RWY 27L (CAT II), Amdt 16
Atlanta, GA, Hartsfield-Jackson Atlanta Intl, ILS PRM RWY 27L, ILS PRM RWY 27L (CAT II) (Simultaneous Close Parallel), Amdt 1
Atlanta, GA, Hartsfield-Jackson Atlanta Intl, RNAV (GPS) Y RWY 27L, Amdt 3
Atlanta, GA, Hartsfield-Jackson Atlanta Intl, RNAV (RNP) Z RWY 27L, Amdt 1
Cochran, GA, Cochran, RNAV (GPS) RWY 11, Orig
Sterling, PA, Spring Hill, Takeoff Minimums and Obstacle DP, Amdt 1
Aberdeen, SD, Aberdeen Rgnl, VOR/DME RWY 13, Amdt 13A
Orange, TX, Orange County, VOR/DME RWY 22, Amdt 2

Effective 17 DEC 2009

Nogales, AZ, Nogales Intl, NOGALES ONE Graphic Obstacle DP
Scottsdale, AZ, Scottsdale, RNAV (GPS)-E, Orig
Meeker, CO, Meeker, RNAV (GPS) RWY 3, Orig-B
Telluride, CO, Telluride Rgnl, LOC/DME RWY 9, Amdt 1
Oxford, CT, Waterbury-Oxford, NDB RWY 18, Amdt 6, CANCELLED
Naples, FL, Naples Muni, RNAV (GPS) RWY 5, Amdt 2
Naples, FL, Naples Muni, RNAV (GPS) RWY 23, Amdt 1
West Palm Beach, FL, Palm Beach Intl, Takeoff Minimums and Obstacle DP, Amdt 3
Boise, ID, Boise Air Terminal/Gowen Fld, RNAV (RNP) Z RWY 10L, Orig-A
Boise, ID, Boise Air Terminal/Gowen Fld, RNAV (RNP) Z RWY 10R, Orig-A
Boise, ID, Boise Air Terminal/Gowen Fld, RNAV (RNP) Z RWY 28L, Orig-A
Boise, ID, Boise Air Terminal/Gowen Fld, RNAV (RNP) Z RWY 28R, Orig-A
Mountain Home, ID, Mountain Home Muni, NDB RWY 28, Amdt 3
Mountain Home, ID, Mountain Home Muni, RNAV (GPS) RWY 28, Orig
Pocatello, ID, Pocatello Rgnl, KNURL ONE Graphic Obstacle DP
Twin Falls, ID, Joslin Field-Magic Valley Rgnl, ILS OR LOC RWY 25, Amdt 9
Alma, MI, Gratiot Community, SDF RWY 9, Amdt 8, CANCELLED
Alma, MI, Gratiot Community, Takeoff Minimums and Obstacle DP, Orig
Brookfield, MO, North Central Missouri Rgnl, RNAV (GPS) RWY 18, Amdt 1
Brookfield, MO, North Central Missouri Rgnl, RNAV (GPS) RWY 36, Amdt 1
Brookfield, MO, North Central Missouri Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Cut Bank, MT, Cut Bank Muni, Takeoff Minimums and Obstacle DP, Orig
Cross Keys, NJ, Cross Keys, Takeoff Minimums and Obstacle DP, Amdt 1
Perkasie, PA, Pennridge, RNAV (GPS) RWY 8, Amdt 1

Cheraw, SC, Cheraw Muni/Lynch Bellinger Field, NDB RWY 26, Amdt 2,
CANCELLED
Odessa, TX, Odessa-Schlemeyer Field, Takeoff Minimums and Obstacle DP, Amdt 1
Logan, UT, Logan-Cache, LOGAN ONE Graphic Obstacle DP
Logan, UT, Logan-Cache, Takeoff Minimums and Obstacle DP, Amdt 8
Barre/Montpelier, VT, Edward F. Knapp State, GPS RWY 35, Orig-A, CANCELLED
Barre/Montpelier, VT, Edward F. Knapp State, RNAV(GPS) RWY 35, Orig
Everett, WA, Snohomish County (Paine Fld), RNAV (GPS) RWY 16R, Orig-A
Yakima, WA, Yakima Air Terminal/McAllister Field, ILS Y RWY 27, Orig
Yakima, WA, Yakima Air Terminal/McAllister Field, ILS Z RWY 27, Amdt 27
Yakima, WA, Yakima Air Terminal/McAllister Field, LOC/DME BC-B, Amdt 3
Yakima, WA, Yakima Air Terminal/McAllister Field, RNAV (GPS) Y RWY 27, Orig
Yakima, WA, Yakima Air Terminal/McAllister Field, RNAV (GPS) Z RWY 27, Orig
Yakima, WA, Yakima Air Terminal/McAllister Field, VOR-A, Amdt 7
Yakima, WA, Yakima Air Terminal/McAllister Field, VOR/DME OR TACAN RWY 27,
Amdt 8

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE						
ZINTU INT/ATL 24.33 DME/RADAR (IAF)	YABBA INT/20.75 DME/RADAR	201.99 / 4.44 (HDG) & 273.99 / 2.47 (I-FSQ)	7000	ILS: DA LOC: 5.44 MILES AFTER DEPOT INT/7.05 DME/RADAR OR AT 1.61 DME FIX CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA ATL VORTAC R-288 TO TEMPO INT/ATL 30.26 DME AND HOLD.					
YABBA INT/20.75 DME/RADAR (IAF)	DEZEE INT/17.13 DME/RADAR	273.99 / 3.62 (I-FSQ)	6000*						
DEZEE INT/17.13 DME/RADAR	DOOOH INT/13.99 DME/RADAR	273.99 / 3.14 (I-FSQ)	5000*	ADDITIONAL FLIGHT DATA: HOLD W, RT, 088.15 INBOUND. CHART FAS OBST: 1083 TOWER 333749N/0842338W CHART 1116 TANK 333824N/0842145W. CHART: 1201 TOWER 333739N/0841741W CHART VDP AT 2.48 DME; DISTANCE VDP TO THLD 0.87 MILES. CHART: LOC RWYS 26L, 26R. CHART (CUMRA) AT INTERSECTION OF DR LEG AND INITIAL COURSE					
DOOOH INT/13.99 DME/RADAR (IF)	ANVAL INT/10.84 DME/RADAR	273.99 / 3.15 (I-FSQ)	4000*						
ANVAL INT/10.84 DME/RADAR	DEPOT INT/7.05 DME/RADAR	273.99 / 3.79 (I-FSQ)	2800						

1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT YABBA	
3. FAC: <u>273.99</u> FAF: <u>DEPOT INT/7.05 DME/RADAR</u> DIST FAF TO MAP: <u>5.44</u> THLD: <u>5.44</u>	
4. MIN. ALT: YABBA 7000, DEZEE 6000*, DOOOH 5000*, ANVAL 4000*, DEPOT 2800	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>1103</u> 150 HAT: <u> </u> 100 HAT: <u>1091</u> GS ANT: <u>1076</u>	
6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>DEPOT INT/7.05 DME/RADAR 2800</u> OM: <u> </u> MM: <u> </u> IM: <u>1100</u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>57.0</u>	
8. MSA FROM: <u>ATL VORTAC 3100</u>	

MINIMUMS															
TAKEOFF:	STANDARD		X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT					ALTERNATE: N A		ILS: STANDARD		LOC: STANDARD	
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27L	1199	1800	200	1199	1800	200	1199	1800	200	1199	1800	200			
S-LOC 27L	1340	2400	341	1340	2400	341	1340	2400	341	1340	4000	341			
SIDESTEP 27R	1420	6000	435	1420	6000	435	1420	1 3/4	435	1420	2 1/4	435			

NOTES:
 CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED, S-ILS 27L: DA 1099 MSL, 122 RA, RVR 1200, HAT 100; CAT A, B, C, D.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 27R.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 27L CAT D VISIBILITY TO RVR 5000.
 SEE 8260-10

CITY AND STATE ATLANTA, GA	ELEVATION: 1026	TDZE: 27L 999	FACILITY IDENTIFIER: I-FSQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27L, AMDT 18 ILS RWY 27L (CAT II) 19 NOV 2009	SUP:
	AIRPORT NAME:	TDZE: 27R 985			AMDT: 15B
	HARTSFIELD - JACKSON ATLANTA INTL				DATED 10/26/2006

QUALITY
7
CHECKED

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CAT II CHART NOTE: PROCEDURE DOES NOT MEET ICAO STANDARD FOR ALSF/TDZ/CL LIGHTING SYSTEMS.

AUTHORIZATION TO CONDUCT THIS APPROACH REQUIRES SPECIFIC OPS SPEC APPROVAL OR LOA FOR THIS RUNWAY.

CHART NOTE: SIDESTEP NA WHEN SIMULTANEOUS OPERATIONS IN EFFECT.

CHART NOTE: SIMULTANEOUS APPROACHES AUTHORIZED WITH RWYS 26L OR 26R.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000, 5000, OR 6000.



CITY AND STATE ATLANTA, GA	ELEVATION: 1026	TDZE: 27L 999	FACILITY IDENTIFIER: I-FSQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27L, AMDT 16 ILS RWY 27L (CAT II) 19 NOV 2009	SUP:
	AIRPORT NAME:	TDZE: 27R 985			AMDT: 15B
	HARTSFIELD - JACKSON ATLANTA INTL	DATED: 10/26/2006			

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS PRM - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA
ZINTU INT/ATL 24.33 DME/RADAR (IAF)	YABBA INT/20.75 DME/RADAR	201.99 / 4.44 (HDG) & 273.99 / 2.47 (I-FSQ)	7000	CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA ATL VORTAC R-268 TO TEMPO INT/ATL 30.26 DME AND HOLD.
YABBA INT/20.75 DME/RADAR (IAF)	DEZEE INT/17.13 DME/RADAR	273.99 / 3.62 (I-FSQ)	6000*	
DEZEE INT/17.13 DME/RADAR	DOOOH INT/13.99 DME/RADAR	273.99 / 3.14 (I-FSQ)	5000*	
DOOOH INT/13.99 DME/RADAR (IF)	ANVAL INT/10.84 DME/RADAR	273.99 / 3.15 (I-FSQ)	4000*	
ANVAL INT/10.84 DME/RADAR	DEPOT INT/7.05 DME/RADAR	273.99 / 3.79 (I-FSQ)	2800	ADDITIONAL FLIGHT DATA: HOLD W, RT, 088.15 INBOUND. CHART (CUMRA) AT INTERSECTION OF DR SEGMENT AND INITIAL COURSE CHART: LOC RWYS 26L, 26R AND 28

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT YABBA
- FAC: 273.99 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: YABBA 7000, DEZEE 6000*, DOOOH 5000*, ANVAL 4000*
- DIST TO THLD FROM OM: MM: IM: 1103 150 HAT: 100 HAT: 1091 GS ANT: 1076
- MIN GS INCPT: 2800 GS ALT AT: DEPOT INT/7.05 DME/RADAR 2800 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 57.0
- MSA FROM: ATL VORTAC 3100

MAG VAR: 4W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		ILS: STANDARD								
CATEGORY	====>	A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27L		1199	1800	200	1199	1800	200	1199	1800	200	1199	1800	200			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 27L: DA 1099 MSL, 122
RA, RVR 1200, HAT 100; CAT A, B, C, D.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

SEE 8260-10

CITY AND STATE	ELEVATION: 1026 TDZE: 999	FACILITY IDENTIFIER: I-FSQ	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: 19 NOV 2009	SUP:
ATLANTA, GA	AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL		ILS PRM RWY 27L, AMDT 1; ILS PRM RWY 27L (CAT II) (SIMULTANEOUS CLOSE PARALLEL)	AMD'T: ORIG
				DATED 01/18/2007

ILS PRM - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000, 5000, OR 6000

CHART NOTE: SIMULTANEOUS CLOSE PARALLEL APPROACHES AUTHORIZED WITH ILS PRM RWY 26L OR 26R AND RWY 28.

CAT II CHART NOTE: PROCEDURE DOES NOT MEET ICAO STANDARD FOR ALSF/TDZ/CL LIGHTING SYSTEMS.

AUTHORIZATION TO CONDUCT THIS APPROACH REQUIRES SPECIFIC OPS SPEC APPROVAL OR LOA FOR THIS RUNWAY.

CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN GLIDESLOPE NOT AVAILABLE.

CHART NOTE: DUAL VHF COMM REQUIRED.

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON ADJACENT INFORMATION PAGE.

CITY AND STATE

ATLANTA, GA

ELEVATION: 1026 TDZE: 999

AIRPORT NAME:

HARTSFIELD - JACKSON ATLANTA INTL

FACILITY
IDENTIFIER:

I-FSQ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

19 NOV 2009

ILS PRM RWY 27L, AMDT 1 ; ILS PRM RWY 27L (CAT II)
(SIMULTANEOUS CLOSE PARALLEL)

SUP:

AMDT: ORIG

DATED: 01/18/2007

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	
ZINTU (IAF)	YABBA (FB)	225.76 / 5.76	7000	LPV: DA LNAV/VNAV: DA LNAV: RW27L
YABBA (IAF)	DEZEE (FB)	272.20 / 3.62	6000	
DEZEE	DOOOH (FB)	272.16 / 3.14	5000	CLIMB TO 4000 DIRECT CALUP AND VIA TRACK 269.30 TO TEMPO AND HOLD.
DOOOH (IF)	ANVAL (FB)	272.13 / 3.15	4000	
ANVAL	DEPOT (FB)	272.09 / 3.79	2800	ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.15 INBOUND. CHART FAS OBST: 1134 ANT ON STROBE LTD TWR 333717N/0842416W CHART FAS OBST: 1357 CTRL TWR 333830N/0842516W DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.75 MILES TO RW27L* *LNAV ONLY. WAAS CHANNEL # 65700 REFERENCE PATH ID: W27A

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT YABBA
 3. FAC: 272.05 FAF: DEPOT DIST FAF TO MAP: 5.44 THLD: 5.44
 4. MIN. ALT: YABBA 7000, DEZEE 6000, DOOOH 5000, ANVAL 4000, DEPOT 2800
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 2800 GS ALT AT: DEPOT 2800 OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
 8. MSA FROM: RW27L 3100

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	1199	2400	200	1199	2400	200	1199	2400	200	1199	2400	200			
LNAV/VNAV DA	1489	6000	490	1489	6000	490	1489	6000	490	1489	6000	490			
LNAV MDA	1620	2400	621	1620	2400	621	1620	6000	621	1620	1 1/2	621			

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV VISIBILITY TO 1 3/4 ALL CATS.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE ATLANTA, GA	ELEVATION: 1026 TDZE: 999 AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 27L, AMDT 3 19 NOV 2009	SUP:
				AMDT: 2
				DATED 05/10/2007

QUALITY
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 INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KATL
RUNWAY RW27L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W27A
LTP/FTP LATITUDE 333754.5630N
LTP/FTP LONGITUDE 0842506.2410W
LTP/FTP ELLIPSOIDAL HEIGHT +02708
FPAP LATITUDE 333754.5300N
FPAP LONGITUDE 0842652.6800W
THRESHOLD CROSSING HEIGHT (TCH) 00057.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

AB0E450E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +03002
FPAP ORTHOMETRIC HEIGHT +03002

CITY AND STATE

ATLANTA, GA

ELEVATION: 1026 TDZE: 999

AIRPORT NAME:

HARTSFIELD - JACKSON ATLANTA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 27L, AMDT 3

19 NOV 2009

SUP:

AMDT: 2

DATED: 05/10/2007



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	10	11	12	13
SUSAP	KATLK7FR27LY	AYABBA	010YABBAK7EA0E	A	IF					18000		A	JS
SUSAP	KATLK7FR27LY	AYABBA	020DEZBEK7EA0E		010TF		27220036	+	06000			A	JS
SUSAP	KATLK7FR27LY	AYABBA	030DOOCHK7EA0EE		010TF		27220031	+	05000			A	JS
SUSAP	KATLK7FR27LY	AZINTU	010ZINTUK7EA0E	A	IF					18000		A	JS
SUSAP	KATLK7FR27LY	AZINTU	020YABBAK7EA0E		010TF		22580058	+	07000			A	JS
SUSAP	KATLK7FR27LY	AZINTU	030DEZBEK7EA0E		010TF		27220036	+	06000			A	JS
SUSAP	KATLK7FR27LY	AZINTU	040DOOCHK7EA0EE		010TF		27220031	+	05000			A	JS
SUSAP	KATLK7FR27LY	R	010DOOCHK7EA0E	I	IF					18000		A	JS
SUSAP	KATLK7FR27LY	R	011ANVALK7EA0E	S	051TF		27210032	+	04000			A	JS
SUSAP	KATLK7FR27LY	R	020DEPOTK7EA1E	F	051TF		27210038	+	02800			RW27L	K7PGA JS
SUSAP	KATLK7FR27LY	R	020DEPOTK7EA2WALPV			ALNAV/VNAV							JS
SUSAP	KATLK7FR27LY	R	030RW27LK7PG0GY	M	031TF		27210054		01042		-300	A	JS
SUSAP	KATLK7FR27LY	R	040CALUPK7EA0E	M	010DF							A	JS
SUSAP	KATLK7FR27LY	R	050TEMPOK7EA0EY		010TF		2693	+	04000			A	JS
SUSAP	KATLK7FR27LY	R	060TEMPOK7EA0EE		R020HM		09020040	+	04000			A	JS

QUALITY
CHECKED

CITY AND STATE ATLANTA, GA	ELEVATION: 1026 TDZE: 999 AIRPORT NAME: HARTSFIELD - JACKSON ATLANTA INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 27L, AMDT 3 19 NOV 2009	SUP:
				AMDT: 2
				DATED: 05/10/2007

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

SUSAP KATLK7GRW27L 0090002720 N33375456W084250624+0500 +0270800985000057150I

SUSAP KATLK7PR27LY RW27L001Y0000W27A0N3337545630W08425062410+027080300N3337545300W08426526800106750000000570P400350AR0E450E
SUSAP KATLK7PR27LY RW27L002E +03002+03002LEV 65700

SUSAP KATLK7SRW27LK7PG 0 18018003125

SUP:	
AMDT:	2
DATED:	05/10/2007

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YABBA	YABBA	010	IAF	IF		FB				
	YABBA	DEZEE	020		TF		FB	1.0	272.2 (270T)	003.6	06000
	YABBA	DOOOH	030		TP		FB	1.0	272.2 (270T)	003.1	05000
	ZINTU	ZINTU	010	IAF	IF		FB				
	ZINTU	YABBA	020		TF		FB	1.0	225.8 (224T)	005.8	07000
	ZINTU	DEZEE	030		TF		FB	1.0	272.2 (270T)	003.6	06000
	ZINTU	DOOOH	040		TF		FB	1.0	272.2 (270T)	003.1	05000
		DOOOH	010	FACF	IF		FB				05000
		ANVAL	011	SDF	TF		FB	0.5	272.1 (270T)	003.2	04000
		DEPOT	020	FAF	TF		FB	0.5	272.1 (270T)	003.8	02800
		RW27L	030	MAP	TP		FO	0.3	272.1 (270T)	005.4	01042

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CALUP	040		DF		FB	1.0			
	TEMPO	050		TF		FO	1.0	269.3 (267T)		04000
	TEMPO	060		HM	R	FO	2.0	090.2 (088T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANVAL	N333754.16	W0841402.98	N3337.903	W08414.050
	CALUP	N333754.28	W0843242.58	N3337.905	W08432.710
	DEPOT	N333754.45	W0841835.41	N3337.908	W08418.590
	DEZEE	N333753.33	W0840630.99	N3337.889	W08406.517
	DOOOH	N333753.80	W0841016.62	N3337.897	W08410.277
	TEMPO	N333640.69	W0850219.09	N3336.678	W08502.318
	YABBA	N333752.64	W0840211.10	N3337.877	W08402.185
	ZINTU	N334202.90	W0835724.72	N3342.048	W08357.412
	RW27L	N333754.56	W0842506.24	N3337.909	W08425.104

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27L	00985		57

QUALITY
CHECKED

CITY AND STATE
ATLANTA, GA

ELEVATION: 1026 TDZE: 999
 AIRPORT NAME:
 HARTSFIELD - JACKSON ATLANTA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 27L, AMDT 3
 19 NOV 2009

SUP:
 AMDT: 2
 DATED: 05/10/2007

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							
ZINTU (IAF) (40E) (43A)		YABBA (TF)(FB)(RNP 0.50)(40E)		225.76/5.76				7000		CLIMB TO 4000 VIA TRACK 271.99 TO CALUP AND VIA TRACK 269.30 TO TEMPO AND HOLD.							
YABBA (IAF)(40E)(43A)		DEZEE (TF)(FB)(RNP 0.50)(40E)		272.20/3.62				6000									
DEZEE (40E)		DOOOH (TF)(FB)(RNP 0.50)(40E) (41E)		272.16/3.14				5000									
DOOOH (IF)(40E)(43I)		ANVAL (TF)(FB)(RNP 0.50)(40E) (42S)		272.13/3.15				4000									
ANVAL (40E)(42S)		DEPOT (TF)(FB)(RNP 0.50)(40E) (43F)		272.09/3.79				2800		ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.15 INBOUND CHART FAS OBST: 1037 TRMSN LINE 333819N/0842422W CHART FAS OBST: 1014 TRMSN LINE 333814N/0842422W DISTANCE TO THLD FROM 252 HAT: 0.66 NM							
DEPOT (FAF)(40E)(43F)		RW27L (TF)(FO)(40G)(41Y)(43M)		272.05/5.44													
RW27L (MAP)(40G)(41Y)(43M)		CALUP (TF)(FB)(RNP 1.00) (40E)(42M)		271.99/6.35													
CALUP (40E)(42M)		TEMPO (TF)(FO)(RNP 1.00) (40E)(41Y)		269.30/24.76				4000									
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT YABBA 3. FAC: 272.05 FAF: DIST FAF TO MAP: THLD: 4. MIN. ALT: YABBA 7000, DEZEE 6000, DOOOH 5000, ANVAL 4000 DEPOT 2800 5. DIST TO THLD FROM OM: 5.44 MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCP: 2800 GS ALT AT: DEPOT 2800 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 57.0# 34:1 IS NOT CLEAR 8. MSA FROM: RW27L 3200												ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 1041.8 MSL (DO NOT CHART)					
												MAG VAR: 2W EPOCH YEAR: 85					
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	
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED																	
RNP 0.11 DA	1251	4000	252	1251	4000	252	1251	4000	252	1251	4000	252					
RNP 0.15 DA	1324	4000	325	1324	4000	325	1324	4000	325	1324	4000	325					
RNP 0.30 DA	1471	6000	472	1471	6000	472	1471	6000	472	1471	6000	472					
NOTES: CHART NOTES: GPS REQUIRED. FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 5000, RNP 0.15 ALL CATS VISIBILITY TO RVR 6000, RNP 0.30 ALL CATS VISIBILITY TO 1 3/4. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (17F) OR ABOVE 46C (116F). VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PLANVIEW NOTE AT ZINTU AND YABBA: (RNP 0.50) CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.																	
CITY AND STATE		ELEVATION: 1026 TDZE: 999		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 19 NOV 2009 RNAV (RNP) Z RWY 27L, AMDT 1						SUP: AMDT: ORIG DATE: 5/10/2007					
ATLANTA, GA		HARTSFIELD-JACKSON ATLANTA INTL															



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY-VERSION 424-18

ROUTES TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
YABBA	YABBA	010	IAF	IF		FB				
YABBA	DEZEE	020	SDF	TF		FB	0.50	272.2 (270T)	003.6	06000
YABBA	DOOOH	030	IF	TF		FB	0.50	272.2 (270T)	003.1	05000
ZINTU	ZINTU	010	IAF	IF		FB				
ZINTU	YABBA	020	SDF	TF		FB	0.50	225.8 (224T)	006.8	07000
ZINTU	DEZEE	030	SDF	TF		FB	0.50	272.2 (270T)	003.6	06000
	DOOOH	040	IF	TF		FB	0.50	272.2 (270T)	003.1	05000
	DOOOH	010	FACF	IF		FB				
	ANVAL	011	SDF	TF		FB	0.50	272.1 (270T)	003.2	04000
	DEPOT	020	FAF	TF		FB	0.50	272.1 (270T)	003.8	02800
	RW27L	030	MAP	TF		FO	0.30	272.1 (270T)	005.4	01042 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
CALUP	CALUP	040		TF		FB	1.0	272.0 (270)	006.4	
TEMPO	TEMPO	050		TF		FO	1.0	269.3 (267T)	024.8	04000
TEMPO	TEMPO	060		HM	R	FO	2.0	090.2 (088T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
ANVAL	ANVAL	333754.16N	0841402.98W	3337.903N	08414.050W
CALUP	CALUP	333754.28N	0843242.58W	3337.905N	08432.710W
DEPOT	DEPOT	333754.45N	0841835.41W	3337.908N	08418.590W
DEZEE	DEZEE	333753.33N	0840630.99W	3337.889N	08406.517W
DOOOH	DOOOH	333753.80N	0841016.62W	3337.897N	08410.277W
TEMPO	TEMPO	333640.69N	0850219.09W	3336.678N	08502.318W
YABBA	YABBA	333752.64N	0840211.10W	3337.877N	08402.185W
ZINTU	ZINTU	334202.90N	0835724.72W	3342.048N	08357.412W
RW27L	RW27L	333754.56N	0842506.24W	3337.909N	08425.104W

RUNWAY DATA	RWY	THLD ELEV	TCH
27L	27L	00985	57

CITY AND STATE

ATLANTA, GA

ELEVATION:

1026 TDZE:

999

AIRPORT NAME:

HARTSFIELD-JACKSON ATLANTA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

19 NOV 2009

RNAV (RNP) Z RWY 27L, AMDT 1

SUP:

AMDT:

DATED: 5/10/2007

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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAB: RW11 CLIMBING RIGHT TURN TO 2100 DIRECT VNA VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 090.00 INBOUND. CHART FAS OBST: 569 TREE 322425N/0831931W CHART 689 TOWER 322444N/0832142W. WEKED TO RW11: 3.04/45
MCN VORTAC	TILCU (FB)	139.95 / 13.44	2100	
VNA VORTAC	HIGEN (FB)	357.72 / 9.11	2100	
HIGEN (IAF)	COSSA (NOPT) (FB)	016.93 / 5.00	2100	
TILCU (IAF)	COSSA (NOPT) (FB)	196.95 / 5.00	2100	
COSSA (IF/IAF)	WEKED (FB)	106.94 / 6.04	1900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W COSSA, LT, 106.94 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 107.00 FAF: WEKED DIST FAF TO MAP: 4.58 THLD: 4.58
- MIN. ALT: COSSA 2100, WEKED 1900, JATAV/2.30 NM TO RW11 1160
- 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: RW11 2600

MAG VAR: 3W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	STANDARD	X	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
LNAB MDA	880	1	503	880	1	503	880	1 1/2	503		NA				
CIRCLING	880	1	503	900	1	523	900	1 1/2	523		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE DUBLIN ALTIMETER SETTING; WHEN NOT RECEIVED, USE MIDDLE GEORGIA RGNL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

CITY AND STATE COCHRAN, GA	ELEVATION: 377 TDZE: 377 AIRPORT NAME: COCHRAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, ORIG 19 NOV 2009	SUP: AMDT: NONE DATED
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 48A K7FR11	ACOSSA	010COSSAK7EA0EE	AL	HF			10690040	+	02100	18000		B JS	
SUSAP 48A K7FR11	AMCN	010MCN	K7D 0V	IF						18000		B JS	
SUSAP 48A K7FR11	AMCN	020TILCUK7EA0E	A	020TF			14000134	+	02100			B JS	
SUSAP 48A K7FR11	AMCN	030COSSAK7EA0EE		010TF			19700050	+	02100			B JS	
SUSAP 48A K7FR11	AVNA	010VNA	K7D 0V	IF						18000		B JS	
SUSAP 48A K7FR11	AVNA	020HIGENK7EA0E	A	020TF			35770091	+	02100			B JS	
SUSAP 48A K7FR11	AVNA	030COSSAK7EA0EE		010TF			01690050	+	02100			B JS	
SUSAP 48A K7FR11	R	010COSSAK7EA0E	I	IF				+	02100	18000		B JS	
SUSAP 48A K7FR11	R	020WEKEDK7EA1E	F	051TF			10690060	+	01900		RW11	K7PGB JS	
SUSAP 48A K7FR11	R	020WEKEDK7EA2WN			N	ALNAV						JS	
SUSAP 48A K7FR11	R	021JATAVK7EA0E	S	031TF			10700023	V	0116001169		-304	B JS	
SUSAP 48A K7FR11	R	030RW11	K7PGOGY	M	031TF		10700023		00422		-304	B JS	
SUSAP 48A K7FR11	R	040VNA	K7D 0VYM	R010DF					02100			B JS	
SUSAP 48A K7FR11	R	050VNA	K7D 0VE	L020HM			09000040	+	02100			B JS	

QUALITY
CHECKED

CITY AND STATE COCHRAN, GA	ELEVATION: 377 TDZE: 377 AIRPORT NAME: COCHRAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, ORIG 19 NOV 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 48A K7GRW11 0044011071 N32241107W083171367-1000 +0087400377000045075R

SUSAP 48A K7SRW11 K7PG 0 18018002625 M

QUALITY
CHECKED

CITY AND STATE COCHRAN, GA	ELEVATION: 377 TDZE: 377 AIRPORT NAME: COCHRAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, ORIG 19 NOV 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
	COSSA	COSSA	010	IAF	HF	L	FO		106.9(104T)	004.0	02100
	MCN	MCN	010		IF		FB				
	MCN	TILCU	020	IAF	TF		FB	2.0	140.0(137T)	013.4	02100
	MCN	COSSA	030		TF		FB	1.0	197.0(194T)	005.0	02100
	VNA	VNA	010		IF		FB				
	VNA	HIGEN	020	IAF	TF		FB	2.0	357.7(355T)	009.1	02100
	VNA	COSSA	030		TF		FB	1.0	016.9(014T)	005.0	02100
		COSSA	010	FACF	IF		FB				02100
		WEKED	020	FAF	TF		FB	0.5	106.9(104T)	006.0	01900
		JATAV	021	SDF	TF		FB	0.3	107.0(104T)	002.3	0116001169
		RW11	030	MAP	TF		FO	0.3	107.0(104T)	002.3	00422

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	VNA	040		DF	R	FO	1.0			02100
	VNA	050		HM	L	FO	2.0	090.0(087T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MCN	N324128.26	W0833849.86	N3241.471	W08338.831
	VNA	N321248.39	W0832950.12	N3212.807	W08329.835
	COSSA	N322645.49	W0832924.13	N3226.758	W08329.402
	HIGEN	N322153.72	W0833049.46	N3221.895	W08330.824
	JATAV	N322444.61	W0831951.81	N3224.744	W08319.864
	TILCU	N323137.24	W0832758.65	N3231.621	W08327.978
	WEKED	N322517.86	W0832228.84	N3225.298	W08322.481
	RW11	N322411.07	W0831713.67	N3224.185	W08317.228

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW11	00377	45

QUALITY
CHECKED

CITY AND STATE
COCHRAN, GA

ELEVATION: 377 TDZE: 377
 AIRPORT NAME:
 COCHRAN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 11, ORIG
 19 NOV 2009

SUP:
 AMDT: NONE
 DATED:

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 5, STANDARD.

RWY 23, 600- 3 WITH MINIMUM CLIMB OF 240 FT PER NM TO 2600 OR 1000-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 23 - CLIMB HEADING 231.72 TO 2500 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS SPRING HILL AIRPORT AT OR ABOVE 2600 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 333' FROM DER, 271' LEFT OF CENTERLINE, UP TO 100' AGL/1719' MSL. BLDG AND TREES BEGINNING 259' FROM DER, 265' RIGHT OF CENTERLINE, UP TO 100' AGL/1799' MSL.

NOTE: RWY 23, TREES BEGINNING 51' FROM DER, 202' LEFT OF CENTERLINE, UP TO 100' AGL/1859' MSL. TERRAIN AND TREES BEGINNING 482' FROM DER, 195' RIGHT OF CENTERLINE, UP TO 100' AGL/1879' MSL.

(4) CONTROLLING OBSTACLES:

RWY 23: 2259 MSL AAO 411908.40N/0752625.50W. 2199 MSL AAO 411853.90N/0752734.20W. 2199 MSL AAO 411823.90N/0752649.00W. 2319 MSL AAO 411708.80N/0752718.30W. 2339 MSL AAO 411701.70N/0752639.20W.

RWY 23 (VCOA): 2359 MSL AAO 411710.35N/0752425.50W.



(5) City, State STERLING, PA	(6) Airport SPRING HILL	(7) Effective Date 19 NOV 2009	(8) Amdt. No. 1
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME 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: ABR 3.38 DME FIX
ABR VOR/DME	DASHL/8.00 DME	305.23 / 8.00	3000	CLIMB TO 3000 DIRECT ABR VOR/DME AND HOLD.
OPILY/16.00 DME CCW (IAF)	HAKRE/16.00 DME (NOPT)	16.00 DME ARC (ABR LR-313)	3000	
OPJIM/16.00 DME CW (IAF)	HAKRE/16.00 DME (NOPT)	16.00 DME ARC (ABR LR-298)	3000	
HAKRE/16.00 DME (IF)	DASHL/8.00 DME	125.23 / 8.00 (ABR R-305)	3000	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 305.00 INBOUND. CHART FAS OBST: 1530 TOWER 452912N/0982951W CHART VDP AT 4.73 DME; DISTANCE VDP TO THLD 1.34 MILES. CHART ABR R-225 AT OPJIM. CHART ABR R-031 AT OPILY. DASHL TO RW13: 3.36/51.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW DASHL, RT, 125.23 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC 125.23 FAF DASHL/8.00 DME DIST FAF TO MAP THLD 4.62
- MIN. ALT DASHL 3000
- MSA FROM: ABR VOR/DME 330-150 4100, 150-330 3000

MAG VAR: 7E

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-13	1780	1	478	1780	1	478	1780	1 1/4	478	1780	1 1/2	478				
CIRCLING	1780	1	478	1780	1	478	1780	1 1/2	478	1860	2	558				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERTOWN ALTIMETER SETTING AND INCREASE ALL MDA 220 FEET, INCREASE S-13 CATS C AND D VISIBILITY 3/4 MILE AND CIRCLING CATS C AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED

CITY AND STATE ABERDEEN, SD	ELEVATION: 1302 TDZE: 1302 AIRPORT NAME: ABERDEEN REGIONAL	FACILITY IDENTIFIER: ABR	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 13, AMDT 13A 19 NOV 2009	SUP AMDT 13 DATE 10/22/2009
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.23**

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NOTES CONT.

D VISIBILITY 1/2 MILE.

CHART NOTE: VDP NA WHEN USING WATERTOWN ALTIMETER SETTING.

QUALITY
1
CHECKED

CITY AND STATE

ABERDEEN, SD

ELEVATION: 1302 TDZE: 1302

AIRPORT NAME:

ABERDEEN REGIONAL

FACILITY
IDENTIFIER:

ABR

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR/DME RWY 13, AMDT 13A

19 NOV 2009

SUP:

AMDT: 13

DATED: 10/22/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME 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: CUZGO/13.77 DME CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 VIA BPT R-049 TO HEMPI/18.80 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 229.00 INBOUND. CHART FAS OBST: 298 TOWER 300525N/0934714W CHART VDP AT 15.55 DME; DISTANCE VDP TO THLD 1.78 MILES. CHART MAXIMUM 6000 AT HEMPI. HEMPI TO RW22: 3.08/45 FAC CROSSES RWY C/L EXTENDED 1586 FROM THLD.											
BPT VOR/DME	HEMPI/18.80 DME	049.00 / 18.80	1800												
1. PT <u>R</u> SIDE OF COURSE <u>049.00</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>HEMPI</u> (IAF) 2. _____ 3. FAC <u>229.00</u> FAF <u>HEMPI/18.80 DME</u> DIST FAF TO MAP _____ THLD <u>5.03</u> 4. MIN. ALT <u>HEMPI 1700</u> 8. MSA FROM: <u>BPT VOR/DME 035-135 3100, 135-035 2300</u>					MAG VAR: 7E 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-22	600	1	587	600	1	587	600	1 1/2	587		NA				
CIRCLING	660	1	647	660	1	647	660	1 3/4	647		NA				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: CIRCLING NA TO RWY 13/31. CHART NOTE: VDP NA WHEN USING SOUTHEAST TEXAS RGNL ALTIMETER SETTING. SEE 8260-10															
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 13 TDZE: 13		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP		VOR/DME OR GPS			
ORANGE, TX		AIRPORT NAME:		BPT		VOR/DME RWY 22, AMDT 2				AMDT		RWY 22			
		ORANGE COUNTY				19 NOV 2009				DATE		10/27/2005			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.23

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHEAST TEXAS RGNL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND INCREASE S-22 AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE
ORANGE, TX

ELEVATION: 13 TDZE: 13
AIRPORT NAME:
ORANGE COUNTY

FACILITY
IDENTIFIER:
BPT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
VOR/DME RWY 22, AMDT 2
19 NOV 2009

SUP: VOR/DME OR GPS
RWY 22
AMDT: 1A
DATED: 10/27/2005

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 3: CLIMBING LEFT TURN HEADING 296 TO INTERCEPT OLS VOR/DME R-326 TO ARVEY INT/OLS 18.03 DME, OR FOR CLIMB IN VISUAL CONDITIONS CROSS NOGALES INTL AIRPORT AT OR ABOVE 5,100' THEN CLIMB VIA OLS R-326 TO ARVEY, THENCE...

TAKEOFF RWY 21: CLIMBING RIGHT TURN HEADING 356 TO INTERCEPT OLS VOR/DME R-326 TO ARVEY, INT/OLS 18.03 DME, OR FOR CLIMB IN VISUAL CONDITIONS CROSS NOGALES INTL AIRPORT ABOVE 5,100' THEN CLIMB VIA OLS R-326 TO ARVEY, THENCE...

...VIA TUS VORTAC R-176 TO CROSS TUS VORTAC AT OR ABOVE MEA/MCA FOR ASSIGNED ROUTE OF FLIGHT.

(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 3 - 300-1 1/4 WITH MINIMUM CLIMB OF 335' PER NM TO 7000 OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 21 - STANDARD WITH MINIMUM CLIMB OF 350' PER NM TO 7000 OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

(4) Takeoff Obstacle Notes: NOTE: RWY 3, TREES AND BUSHES BEGINNING 123' FROM DER, 88' RIGHT OF CENTERLINE, 98' AGL/4253' MSL. TREES AND POLES BEGINNING 335' FROM DER, 13' LEFT OF CENTERLINE, UP TO 67' AGL/4087' MSL. NOTE: RWY 21, BUSH 117' FROM DER, 49' RIGHT OF CENTERLINE, 5' AGL/3842' MSL. BUSH 119' FROM DER, 201' LEFT OF CENTERLINE, UP TO 5' AGL/3844' MSL.

(5) Controlling Obstacles: RWY 3: 4135 MSL TREE 312543.54N/1104953.50W, 4253 MSL TREE 312603.54N/1104926.57W, 4799 MSL AAO 312758.20N/1104748.98W. RWY 21: 4765 MSL AAO 312346.50N/1105521.84W, 6204 MSL AAO 313201.64N/1105744.57W. RWY 3, 21 (VCOA): 4765 MSL AAO 312346.50N/1105521.84W

(6) Fixes and/or NAVAID'S :

(7) DP Name NOGALES	(8) Number ONE	(9) DP Computer Code OLS1.OLS	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 17 DEC 2009
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(13) Airports Served					
Airport Name NOGALES INTL			City/State NOGALES, AZ		
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, TUCSON APP CON, UNICOM					
(16) Additional Flight Data: CHART: V395, CHART R-2303 A & B. CHART UNITED STATES/MEXICO BORDER.					
(17) Continuation:					
(7) DP Name NOGALES		(8) Number ONE	(9) DP Computer Code OLS1.OLS	(10) Superseded Number NONE	(11) Dated
					(12) Effective Date 17 DEC 2009

QUALITY
1
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	
PXR VORTAC (IF/IAF)	GELTS (FB)	002.70 / 6.00	3800	LNAV: MABAW
				CLIMBING LEFT TURN TO 4200 DIRECT PXR VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1587 ANTENNA ON POLE 333647N/1115448W FAC CROSSES MID POINT OF RWY 3-21.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S PXR VORTAC, LT, 002.70 INBOUND, 4200 FT. IN LIEU OF PT (IAF)
- FAC: 002.78 FAF: GELTS DIST FAF TO MAP: 5.17 THLD:
- MIN. ALT: PXR VORTAC 4200, GELTS 3800, ILELE/2.00 NM TO MABAW 2720
- 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 CLEAR
- MSA FROM: MABAW 7700

MAG VAR: 12E 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
CIRCLING		2040	1	530	2060	1	550	2060	1 1/2	550		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 100 FT; INCREASE CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PXR VORTAC AIRWAY RAIDALS 143 CW 260.

CITY AND STATE SCOTTSDALE, AZ	ELEVATION: 1510 TDZE: AIRPORT NAME: SCOTTSDALE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-E, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED
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Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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]

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

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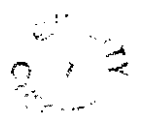
ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PXR	PXR	010	IAF	HF	L	FO		002.7(015T)	005.0	04200
		PXR	010	FACF	IF		FB				04200
		GELTS	020	FAF	TF		FB	0.5	002.7(015T)	006.0	03800
		ILELE	021	SDF	TF		FB	0.3	002.8(015T)	003.2	02720
		MABAW	030	MAP	TF		FO	0.3	002.8(015T)	002.0	02060

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PXR	040		DF	L	FO	1.0			04200
	PXR	050		HM	L	FO	2.0	002.7(015T)	005.0	04200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PXR	N332558.87	W1115812.72	N3325.981	W11158.212
	GELTS	N333147.72	W1115623.44	N3331.795	W11156.391
	ILELE	N333451.69	W1115525.44	N3334.862	W11155.424
	MABAW	N333647.93	W1115448.77	N3336.799	W11154.813

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH



CITY AND STATE SCOTTSDALE, AZ	ELEVATION: 1510 TDZE: AIRPORT NAME: SCOTTSDALE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-E, ORIG 17 DEC 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	
EKR VOR/DME	ZALIS (FO)	198.97 / 18.38	11200	LNAV: RW03
RIL VOR/DME (IAF)	ZALIS (NOPT) (FB)	296.78 / 25.94	11200	
HAPRA (IAF)	ZALIS (NOPT) (FB)	025.35 / 3.26	11200	CLIMBING RIGHT TURN TO 11200 DIRECT ZALIS AND HOLD.
ZALIS (IF/IAF)	PETOY (FB)	025.38 / 9.00	9800	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 7604 TREE 395813N/1075659W CHART VDP AT 4.81 MILES TO RW03. PETOY TO RW03: 3.57/40.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW ZALIS, RT, 025.38 INBOUND, 11200 FT. IN LIEU OF PT (IAF)
- FAC: 025.46 FAF: PETOY DIST FAF TO MAP: 9.00 THLD: 9.00
- MIN. ALT: ZALIS 11200, PETOY 9800, WAGOK/5.78 NM TO RW03 8580
- 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: RW03 13100

MAG VAR: 14E

EPOCH YEAR: 1980

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	7920	1 1/4	1553	7920	1 1/2	1553	7920	3	1553			NA				
CIRCLING	7920	1 1/4	1499	7920	1 1/2	1499	7920	3	1499			NA				
	</															

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 3-21.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ CAT A, B 1500-2, CAT C 1500-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MEEKER, CO	ELEVATION: 8421 TDZE: 6367 AIRPORT NAME: MEEKER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-B 17 DEC 2009	SUP: AMDT: ORIG-A DATED 11/25/2004
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**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 KEEOK2FR03	AEKR	010EKR	K2D 0V	IF						18000		B JS	
SUSAP KEEOK2FR03	AEKR	020ZALISK2EAGEY	020TF			19900184	+	11200				B JS	
SUSAP KEEOK2FR03	AEKR	030ZALISK2EAGEE	AR HF			02540060	+	11200				B JS	
SUSAP KEEOK2FR03	AHAPRA	010HAPRAK2EAGE	A IF							18000		B JS	
SUSAP KEEOK2FR03	AHAPRA	020ZALISK2EAGEE	010TF			02540033	+	11200				B JS	
SUSAP KEEOK2FR03	ARIL	010RIL	K2D 0V A IF							18000		B JS	
SUSAP KEEOK2FR03	ARIL	020ZALISK2EAGEE	010TF			29680259	+	11200				B JS	
SUSAP KEEOK2FR03	R	010ZALISK2EAGE	I IF				+	11200		18000		B JS	
SUSAP KEEOK2FR03	R	020PETOYK2EAE1E	F 051TF			02540090	+	09800			RW03 K2PGB	JS	
SUSAP KEEOK2FR03	R	020PETOYK2EAE2WN		N	ALNAV							JS	
SUSAP KEEOK2FR03	R	021WAGOKK2EAGE	S 031TF			02550032	V	0858008609		-357		B JS	
SUSAP KEEOK2FR03	R	030RW03 K2PGSGY	M 031TF			02550058		06388		-357		B JS	
SUSAP KEEOK2FR03	R	040ZALISK2EAGEYM	R010DF				+	11200				B JS	
SUSAP KEEOK2FR03	R	050ZALISK2EAGEE	R020HM			02540060	+	11200				B JS	

CITY AND STATE

MEEKER, CO

ELEVATION: 6421 TDZE: 6367

AIRPORT NAME:

MEEKER

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG-B

17 DEC 2009

SUP:

AMDT. ORIG-A

DATED: 11/25/2004

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[illegible]

CITY AND STATE MEEKER, CO	ELEVATION: 6421 TDZE: 6367 AIRPORT NAME: MEEKER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG-B 17 DEC 2009	SUP:
				AMDT: ORIG-A
				DATED: 11/25/2004

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-13 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
EKR		EKR	010		IF		FB				
EKR		ZALIS	020	IAF	TF		FO	2.0	199.0 (213T)	018.4	11200
EKR		ZALIS	030		HF	R	FO		025.4 (039T)	006.0	11200
HAPRA		HAPRA	010	IAF	IF		FB				
HAPRA		ZALIS	020		TF		FB	1.0	025.4 (039T)	003.3	11200
RIL		RIL	010	IAF	IF		FB				
RIL		ZALIS	020		TF		FB	1.0	296.8 (311T)	025.9	11200
		ZALIS	010	PACF	IF		FB				11200
		PETOY	020	FAF	TF		FB	0.5	025.4 (039T)	009.0	09800
		WAGOK	021	SDF	TF		FB	0.3	025.5 (040T)	003.2	08580/08609
		RW03	030	MAP	TF		FO	0.3	025.5 (040T)	005.8	06388

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZALIS	040		DF	R	FO	1.0			11200
	ZALIS	050		HM	R	FO	2.0	025.4 (039T)	006.0	11200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EKR	N400402.90	W1075529.57	N4004.048	W10755.493
	RIL	N393141.61	W1074258.61	N3931.694	W10742.977
	HAPRA	N394605.04	W1081109.15	N3946.084	W10811.153
	PETOY	N395533.92	W1080102.77	N3955.565	W10801.046
	WAGOK	N395803.17	W1075823.07	N3958.053	W10758.385
	ZALIS	N394836.44	W1080828.13	N3948.607	W10808.459
	RW03	N400230.92	W1075335.91	N4002.515	W10753.599

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW03	06348		40

CITY AND STATE
MEEKER, CO

ELEVATION: 6421 TDZE: 6367
 AIRPORT NAME:
MEEKER

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG-B
17 DEC 2009

SUP:
 AMDT: **ORIG-A**
 DATED: **11/25/2004**

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: CEXEP/I-TEX 1.18 DME FIX							
ETL VOR/DME (IAF)		HODLO/I-TEX 12.04 DME		108.00 / 5.12				12000		CLIMB TO 11800 THEN CLIMBING RIGHT TURN TO 13500 VIA ETL VOR/DME R-104 TO ETL VOR/DME AND HOLD.							
HODLO/I-TEX 12.04 DME (IF)		ZABGU/I-TEX 6.43 DME		089.90 / 5.61 (I-TEX)				11500									
										ADDITIONAL FLIGHT DATA: HOLD W, LT, 095.00 INBOUND. FAS OBST: 9759 AAO 375858N/1080331W ZABGU TO RW09: 3.59/45. FAC CROSSES RWY C/L EXTENDED 4660 FROM THLD.							
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT HODLO/I-TEX 12.04 DME 3. FAC <u>089.90</u> FAF ZABGU/I-TEX 6.43 DME <u> </u> DIST FAF TO MAP <u> </u> THLD <u>6.25</u> 4. MIN. ALT <u>HODLO 12000, ZABGU 11500</u> 8. MSA FROM: ETL VOR/DME 030-210 15500, 210-030 11300														MAG VAR: 12E		EPOCH YEAR: 2000	
MINIMUMS																	
TAKEOFF: <u> </u>		STANDARD <u>X</u>		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>		@ <u> </u>							
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-9	11340	1 1/4	2303	11340	1 1/4	2303		NA			NA						
CIRCLING	11340	1 1/4	2270	11340	1 1/2	2270		NA			NA						
NOTES: CHART NOTE: CIRCLING NA N OF RWY 9-27. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: USE I-TEX DME WHEN ON THE LOCALIZER COURSE.																	
CITY AND STATE TELLURIDE, CO				ELEVATION: 9070 TDZE: 9037 AIRPORT NAME: TELLURIDE REGIONAL				FACILITY IDENTIFIER: I-TEX		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC/DME RWY 9, AMDT 1 17 DEC 2009				SUP			
														AMDT ORIG-B			
														DATE 07/07/2005			

QUALITY
 6
 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	
				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 17 DEC 2009



CITY AND STATE OXFORD, CT	ELEVATION: 726 TDZE: 726	FACILITY IDENTIFIER: TBY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 18, AMDT 6, 09/28/2006	SUP
	AIRPORT NAME: WATERBURY-OXFORD			AMDT 5A
				DATE 10/05/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EMDUJ (IAF)	VIZAF (NOPT) (FB)	317.22 / 5.00	2100
FEVSI (IAF)	VIZAF (NOPT) (FB)	137.16 / 5.00	2100
VIZAF (IF/IAF)	DUFBO (FB)	047.19 / 6.10	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 2100 DIRECT OFDOY AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 227.30 INBOUND.
CHART FAS OBST: 196 TOWER 260815N/0814646W
DISTANCE TO THLD FROM 287 HAT: 0.78 NM.
WAAS CHANNEL # 73015
REFERENCE PATH ID: W05A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW VIZAF, RT, 047.19 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 047.20 FAF: DUFBO DIST FAF TO MAP: 5.42 THLD: 5.42
- MIN. ALT: VIZAF 2100, DUFBO 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1800 GS ALT AT: DUFBO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3W

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @								
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		295	1	287	295	1	287	295	1	287	295	1	287			
LNAV/VNAV DA		446	1 1/2	438	446	1 1/2	438	446	1 1/2	438	446	1 1/2	438			
LNAV MDA		460	1	452	460	1	452	460	1 1/4	452	460	1 1/2	452			
CIRCLING		500	1	492	500	1	492	500	1 1/2	492	560	2	552			

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING SOUTHWEST FLORIDA INTL ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

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

CITY AND STATE NAPLES, FL	ELEVATION: 8 TDZE: 8 AIRPORT NAME: NAPLES MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 2 17 DEC 2009	SUP: AMDT: 1A DATED 07/10/2003
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RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHWEST FLORIDA INTL ALTIMETER SETTING AND INCREASE ALL DA 56 FEET AND ALL MDA 60 FEET, INCREASE LPV, LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	317/30 CW 137/30 (NOPT)	VIZAF (IF/IAF) (FB)	2100
2.	137/30 CW 227/30	137/20 CW 227/20	2300
3.	137/20 CW 227/20	FEVSI (IAF) (FB)	2100
4.	227/30 CW 317/30	EMDUJ (IAF) (FB)	2100

CITY AND STATE

NAPLES, FL

ELEVATION: 8 TDZE: 8

AIRPORT NAME:

NAPLES MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, AMDT 2

17 DEC 2009

SUP:

AMDT: 1A

DATED: 07/10/2003

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAPF
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	260852.0370N
LTP/FTP LONGITUDE	0814650.8015W
LTP/FTP ELLIPSOIDAL HEIGHT	-00215
FPAP LATITUDE	260956.0700N
FPAP LONGITUDE	0814541.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER A4B214B1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00020
FPAP ORTHOMETRIC HEIGHT	+00020

CITY AND STATE
NAPLES, FL

ELEVATION: 8 TDZE: 8
AIRPORT NAME:
NAPLES MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 5, AMDT 2
17 DEC 2009

SUP:
AMDT: 1A
DATED: 07/10/2003

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

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible]

SUSAAEENRT	DUFBO K70	W	N26045806W081510297	NAR	DUFBO
SUSAAEENRT	EMDUJ K70	W	N25570511W081514765	NAR	EMDUJ
SUSAAEENRT	FEVSI K70	W	N26040458W081594519	NAR	FEVSI
SUSAAEENRT	OFDOY K70	W	N26171720W081374486	NAR	OFDOY
SUSAAEENRT	VIZAF K70	W	N26003490W081554630	NAR	VIZAF

[illegible]

SUSAP KAPFK7AAPF	0	052YHN26090823W081463286W003000008	1800018000C	MNAR	NAPLES MUNI
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[illegible]

SUSAP	KAPFK7FR05	AEMDUJ	010EMDUJK7EA0E	A	IF			18000	A	JS
SUSAP	KAPFK7FR05	AEMDUJ	020VIZAFK7EA0EE		010TF	31720050	+	02100		A JS
SUSAP	KAPFK7FR05	AFEVSI	010FEVSIK7EA0E	A	IF			18000		A JS
SUSAP	KAPFK7FR05	AFEVSI	020VIZAFK7EA0EE		010TF	13720050	+	02100		A JS
SUSAP	KAPFK7FR05	AVIZAF	010VIZAFK7EA0EE	AR	HF	04720040	+	02100	18000	A JS
SUSAP	KAPFK7FR05	R	010VIZAFK7EA0E	I	IF		+	02100	18000	A JS
SUSAP	KAPFK7FR05	R	020DUFBOK7EA1E	F	051TF	04720061	+	01800		A JS
SUSAP	KAPFK7FR05	R	020DUFBOK7EA2WALPV							JS
SUSAP	KAPFK7FR05	R	030RW05 K7PG0GY	M	031TF	04720054		00046	-300	A JS
SUSAP	KAPFK7FR05	R	040OFDOYK7EA0EYM		010DF		+	02100		A JS
SUSAP	KAPFK7FR05	R	050OFDOYK7EA0EE		L020HM	22730040	+	02100		A JS

[illegible]

SUSAP KAPFK7GRW05 0052900472 N26085204W081465080+0000 -0021500006029040150R

[illegible]

SUSAP KAPFK7PR05	RW05 001	0000W05A0N2608520370W08146508015-002150300N2609560700W08145417200106751224000400F400500A4B214B1
SUSAP KAPFK7PR05	RW05 002E	+00020+00020LPV 73015

CITY AND STATE
NAPLES, FL

ELEVATION: 8 TDZE: 8
AIRPORT NAME:
NAPLES MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 5, AMDT 2
17 DEC 2009

SUP:	
AMDT:	1A
DATED:	07/10/2003

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EMDUJ	EMDUJ	010	IAF	IF		FB				
	EMDUJ	VIZAF	020		TF		FB	1.0	317.2 (314T)	005.0	02100
	FEVSI	FEVSI	010	IAF	IF		FB				
	FEVSI	VIZAF	020		TF		FB	1.0	137.2 (134T)	005.0	02100
	VIZAF	VIZAF	010	IAF	HF	R	FO		047.2 (044T)	004.0	02100
		VIZAF	010	FACF	IF		FB				02100
		DUFBO	020	FAF	TF		FB	0.5	047.2 (044T)	006.1	01800
		RW05	030	MAP	TF		FO	0.3	047.2 (044T)	005.4	00046

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OFDOY	040		DF		FO	1.0			02100
	OFDOY	050		HM	L	FO	2.0	227.3 (224T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUFBO	N260458.06	W0815102.97	N2604.968	W08151.050
	EMDUJ	N255705.11	W0815147.65	N2557.085	W08151.794
	FEVSI	N260404.58	W0815945.19	N2604.076	W08159.753
	OFDOY	N261717.20	W0813744.86	N2617.287	W08137.748
	VIZAF	N260034.90	W0815546.30	N2600.582	W08155.772
	RW05	N260852.04	W0814650.80	N2608.867	W08146.847

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00006	40

CITY AND STATE
NAPLES, FL

ELEVATION: 8 TDZE: 8
 AIRPORT NAME:
 NAPLES MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 5, AMDT 2
 17 DEC 2009

SUP:
 AMDT: 1A
 DATED: 07/10/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
POJHY (IAF)	OFDOY (NOPT) (FB)	137.27 / 5.00	2100	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2100 DIRECT VIZAF AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 047.19 INBOUND. CHART FAS OBST: 173 ROD ON STROBE LTD TWR 260935N/0814508W DISTANCE TO THLD FROM 305 HAT: 0.82 NM. WAAS CHANNEL # 69314 REFERENCE PATH ID: W23A											
UGYOW (IAF)	OFDOY (NOPT) (FB)	317.33 / 5.00	2100												
OFDOY (IF/IAF)	TEFDU (FB)	227.30 / 6.10	1600												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE OFDOY, LT, 227.30 INBOUND, 2100 FT. IN LIEU OF PT (IAF) 3. FAC: 227.27 FAF: TEFDU DIST FAF TO MAP: 4.80 THLD: 4.80 4. MIN. ALT: OFDOY 2100, TEFDU 1600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1600 GS ALT AT: TEFDU 1600 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 43.6 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 3W EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N/A										STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	313	1	305	313	1	305	313	1	305	313	1	305			
LNAV/VNAV DA	461	1 1/2	453	461	1 1/2	453	461	1 1/2	453	461	1 1/2	453			
LNAV MDA	440	1	432	440	1	432	440	1 1/4	432	440	1 1/2	432			
CIRCLING	500	1	492	500	1	492	500	1 1/2	492	560	2	552			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: BARO-VNAV NA WHEN USING SOUTHWEST FLORIDA INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10															
CITY AND STATE		ELEVATION: 8 TDZE: 8		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:				
NAPLES, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, AMDT 1					AMDT: ORIG-A				
		NAPLES MUNI				17 DEC 2009					DATED 07/10/2003				

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

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NOTES CONT.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOUTHWEST FLORIDA INTL ALTIMETER SETTING AND INCREASE ALL DA 56 FEET AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	137/30 CW 227/30 (NOPT)	137/6 CW 227/6	2600
2.	137/6 CW 227/6	OFDOY (IF/IAF) (FB)	2100
3.	227/30 CW 317/30 (NOPT)	OFDOY (FB)	2100
4.	317/30 CW 047/30	UGYOW (IAF) (FB)	2100
5.	227/30 CW 317/30	POJHY (IAF) (FB)	2100

CITY AND STATE

NAPLES, FL

ELEVATION: 8 TDZE: 8

AIRPORT NAME:

NAPLES MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG-A

DATED: 07/10/2003

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAPF
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	260927.5195N
LTP/FTP LONGITUDE	0814612.5240W
LTP/FTP ELLIPSOIDAL HEIGHT	-00212
FPAP LATITUDE	260823.4900N
FPAP LONGITUDE	0814721.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00043.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 37C58581

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00024
FPAP ORTHOMETRIC HEIGHT	+00024

QUALITY
CHECKED

CITY AND STATE NAPLES, FL	ELEVATION: 8 TDZE: 8 AIRPORT NAME: NAPLES MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 17 DEC 2009	SUP:
				AMDT: ORIG-A
				DATED: 07/10/2003

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAPFK7FR23	AOFOY	010OFOYK7EA0EE	AL	HF		22730040	+	02100	18000		A	JS
SUSAP	KAPFK7FR23	APOJHY	010POJHYK7EA0E	A	IF					18000		A	JS
SUSAP	KAPFK7FR23	APOJHY	020OFOYK7EA0EE		010TF		13730050	+	02100			A	JS
SUSAP	KAPFK7FR23	AUGYOW	010UGYOWK7EA0E	A	IF					18000		A	JS
SUSAP	KAPFK7FR23	AUGYOW	020OFOYK7EA0EE		010TF		31730050	+	02100			A	JS
SUSAP	KAPFK7FR23	R	010OFOYK7EA0E	I	IF			+	02100	18000		A	JS
SUSAP	KAPFK7FR23	R	020TEFDUK7EA1E	F	051TF		22730061	+	01600			A	JS
SUSAP	KAPFK7FR23	R	020TEFDUK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KAPFK7FR23	R	030RW23 K7PG0GY	M	031TF		22730048		00051	-300		A	JS
SUSAP	KAPFK7FR23	R	040VIZAFK7EA0EYM		010DF			+	02100			A	JS
SUSAP	KAPFK7FR23	R	050VIZAFK7EA0EE		R020HM		04720040	+	02100			A	JS

[illegible][illegible]

CITY AND STATE NAPLES, FL	ELEVATION: 8 TDZE: 8	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 17 DEC 2009	SUP:	
	AIRPORT NAME: NAPLES MUNI			AMDT:	ORIG-A
				DATED:	07/10/2003

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OFDOY	OFDOY	010	IAF	HF	L	FO		227.3 (224T)	004.0	02100
	POJHY	POJHY	010	IAF	IF		FB				
	POJHY	OFDOY	020		TF		FB	1.0	137.3 (134T)	005.0	02100
	UGYOW	UGYOW	010	IAF	IF		FB				
	UGYOW	OFDOY	020		TF		FB	1.0	317.3 (314T)	005.0	02100
		OFDOY	010	FACF	IF		FB				02100
		TEFDU	020	FAF	TF		FB	0.5	227.3 (224T)	006.1	01600
		RW23	030	MAP	TF		FO	0.3	227.3 (224T)	004.8	00051

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	VIZAF	040		DF		FO	1.0			02100
	VIZAF	050		HM	R	FO	2.0	047.2 (044T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OFDOY	N261717.20	W0813744.86	N2617.287	W08137.748
	POJHY	N262047.29	W0814143.87	N2620.788	W08141.731
	TEFDU	N261254.37	W0814229.15	N2612.906	W08142.486
	UGYOW	N261347.00	W0813346.09	N2613.783	W08133.768
	VIZAF	N260034.90	W0815546.30	N2600.582	W08155.772
	RW23	N260927.52	W0814612.52	N2609.459	W08146.209

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00008	44

[Handwritten signature]

CITY AND STATE NAPLES, FL	ELEVATION: 8 TDZE: 8	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 17 DEC 2009	SUP:
	AIRPORT NAME: NAPLES MUNI			AMDT: ORIG-A
				DATED: 07/10/2003

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURE (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 10L, 10R, 14, 28L, 28R, 32, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 28L - CLIMB HEADING 278.78 TO 1200 BEFORE TURNING LEFT.

RWY 28R - CLIMB HEADING 278.79 TO 1200 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10R, ANTENNA ON HANGER 177' FROM DER, 450' RIGHT OF CENTERLINE, 38' AGL/57' MSL.

NOTE: RWY 10L, LIGHT POLE 1461' FROM DER, 843' RIGHT OF CENTERLINE, 45' AGL/64' MSL.

NOTE: RWY 14, TRANSMISSION LINE TOWER, TRAFFIC SIGNAL, POLES, AND TREES BEGINNING 649' FROM DER, 24' LEFT OF CENTERLINE, UP TO 71' AGL/90' MSL. VEHICLES ON ROAD, LIGHT POLES, AND TREES BEGINNING 168' FROM DER, 76' RIGHT OF CENTERLINE, UP TO 87' AGL/106' MSL.

NOTE: RWY 28R, LIGHT POLE AND TREES BEGINNING 1205' FROM DER, 323' LEFT OF CENTERLINE, UP TO 63' AGL/82' MSL. SIGN, LIGHT POLE, AND TREES BEGINNING 1233' FROM DER, 155' RIGHT OF CENTERLINE, UP TO 44' AGL/63' MSL.

NOTE: RWY 32, TREES BEGINNING 1993' FROM DER, 444' LEFT OF CENTERLINE, UP TO 69' AGL/88' MSL. TREES BEGINNING 1108' FROM DER, 548' RIGHT OF CENTERLINE, UP TO 70' AGL/89' MSL.

(4) CONTROLLING OBSTACLES:

RWY 28L: 1549 MSL TOWER 263438.00N/0801431.00W.

RWY 28R: 1549 MSL TOWER 263438.00N/0801431.00W.



(5) City, State

WEST PALM BEACH, FL

(6) Airport

PALM BEACH INTL

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

3

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP DA			
EREXE (IAF) (43A) (40E)	APUPE (TF)(FB) (RNP 0.70)(40E)	280.79/23.50	7800	CLIMB TO 7200 VIA TRACK 100.14 TO FEBES AND VIA TRACK 122.81 TO CANEK AND HOLD.			
UTEGE (IAF) (43A)(40E)	VELUY (TF)(FB) (RNP 1.00)(40E)	241.05/9.95	9800				
VELUY (40E)	WATAD (TF)(FB) (RNP 1.00)(40E)	240.83/8.50	7800	ADDITIONAL FLIGHT DATA: HOLD NW, LT, 115.07 INBOUND. CHART FAS OBST: 2850 POLE 433417N/1161513W DISTANCE TO THLD FROM 301 HAT: 0.82NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 2883.7 MSL (DO NOT CHART)			
WATAD (40E)	APUPE (RF)(FB) (RNP 0.70)(40E)	(9.00 NM RADIUS CW AHPEJ)/6.25	7800				
APUPE (40E)	KOLKE (TF)(FB) (RNP 0.70) (40E)	280.45/3.50	7100				
KOLKE (IF) (40E)	ALSIZ (TF)(FB) (RNP 0.70)(40E)	280.40/4.50	6200				
ALSIZ (40E)	CUVEL (RF)(FB) (RNP 0.70)(40E)	(2.72 NM RADIUS CCW XAHVU)/4.88	4900				
CONT'D ON PAGE 2							

1. PT NA SIDE OF COURSE		OUTBOUND		FT WITHIN		MILES OF		(IAF)
2. PROFILE STARTS AT FATIB								
3. FAC: 100.09		FAF:		DIST FAF TO MAP:		THLD:		
4. MIN. ALT:								
5. DIST TO THLD FROM OM:		2.85		MM:		IM:		150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3800		GS ALT AT: FATIB 3800		OM:		MM:		IM:
7. GS ANGLE: 3.00 TCH: 53.2# 34:1 IS NOT CLEAR								
8. MSA FROM: RW10L 9400								

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

SPECIAL AIRCRAFT AND CREW AUTHORIZATION REQUIRED															
RNP 0.18 DA	3145	1	301	3145	1	301	3145	1	301	3145	1	301			
RNP 0.30 DA	3175	1 1/4	331	3175	1 1/4	331	3175	1 1/4	331	3175	1 1/4	331			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 41C (107F). WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART PLANVIEW NOTE AT EREXE, UTEGE, BANGS: (RNP 0.70). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RENOL VIA V113 SOUTHWEST BOUND. CHART PLANVIEW NOTE AT ALSIZ, CUVEL, ZAMDA, BUVXE: MAX 180 KIAS. CHART PLANVIEW NOTE AT EREXE, UTEGE, BANGS, RENOL, CANEK: RF REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT UTEGE.

CITY AND STATE	ELEVATION: 2871 TDZE: 2844	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOISE, ID	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD	RNAV	17 DEC 2009 RNAV (RNP) Z RWY 10L, ORIG-A	AMDT: ORIG
				DATE 8/27/2009

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BANGS (IAF) (43A)(40E)	HEPUB (TF)(FB) (RNP 0.70)(40E)	177.66/17.32	6700
HEPUB (40E)	ASAYU (TF)(FB) (RNP 0.70)(40E)	177.63/4.50	5800
ASAYU (IF) (40E)	CUVEL (TF)(FB) (RNP 0.70)(40E)	177.62/4.50	4900
CUVEL (40E)	FATIB (RF)(FB) (RNP 0.70)(40E)(41E)(43F)	(2.72 NM RADIUS CCW XAHVU)/3.68	3800
EMETT (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	137.95/18.63	4800
PARMO (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	098.78/18.03	4800
CADKI (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	064.62/22.62	4800
JIMMI (IF) (40E)	FATIB (TF)(FB) (RNP 1.00)(40E)(41E)(43F)	098.99/6.91	3800
RENOL (IAF) (43A)(40E)	APISE (TF)(FB) (RNP 1.00)(40E)	016.25/11.80	6000
APISE (IF) (40E)	ZAMDA (TF)(FB) (RNP 1.00)(40E)	016.35/5.00	5000
CANEK (IAF) (43A)(40E)	EKEME (TF)(FB) (RNP 1.00)(40E)	280.90/23.10	5500
EKEME (IF) (40E)	BUVXE (TF)(FB) (RNP 1.00)(40E)	280.60/3.48	5500
BUVXE (40E)	ZAMDA (TF)(FB) (RNP 1.00)(40E)	(2.74 NM RADIUS CW ZUWCY)/4.58	5000
ZAMDA (40E)	HULKU (RF)(FB) (RNP 1.00)(40E)	(2.74 NM RADIUS CW ZUWCY)/2.24	4400
HULKU (40E)	FATIB (RF)(FB)(RNP 1.00)(40E)(41E)(43F)	(3.12 NM RADIUS CW EBNIH)/2.01	3800
FATIB (FAF) (43F)(40E)	RW10L (TF)(FO) (40G)(41Y)(43M)	100.09/2.85	
RW10L (MAP) (40G)(41Y)(43M)	FEBES (TF)(FB) (RNP 1.00)(40E)(42M)	100.14/9.56	
FEBES (40E)(42M)	CANEK (TF)(FO) (40E)(41Y)	122.81/15.06	7200

NOTES (CONT'D)

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

QUALITY

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2844	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 10L, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
	DATED: 8/27/2009			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
BANGS	BANGS	BANGS	010	IAF	IF		FB				
BANGS	HEPUB	HEPUB	020	SDF	TF		FB	0.7	177.7(193T)	017.3	06700
BANGS	ASAYU	ASAYU	030	IF	TF		FB	0.7	177.6(193T)	004.5	05800
BANGS	CUVEL	CUVEL	040	SDF	TF		FB	0.7	177.6(193T)	004.5	04900
BANGS	FATIB	FATIB	050	FAF	RF	L	FB	0.7		003.7	03800
CADKI	CADKI	CADKI	010	IAF	IF		FB	1.0			
CADKI	JIMMI	JIMMI	020	IF	TF		FB	1.0	064.6(080T)	022.6	04800
CADKI	FATIB	FATIB	030	FAF	TF		FB	1.0	099.0(114T)	006.9	03800
CANEK	CANEK	CANEK	010	IAF	IF		FB				
CANEK	EKEME	EKEME	020	IF	TF		FB	1.0	280.9(296T)	023.1	05500
CANEK	BUVXE	BUVXE	030	SDF	TF		FB	1.0	280.6(296T)	003.5	05500
CANEK	ZAMDA	ZAMDA	040	SDF	RF	R	FB	1.0		004.6	05000
CANEK	HULKU	HULKU	050	SDF	RF	R	FB	1.0		002.2	04400
CANEK	FATIB	FATIB	060	FAF	RF	R	FB	1.0		002.0	03800
EMETT	EMETT	EMETT	010	IAF	IF		FB	1.0			
EMETT	JIMMI	JIMMI	020	IF	TF		FB	1.0	138.0(153T)	018.6	04800
EMETT	FATIB	FATIB	030	FAF	TF		FB	1.0	099.0(114T)	006.9	03800
EREXE	EREXE	EREXE	010	IAF	IF		FB				
EREXE	APUPE	APUPE	020	SDF	TF		FB	0.7	280.8(296T)	023.5	07800
EREXE	KOLKE	KOLKE	030	IF	TF		FB	0.7	280.5(296T)	003.5	07100
EREXE	ALSIZ	ALSIZ	040	SDF	TF		FB	0.7	280.4(295T)	004.5	06200
EREXE	CUVEL	CUVEL	050	SDF	RF	L	FB	0.7		004.9	04900
EREXE	FATIB	FATIB	060	FAF	RF	L	FB	0.7		003.7	03800
PARMO	PARMO	PARMO	010	IAF	IF		FB	1.0			
PARMO	JIMMI	JIMMI	020	IF	TF		FB	1.0	098.8(114T)	018.0	04800
PARMO	FATIB	FATIB	030	FAF	TF		FB	1.0	099.0(114T)	006.9	03800
RENOL	RENOL	RENOL	010	IAF	IF		FB	1.0			
RENOL	APISE	APISE	020	IF	TF		FB	1.0	016.3(031T)	011.8	06000
RENOL	ZAMDA	ZAMDA	030	SDF	TF		FB	1.0	016.4(031T)	005.0	05000
RENOL	HULKU	HULKU	040	SDF	RF	R	FB	1.0		002.2	04400
RENOL	FATIB	FATIB	050	FAF	RF	R	FB	1.0		002.0	03800

(CONT'D ON PAGE 4)

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2844	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 10L, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
	DATED: 8/27/2009			

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
UTEGE	UTEGE	010	IAF	IF		FB				
UTEGE	VELUY	020	SDF	TF		FB	1.0	241.1(256T)	010.0	09800
UTEGE	WATAD	030	SDF	TF		FB	1.0	240.8(256T)	008.5	07800
UTEGE	APUPE	040	SDF	RF	R	FB	0.7		006.3	07800
UTEGE	KOLKE	050	IF	TF		FB	0.7	280.5(296T)	003.5	07100
UTEGE	ALSIZ	060	SDF	TF		FB	0.7	280.4(295T)	004.5	06200
UTEGE	CUVEL	070	SDF	RF	L	FB	0.7		004.9	04900
UTEGE	FATIB	080	FAF	RF	L	FB	0.7		003.7	03800
	FATIB	020	FAF	IF		FB	0.3			03800
	RW10L	030	MAP	TF		FO	0.3	100.1(115T)	002.9	02884 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FEBES	040		TF		FB	1.0	100.1(115T)	009.6	
	CANEK	050		TF		FO	1.0	122.8(138T)	015.1	07200
	CANEK	060		HM	L	FO	2.0	115.1(130T)	007.0	07200

THRESHOLD
RUNWAY DATA

RWY	ELEVATION	TCH
RW10L	02831	53

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHPEJ	N434502.41	W1155917.37	N4345.040	W11559.290
	ALSIZ	N434020.77	W1161434.73	N4340.346	W11614.579
	APISE	N433007.58	W1162629.39	N4330.126	W11626.490
	APUPE	N433654.88	W1160437.55	N4336.915	W11604.626
	ASAYU	N434252.34	W1161829.10	N4342.872	W11618.485
	BANGS	N440410.21	W1161153.16	N4404.170	W11611.886
	BUVXE	N433029.83	W1162119.03	N4330.497	W11621.317
	CADKI	N433413.94	W1165705.83	N4334.232	W11657.097
	CANEK	N431857.88	W1154828.06	N4318.965	W11548.468
	CUVEL	N433828.81	W1161950.31	N4338.480	W11619.839
	EBNIH	N433236.11	W1161935.26	N4332.602	W11619.588
	EKEME	N432859.74	W1161700.45	N4328.996	W11617.008
	EMETT	N435450.49	W1163807.41	N4354.842	W11638.124
	EREEXE	N432644.90	W1153529.76	N4326.748	W11535.496
	FATIB	N433525.46	W1161746.26	N4335.424	W11617.771
	FEBES	N433008.50	W1160219.52	N4330.142	W11602.325
	HEPUB	N434715.84	W1161707.69	N4347.264	W11617.128
	HULKU	N433539.12	W1162027.91	N4335.652	W11620.465

(CONT'D ON PAGE 5)

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CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2844	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 10L, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
	DATED: 8/27/2009			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.
RNAV	STANDARD INSTRUMENT APPROACH PROCEDURE				
FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33					
POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JIMMI	N433814.40	W1162627.45	N4338.240	W11626.458
	KOLKE	N433825.06	W1160858.68	N4338.418	W11608.978
	PARMO	N434532.78	W1164910.43	N4345.546	W11649.174
	RENOL	N432002.38	W1163454.24	N4320.040	W11634.904
	RW10L	N433412.76	W1161412.88	N4334.213	W11614.215
	UTEGE	N434049.09	W1153135.67	N4340.818	W11531.595
	VELUY	N433824.43	W1154453.24	N4338.407	W11544.887
	WATAD	N433619.02	W1155613.83	N4336.317	W11556.231
	XAHVU	N433753.27	W1161610.97	N4337.888	W11616.183
	ZAMDA	N433423.78	W1162254.68	N4334.396	W11622.911
	ZUWCY	N433258.19	W1161941.64	N4332.970	W11619.694
CITY AND STATE	ELEVATION:	2871 TDZE:	2844	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
BOISE, ID	AIRPORT NAME:	BOISE AIR TERMINAL/GOWEN FLD		RNAV	17 DEC 2009
					RNAV (RNP) Z RWY 10L, ORIG-A
				SUP:	
				AMDT:	ORIG
				DATED:	8/27/2009

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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									
EREXE (IAF) (43A)(40E)		APUPE (TF)(FB) (RNP 0.70)(40E)		280.79/23.50				7800		CLIMB TO 7200 VIA TRACK 100.13 TO AYDOK AND VIA TRACK 122.10 TO CANEK AND HOLD.									
UTEGE (IAF) (43A)(40E)		VELUY (TF)(FB) (RNP 1.00)(40E)		241.05/9.95				9800											
VELUY (40E)		WATAD (TF)(FB) (RNP 1.00)(40E)		240.83/8.50				7800											
WATAD (40E)		APUPE (RF)(FB) (RNP 0.70)(40E)		(9.00 NM RADIUS CW AHPEJ)/6.25				7800											
APUPE (40E)		KOLKE (TF)(FB) (RNP 0.70) (40E)(41E)		280.45/3.50				7100		ADDITIONAL FLIGHT DATA: HOLD NW, LT, 115.07 INBOUND. CHART FAS OBST: 2850 POLE 433417N/1161513W DISTANCE TO THLD FROM 279 HAT: 0.73NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 2882.2 MSL (DO NOT CHART)									
KOLKE (IF) (40E)		ALSIZ (TF)(FB) (RNP 0.70)(40E)		280.40/4.50				6200											
ALSIZ (40E)		ONEXE (RF)(FB) (RNP 0.70)(40E)		(2.87 NM RADIUS CCW CFHPW)/5.03				4900											
CONT'D ON PAGE 2																			
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ISEBE 3. FAC: <u>100.09</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: _____ 5. DIST TO THLD FROM OM: <u>2.86</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>3800</u> GS ALT AT: <u>ISEBE 3800</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>58.1#</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW10R 9400</u>										MAG VAR: 15E 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			
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED																			
RNP 0.15 DA		3115	2400	279	3115	2400	279	3115	2400	279	3115	2400	279						
RNP 0.30 DA		3151	4000	315	3151	4000	315	3151	4000	315	3151	4000	315						
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 42C (107F). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. FOR INOPERATIVE SSALR INCREASE RNP 0.15 AND RNP 0.30 VISIBILITY ALL CATS TO RVR 5000. CHART PLANVIEW NOTE AT EREXE, UTEGE, BANGS: (RNP 0.70) (CONT'D PAGE 2)																			
CITY AND STATE		ELEVATION: 2871 TDZE: 2836		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:							
BOISE, ID				BOISE AIR TERMINAL/GOWEN FLD		RNAV		17 DEC 2009 RNAV (RNP) Z RWY 10R, ORIG-A				ORIG							
												DATE 8/27/2009							

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FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BANGS (IAF) (43A)(40E)	HEPUB (TF)(FB) (RNP 0.70)(40E)	177.66/17.32	6700
HEPUB (40E)	ASAYU (TF)(FB) (RNP 0.70)(40E)	177.63/4.50	5800
ASAYU (IF) (40E)	ONEXE (TF)(FB) (RNP 0.70)(40E)	179.94/4.53	4900
ONEXE (40E)	ISEBE (RF)(FB) (RNP 0.70)(40E)(41E)(43F)	(2.64 NM RADIUS CCW BGLKE)/3.68	3800
EMETT (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	137.95/18.63	4800
PARMO (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	098.78/18.03	4800
CADKI (IAF) (43A)(40E)	JIMMI (TF)(FB) (RNP 1.00)(40E)	064.62/22.62	4800
JIMMI (IF) (40E)	ISEBE (TF)(FB) (RNP 1.00)(40E)(41E)(43F)	099.95/6.68	3800
RENOL (IAF) (43A)(40E)	APISE (TF)(FB) (RNP 1.00)(40E)	016.25/11.80	6000
APISE (IF) (40E)	JODIX (TF)(FB) (RNP 1.00)(40E)	016.61/4.99	5000
CANEK (IAF) (43A)(40E)	EKEME (TF)(FB) (RNP 1.00)(40E)	280.90/23.10	5500
EKEME (IF) (40E)	BUVXE (TF)(FB) (RNP 1.00)(40E)	280.60/3.48	5500
BUVXE (40E)	JODIX (RF)(FB) (RNP 1.00)(40E)	(2.72 NM RADIUS CW LAHWY)/4.56	5000
JODIX (40E)	ISEBE (RF)(FB)(RNP 1.00)(40E)(41E)(43F)	(2.72 NM RADIUS CW LAHWY)/3.96	3800
ISEBE (FAF) (43F)(40E)	RW10R (TF)(FO) (40G)(41Y)(43M)	100.09/2.86	
RW10R (MAP) (40G)(41Y)(43M)	AYDOK (TF)(FB) (RNP 1.00)(40E)(42M)	100.13/9.56	
AYDOK (40E)(42M)	CANEK (TF)(FO) (40E)(41Y)	122.10/15.22	7200

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RENOL VIA V113 SOUTHWEST BOUND.

CHART PLANVIEW NOTE AT ALSIZ, ONEXE, JODIX, BUVXE: MAX 180 KIAS.

CHART PLANVIEW NOTE AT EREXE, UTEGE, BANGS, RENOL, CANEK: RF REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT UTEGE.

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2836 AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 10R, ORIG-A	SUP:
				AMDT: ORIG
				DATED: 8/27/2009

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
BANGS	BANGS	BANGS	010	IAF	IF		FB				
BANGS	HEPUB	HEPUB	020	SDF	TF		FB	0.7	177.7(193T)	017.3	06700
BANGS	ASAYU	ASAYU	030	IF	TF		FB	0.7	177.6(193T)	004.5	05800
BANGS	ONEXE	ONEXE	040	SDF	TF		FB	0.7	179.9(195T)	004.5	04900
BANGS	ISEBE	ISEBE	050	FAF	RF	L	FB	0.7		003.7	03800
CADKI	CADKI	CADKI	010	IAF	IF		FB	1.0			
CADKI	JIMMI	JIMMI	020	IF	TF		FB	1.0	064.6(080T)	022.6	04800
CADKI	ISEBE	ISEBE	030	FAF	TF		FB	1.0	100.0(115T)	006.7	03800
CANEK	CANEK	CANEK	010	IAF	IF		FB				
CANEK	EKEME	EKEME	020	IF	TF		FB	1.0	280.9(296T)	023.1	05500
CANEK	BUVXE	BUVXE	030	SDF	TF		FB	1.0	280.6(296T)	003.5	05500
CANEK	JODIX	JODIX	040	SDF	RF	R	FB	1.0		004.6	05000
CANEK	ISEBE	ISEBE	050	FAF	RF	R	FB	1.0		004.0	03800
EMETT	EMETT	EMETT	010	IAF	IF		FB	1.0			
EMETT	JIMMI	JIMMI	020	IF	TF		FB	1.0	138.0(153T)	018.6	04800
EMETT	ISEBE	ISEBE	030	FAF	TF		FB	1.0	100.0(115T)	006.7	03800
EREXE	EREXE	EREXE	010	IAF	IF		FB				
EREXE	APUPE	APUPE	020	SDF	TF		FB	0.7	280.8(296T)	023.5	07800
EREXE	KOLKE	KOLKE	030	IF	TF		FB	0.7	280.5(296T)	003.5	07100
EREXE	ALSIZ	ALSIZ	040	SDF	TF		FB	0.7	280.4(295T)	004.5	06200
EREXE	ONEXE	ONEXE	050	SDF	RF	L	FB	0.7		005.0	04900
EREXE	ISEBE	ISEBE	060	FAF	RF	L	FB	0.7		003.7	03800
PARMO	PARMO	PARMO	010	IAF	IF		FB	1.0			
PARMO	JIMMI	JIMMI	020	IF	TF		FB	1.0	098.8(114T)	018.0	04800
PARMO	ISEBE	ISEBE	030	FAF	TF		FB	1.0	100.0(115T)	006.7	03800
RENOL	RENOL	RENOL	010	IAF	IF		FB	1.0			
RENOL	APISE	APISE	020	IF	TF		FB	1.0	016.3(031T)	011.8	06000
RENOL	JODIX	JODIX	030	SDF	TF		FB	1.0	016.6(032T)	005.0	05000
RENOL	ISEBE	ISEBE	040	FAF	RF	R	FB	1.0		004.0	03800
UTEGE	UTEGE	UTEGE	010	IAF	IF		FB				
UTEGE	VELUY	VELUY	020	SDF	TF		FB	1.0	241.1(256T)	010.0	09800
UTEGE	WATAD	WATAD	030	SDF	TF		FB	1.0	240.8(256T)	008.5	07800

(CONT'D ON PAGE 4)

QUALITY
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CITY AND STATE

BOISE, ID

ELEVATION:

2871 TDZE:

2836

AIRPORT NAME:

BOISE AIR TERMINAL/GOWEN FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) Z RWY 10R, ORIG-A

SUP:

AMDT:

ORIG

DATED:

8/27/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
UTEGE		APUPE	040	SDF	RF	R	FB	0.7		006.3	07800
UTEGE		KOLKE	050	IF	TF		FB	0.7	280.5(296T)	003.5	07100
UTEGE		ALSIZ	060	SDF	TF		FB	0.7	280.4(295T)	004.5	06200
UTEGE		ONEXE	070	SDF	RF	L	FB	0.7		005.0	04900
UTEGE		ISEBE	080	FAF	RF	L	FB	0.7		003.7	03800
		ISEBE	020	FAF	IF		FB	0.3			03800
		RW10R	030	MAP	TF		FO	0.3	100.1(115T)	002.9	02882 MAN

MISSED APPROACH

AYDOK	040		TF		FB	1.0	100.1(115T)	009.6		
CANEK	050		TF		FO	1.0	122.1(137T)	015.2		07200
CANEK	060		HM	L	FO	2.0	115.1(130T)	007.0		07200

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW10R	02824	58

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
AHPEJ	N434502.41	W1155917.37	N4345.040	W11559.290
ALSIZ	N434020.77	W1161434.73	N4340.346	W11614.579
APISE	N433007.58	W1162629.39	N4330.126	W11626.490
APUPE	N433654.88	W1160437.55	N4336.915	W11604.626
ASAYU	N434252.34	W1161829.10	N4342.872	W11618.485
AYDOK	N433007.83	W1160239.69	N4330.131	W11602.662
BANGS	N440410.21	W1161153.16	N4404.170	W11611.886
BGLKE	N433748.66	W1161634.49	N4337.811	W11616.575
BUVXE	N433029.83	W1162119.03	N4330.497	W11621.317
CADKI	N433413.94	W1165705.83	N4334.232	W11657.097
CANEK	N431857.88	W1154828.06	N4318.965	W11548.468
CFHPW	N433745.02	W1161616.38	N4337.750	W11616.273
EKEME	N432859.74	W1161700.45	N4328.996	W11617.008
EMETT	N435450.49	W1163807.41	N4354.842	W11638.124
EREXE	N432644.90	W1153529.76	N4326.748	W11535.496
HEPUB	N434715.84	W1161707.69	N4347.264	W11617.128
ISEBE	N433524.93	W1161807.14	N4335.416	W11618.119
JIMMI	N433814.40	W1162627.45	N4338.240	W11626.458
JODIX	N433422.70	W1162253.41	N4334.378	W11622.890
KOLKE	N433825.06	W1160858.68	N4338.418	W11608.978
LAHWY	N433257.10	W1161942.30	N4332.952	W11619.705
ONEXE	N433829.54	W1162005.63	N4338.492	W11620.094
PARMO	N434532.78	W1164910.43	N4345.546	W11649.174

(CONT'D ON PAGE 5)

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CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2836	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 10R, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
	DATED: 8/27/2009			

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.	
POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RENOL	N432002.38	W1163454.24	N4320.040	W11634.904
	RW10R	N433412.12	W1161433.42	N4334.202	W11614.557
	UTEGE	N434049.09	W1153135.67	N4340.818	W11531.595
	VELUY	N433824.43	W1154453.24	N4338.407	W11544.887
	WATAD	N433619.02	W1155613.83	N4336.317	W11556.231
CITY AND STATE		ELEVATION: 2871 TDZE: 2836	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	
BOISE, ID		BOISE AIR TERMINAL/GOWEN FLD RNAV		17 DEC 2009	
				RNAV (RNP) Z RWY 10R, ORIG-A	
				SUP: ORIG	
				DATED: 8/27/2009	

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OFTER (IF) (40E)	MUFPI (TF) (FB) (RNP 0.50) (40E)	280.34/4.00	5600
MUFPI (40E)	JUBEN (TF) (FB) (RNP 0.50) (40E)	280.29/2.00	5000
JUBEN (40E)	SAKVY (TF) (FB) (RNP 0.50) (40E)	280.26/1.50	4600
SAKVY (40E)	CEPAV (TF) (FB) (RNP 0.50) (40E)	280.23/1.20	4300
CEPAV (40E)	HOBSI (TF) (FB) (RNP 0.50) (40E) (41E) (43F)	275.87/1.52	3900
RENOL (IAF) (43A) (40E)	DIKAC (TF) (FB) (RNP 1.00) (40E)	060.70/19.46	5800
DIKAC (IF) (40E)	CIPSA (TF) (FB) (RNP 0.30) (40E)	008.16/4.10	5200
CADKI (IAF) (43A) (40E)	HUBAS (TF) (FB) (RNP 1.00) (40E)	084.20/27.76	6000
PARMO (IAF) (43A) (40E)	HUBAS (TF) (FB) (RNP 1.00) (40E)	111.12/26.79	6000
HUBAS (IF) (40E)	ELUMY (TF) (FB) (RNP 1.00) (40E)	100.10/6.00	5800
ELUMY (40E)	CIPSA (RF) (FB) (RNP 0.30) (40E)	(2.80 NM RADIUS CCW AHVOV)/4.50	5200
CIPSA (40E)	ZOVAM (RF) (FB) (RNP 0.30) (40E)	(2.80 NM RADIUS CCW AHVOV)/2.93	4300
ZOVAM (40E)	HOBSI (RF) (FB) (RNP 0.30) (40E) (41E) (43F)	(2.80 NM RADIUS CCW AHVOV)/1.37	3900
EMETT (IAF) (43A) (40E)	JAGHE (TF) (FB) (RNP 1.00) (40E)	104.08/24.54	8700
JAGHE (IF) (40E)	QWIST (TF) (FB) (RNP 1.00) (40E)	104.42/5.00	8000
QWIST (40E)	ICUJY (RF) (FB) (RNP 0.50) (40E)	(5.70 NM RADIUS CW KAJXA)/6.04	6800
BANGS (IAF) (43A) (40E)	LODZI (TF) (FB) (RNP 1.00) (40E)	131.65/17.64	8900
LODZI (40E)	IBECO (TF) (FB) (RNP 1.00) (40E)	165.22/8.00	7700
IBECO (IF) (40E)	ICUJY (TF) (FB) (RNP 0.50) (40E)	165.28/6.01	6800
ICUJY (40E)	ZIZAZ (RF) (FB) (RNP 0.30) (40E)	(4.00 NM RADIUS CW AKZEG)/3.20	5800
ZIZAZ (40E)	JADWI (RF) (FB) (RNP 0.30) (40E)	(4.50 NM RADIUS CW AKXEF)/3.06	4900
JADWI (40E)	UNCOY (RF) (FB) (RNP 0.30) (40E)	(4.76 NM RADIUS CW AJYIB)/1.89	4300
UNCOY (40E)	IDOCY (RF) (FB) (RNP 0.30) (40E)	(4.76 NM RADIUS CW AJYIB)/0.61	4200
IDOCY (40E)	HOBSI (TF) (FB) (RNP 0.30) (40E) (41E) (43F)	280.21/1.08	3900
HOBSI (FAF) (43F) (40E)	RW28L (TF) (FO) (40G) (41Y) (43M)	280.20/3.09	
RW28L (MAP) (40G) (41Y) (43M)	JIMMI (TF) (FO) (RNP 1.00) (40E) (41Y) (42M)	280.17/11.15	6000

NOTES (CONT'D)

CHART PLANVIEW NOTE AT: CIPSA, ELUMY, ICUJY, QWIST: MAX 180 KIAS.

CHART PLANVIEW NOTE AT BANGS, EMETT, PARMO, CADKI, RENOL: (RNP 0.30).

CHART PLANVIEW NOTE AT CANEK, EREXE, UTEGE: (RNP 0.50).

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CITY AND STATE	ELEVATION: 2871 TDZE: 2858	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BOISE, ID	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD	RNAV	17 DEC 2009 RNAV (RNP) Z RWY 28L, ORIG-A	AMDT: ORIG
				DATED: 8/27/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTE TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
BANGS	BANGS	010	IAF	IF		FB				
BANGS	LODZI	020	SDF	TF		FB	1.0	131.7(147T)	017.6	08900
BANGS	IBECO	030	IF	TF		FB	1.0	165.2(180T)	008.0	07700
BANGS	ICUJY	040	SDF	TF		FB	0.5	165.3(180T)	006.0	06800
BANGS	ZIZAZ	050	SDF	RF	R	FB	0.3		003.3	05800
BANGS	JADWI	060	SDF	RF	R	FB	0.3		003.1	04900
BANGS	UNCOY	070	SDF	RF	R	FB	0.3		001.9	04300
BANGS	IDOCY	080	SDF	RF	R	FB	0.3		000.6	04200
BANGS	HOBSI	090	FAF	TF		FB	0.3	280.2(295T)	001.1	03900
CADKI	CADKI	010	IAF	IF		FB				
CADKI	HUBAS	020	IF	TF		FB	1.0	084.2(099T)	027.8	06000
CADKI	ELUMY	030	SDF	TF		FB	1.0	100.1(115T)	006.0	05800
CADKI	CIPSA	040	SDF	RF	L	FB	0.3		004.5	05200
CADKI	ZOVAM	050	SDF	RF	L	FB	0.3		002.9	04300
CADKI	HOBSI	060	FAF	RF	L	FB	0.3		001.4	03900
CANEK	CANEK	010	IAF	IF		FB				
CANEK	OFTER	020	IF	TF		FB	1.0	313.8(329T)	010.5	06800
CANEK	MUFPI	030	SDF	TF		FB	0.5	280.3 (295T)	004.0	05600
CANEK	JUBEN	040	SDF	TF		FB	0.5	280.3(295T)	002.0	05000
CANEK	SAKVY	050	SDF	TF		FB	0.5	280.3 (295T)	001.5	04600
CANEK	CEPAV	060	SDF	TF		FB	0.5	280.2(295T)	001.2	04300
CANEK	HOBSI	070	FAF	TF		FB	0.5	275.9(291T)	001.5	03900
EMETT	EMETT	010	IAF	IF		FB				
EMETT	JAGHE	020	IF	TF		FB	1.0	104.1(119T)	024.5	08700
EMETT	QWIST	030	SDF	TF		FB	1.0	104.4(119T)	005.0	08000
EMETT	ICUJY	040	SDF	RF	R	FB	0.5		006.0	06800
EMETT	ZIZAZ	050	SDF	RF	R	FB	0.3		003.2	05800
EMETT	JADWI	060	SDF	RF	R	FB	0.3		003.1	04900
EMETT	UNCOY	070	SDF	RF	R	FB	0.3		001.9	04300
EMETT	IDOCY	080	SDF	RF	R	FB	0.3		000.6	04200
EMETT	HOBSI	090	FAF	TF		FB	0.3	280.2(295T)	001.1	03900
EREXE	EREXE	010	IAF	IF		FB				
EREXE	NEWKU	020	SDF	TF		FB	1.0	259.7(275T)	007.0	09200
EREXE	ROKTY	030	SDF	TF		FB	1.0	259.6(275T)	004.0	08000

(CONT'D ON PAGE 4)

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2858	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 28L, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
	DATED: 8/27/2009			

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY- VERSION 424-18

ROUTE TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
EREXE	OFTER	040	IF	TF		FB	1.0	259.6(275T)	004.0	06800
EREXE	MUFPI	050	SDF	TF		FB	0.5	280.3(295T)	004.0	05600
EREXE	JUBEN	060	SDF	TF		FB	0.5	280.3 (295T)	002.0	05000
EREXE	SAKVY	070	SDF	TF		FB	0.5	280.3 (295T)	001.5	04600
EREXE	CEPAV	080	SDF	TF		FB	0.5	280.2 (295T)	001.2	04300
EREXE	HOBSI	090	FAF	TF		FB	0.5	275.9 (291T)	001.5	03900
PARMO	PARMO	010	IAF	IF		FB				
PARMO	HUBAS	020	IF	TF		FB	1.0	111.1(126T)	026.8	06000
PARMO	ELUMY	030	SDF	TF		FB	1.0	100.1(115T)	006.0	05800
PARMO	CIPSA	040	SDF	RF	L	FB	0.3		004.5	05200
PARMO	ZOVAM	050	SDF	RF	L	FB	0.3		002.9	04300
PARMO	HOBSI	060	FAF	RF	L	FB	0.3		001.4	03900
RENOL	RENOL	010	IAF	IF		FB				
RENOL	DIKAC	020	IF	TF		FB	1.0	060.7(076T)	019.5	05800
RENOL	CIPSA	030	SDF	TF		FB	0.3	008.2(023T)	004.1	05200
RENOL	ZOVAM	040	SDF	RF	L	FB	0.3		002.9	04300
RENOL	HOBSI	050	FAF	RF	L	FB	0.3		001.4	03900
UTEGE	UTEGE	010	IAF	IF		FB				
UTEGE	ZABEV	020	SDF	TF		FB	1.0	208.1(223T)	010.3	10300
UTEGE	TAYFI	030	SDF	TF		FB	1.0	208.0(223T)	005.5	09200
UTEGE	OFTER	040	IF	RF	R	FB	1.0		007.6	06800
UTEGE	MUFPI	050	SDF	TF		FB	0.5	280.3 (095T)	004.0	05600
UTEGE	JUBEN	060	SDF	TF		FB	0.5	280.3 (295T)	002.0	05000
UTEGE	SAKVY	070	SDF	TF		FB	0.5	280.3 (295T)	001.5	04600
UTEGE	CEPAV	080	SDF	TF		FB	0.5	280.2 (295T)	001.2	04300
UTEGE	HOBSI	090	FAF	TF		FB	0.5	275.9 (291T)	001.5	03900
	HOBSI	020	FAF	IF		FB				03900
	RW28L	030	MAP	TF		FO	0.3	280.2(295T)	003.1	02908 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JIMMI	040		TF		FO	1.0	280.1 (295T)	011.2	06000
	JIMMI	050		HM	R	FO	2.0	100.0(115T)	005.0	06000

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	02858	50

CITY AND STATE

BOISE, ID

ELEVATION: 2871 TDZE: 2858

AIRPORT NAME:

BOISE AIR TERMINAL/GOWEN FLD

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) Z RWY 28L, ORIG-A

SUP:

AMDT: ORIG

DATED: 8/27/2009

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHVOV	N432940.28	W1161021.03	N4329.671	W11610.351
	AJYIB	N433602.85	W1160434.58	N4336.048	W11604.576
	AKXEF	N433547.50	W1160432.86	N4335.792	W11604.548
	AKZEG	N433525.69	W1160404.50	N4335.428	W11604.075
	BANGS	N440410.21	W1161153.16	N4404.170	W11611.886
	CADKI	N433413.94	W1165705.83	N4334.232	W11657.097
	CANEK	N431857.88	W1154828.06	N4318.965	W11548.468
	CEPAV	N433139.92	W1160645.89	N4331.665	W11606.765
	CIPSA	N432834.05	W1160648.94	N4328.568	W11606.816
	DIKAC	N432447.87	W1160901.84	N4324.798	W11609.031
	DMHWJ	N433322.31	W1155225.50	N4333.372	W11552.425
	ELUMY	N432708.22	W1161159.20	N4327.137	W11611.987
	EREXE	N432644.90	W1153529.76	N4326.748	W11535.496
	EMETT	N435450.49	W1163807.41	N4354.842	W11638.124
	HOBSI	N433212.33	W1160842.80	N4332.206	W11608.713
	HUBAS	N432941.22	W1161926.74	N4329.687	W11619.446
	IBECO	N434125.03	W1155831.82	N4341.417	W11558.530
	ICUJY	N433524.38	W1155834.27	N4335.406	W11558.571
	IDOCY	N433144.63	W1160721.89	N4331.744	W11607.365
	JAGHE	N434250.99	W1160832.93	N4342.850	W11608.549
	JADWI	N433118.40	W1160401.90	N4331.307	W11604.032
	JIMMI	N433814.40	W1162627.45	N4338.240	W11626.458
	JUBEN	N433030.84	W1160324.50	N4330.514	W11603.408
	KAJXA	N433525.79	W1160624.85	N4335.430	W11606.414
	LODZI	N434925.08	W1155829.25	N4349.418	W11558.488
	MUFPI	N432939.60	W1160055.40	N4329.660	W11600.923
	NEWKU	N432718.86	W1154500.44	N4327.314	W11545.007
	OFTER	N432756.96	W1155557.42	N4327.949	W11555.957
	PARMO	N434532.78	W1164910.43	N4345.546	W11649.174
	QWIST	N434023.45	W1160232.87	N4340.391	W11602.548
	RENOL	N432002.38	W1163452.24	N4320.040	W11634.904
	ROKTY	N432738.04	W1155028.90	N4327.634	W11550.482
	RW28L	N433331.16	W1161233.39	N4333.519	W11612.557
	SAKVV	N433109.23	W1160516.36	N4331.154	W11605.273
	TAYFI	N432916.99	W1154623.32	N4329.283	W11546.389
	UNCOY	N433131.28	W1160635.49	N4331.521	W11606.592
	UTEGE	N434049.09	W1153135.67	N4340.818	W11531.595
	ZABEV	N433318.60	W1154114.32	N4333.310	W11541.239
	ZIZAZ	N433232.44	W1160016.01	N4332.541	W11600.267
	ZOVAM	N433120.91	W1160716.16	N4331.349	W11607.269

QUALITY
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CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2858	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 28L, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FIELD			AMDT: ORIG
	DATED: 8/27/2009			

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

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TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP DA					
UTEGE (IAF) (43A) (40E)		ZABEV (TF) (FB) (RNP 1.00) (40E)		208.08/10.27				10300		CLIMB TO 6000 VIA TRACK 280.15 TO ATTOL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.					
ZABEV (40E)		TAYFI (TF) (FB) (RNP 1.00) (40E)		207.97/5.50				9200							
TAYFI (40E)		OFTER (RF) (FB) (RNP 1.00) (40E)		(6.00 NM RADIUS CW DMHWJ) 7.59				6800							
EREXE (IAF) (43A) (40E)		NEWKU (TF) (FB) (RNP 1.00) (40E)		259.72/6.95				9200							
NEWKU (40E)		ROKTY (TF) (FB) (RNP 1.00) (40E)		259.61/4.00				8000		ADDITIONAL FLIGHT DATA: HOLD W, RT, 099.97 INBOUND CHART FAS OBST: 2913 POLE 433318N/1161133W CHART FAS OBST: 2993 POLE 433249N/1161117W ROUTE TYPE: A,R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 2923.4 MSL (DO NOT CHART) DISTANCE TO THLD FROM 333 HAT: 0.88NM					
ROKTY (40E)		OFTER (TF) (FB) (RNP 1.00) (40E)		259.55/4.00				6800							
CANEK (IAF) (43A) (40E)		OFTER (TF) (FB) (RNP 1.00) (40E)		313.75/10.51				6800							
CONT'D ON PAGE 2															
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 15E EPOCH YEAR: 2005					
2. PROFILE STARTS AT HAPNU															
3. FAC: <u>280.20</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: _____															
5. DIST TO THLD FROM OM: <u>3.04</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>3900</u> GS ALT AT: <u>HAPNU 3900</u> OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: <u>52.0#</u> 34:1 IS NOT CLEAR															
8. MSA FROM: <u>RW28R 9400</u>															
MINIMUMS															
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A				STANDARD						
CATEGORY ==>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	3204	6000	333	3204	6000	333	3204	6000	333	3204	6000	333			
RNP 0.30 DA	3304	1 1/2	433	3304	1 1/2	433	3304	1 1/2	433	3304	1 1/2	433			
NOTES: CHART NOTE: GPS REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 42C (107F). CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT UTEGE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RENOL VIA V113 SOUTHWEST BOUND. CHART PLANVIEW NOTE AT: UTEGE, RENOL, CADKI, PARMO, EMETT, BANGS: RF REQUIRED. CHART PLANVIEW NOTE: HEGUT, ELUMY, ICUJY, QWIST: MAX 180 KIAS.															
CITY AND STATE				ELEVATION: 2871 TDZE: 2871		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:			
BOISE, ID				AIRPORT NAME:		RNAV		17 DEC 2009 RNAV (RNP) Z RWY 28R, ORIG-A				AMDT: ORIG			
				BOISE AIR TERMINAL/GOWEN FLD								DATE 8/27/2009			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OFTER (IF) (40E)	MUFPI (TF) (FB) (RNP 0.50) (40E)	280.34/4.00	5600
MUFPI (40E)	JUBEN (TF) (FB) (RNP 0.50) (40E)	280.29/2.00	5000
JUBEN (40E)	SAKVY (TF) (FB) (RNP 0.50) (40E)	280.26/1.50	4600
SAKVY (40E)	CEPAV (TF) (FB) (RNP 0.50) (40E)	280.23/1.20	4300
RENOL (IAF) (43A) (40E)	DIKAC (TF) (FB) (RNP 1.00) (40E)	060.70/19.46	5800
DIKAC (IF) (40E)	HEGUT (TF) (FB) (RNP 0.30) (40E)	010.46/4.15	5200
CADKI (IAF) (43A) (40E)	HUBAS (TF) (FB) (RNP 1.00) (40E)	084.20/27.76	6000
PARMO (IAF) (43A) (40E)	HUBAS (TF) (FB) (RNP 1.00) (40E)	111.12/26.79	6000
HUBAS (IF) (40E)	ELUMY (TF) (FB) (RNP 1.00) (40E)	100.10/6.00	5800
ELUMY (40E)	HEGUT (RF) (FB) (RNP 0.30) (40E)	(2.96 NM RADIUS CCW DMMRW)/4.64	5200
HEGUT (40E)	FEGNI (RF) (FB) (RNP 0.30) (40E)	(2.75NM RADIUS CCW ICCOJ)/2.92	4300
FEGNI (40E)	HAPNU (RF) (FB) (RNP 0.30) (40E) (41E) (43F)	(2.75NM RADIUS CCW ICCOJ)/1.42	3900
EMETT (IAF) (43A) (40E)	JAGHE (TF) (FB) (RNP 1.00) (40E)	104.08/24.54	8700
JAGHE (IF) (40E)	QWIST (TF) (FB) (RNP 1.00) (40E)	104.42/5.00	8000
QWIST (40E)	ICUJY (RF) (FB) (RNP 0.50) (40E)	(5.70 NM RADIUS CW KAJXA)/6.04	6800
BANGS (IAF) (43A) (40E)	LODZI (TF) (FB) (RNP 1.00) (40E)	131.65/17.64	8900
LODZI (40E)	IBECO (TF) (FB) (RNP 1.00) (40E)	165.22/8.00	7700
IBECO (IF) (40E)	ICUJY (TF) (FB) (RNP 0.50) (40E)	165.28/6.01	6800
ICUJY (40E)	ZIZAZ (RF) (FB) (RNP 0.30) (40E)	(4.00 NM RADIUS CW AKZEG)/3.20	5800
ZIZAZ (40E)	JADWI (RF) (FB) (RNP 0.30) (40E)	(4.50 NM RADIUS CW AKXEF)/3.06	4900
JADWI (40E)	CEPAV (RF) (FB) (RNP 0.30) (40E)	(3.90 NM RADIUS CW ICGOP)/2.04	4300
CEPAV (40E)	HAPNU (TF) (FB) (RNP 0.30) (40E) (41E) (43F)	280.22/1.30	3900
HAPNU (FAF) (43F) (40E)	RW28R (TF) (FO) (40G) (41Y) (43M)	280.20/3.04	
RW28R (MAP) (40G) (41Y) (43M)	ATTOL (TF) (FO) (RNP 1.00) (40E) (41Y) (42M)	280.15/12.85	6000

(NOTES CONT'D)

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE AT: BANGS, EMETT, PARMO, CADKI, RENOL, CANEK, EREXE, UTEGE: (RNP 0.30)

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2871	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 28R, ORIG-A	SUP:
	AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FLD			AMDT: ORIG
				DATED: 8/27/2009

QUALITY
A
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTE TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
BANGS	BANGS	010	IAF	IF		FB				
BANGS	LODZI	020	SDF	TF		FB	1.0	131.7(147T)	017.6	08900
BANGS	IBECO	030	IF	TF		FB	1.0	165.2(180T)	008.0	07700
BANGS	ICUJY	040	SDF	TF		FB	0.5	165.3(180T)	006.0	06800
BANGS	ZIZAZ	050	SDF	RF	R	FB	0.3		003.3	05800
BANGS	JADWI	060	SDF	RF	R	FB	0.3		003.1	04900
BANGS	CEPAV	070	SDF	RF	R	FB	0.3		002.0	04300
BANGS	HAPNU	080	FAF	TF		FB	0.3	280.2(295T)	001.3	03900
CADKI	CADKI	010	IAF	IF		FB				
CADKI	HUBAS	020	IF	TF		FB	1.0	084.2(099T)	027.8	06000
CADKI	ELUMY	030	SDF	TF		FB	1.0	100.1(115T)	006.0	05800
CADKI	HEGUT	040	SDF	RF	L	FB	0.3		004.6	05200
CADKI	FEGNI	050	SDF	RF	L	FB	0.3		002.9	04300
CADKI	HAPNU	060	FAF	RF	L	FB	0.3		001.4	03900
CANEK	CANEK	010	IAF	IF		FB				
CANEK	OFTER	020	IF	TF		FB	1.0	313.8(329T)	010.5	06800
CANEK	MUFPI	030	SDF	TF		FB	0.5	280.3 (295T)	004.0	05600
CANEK	JUBEN	040	SDF	TF		FB	0.5	280.3(295T)	002.0	05000
CANEK	SAKVY	050	SDF	TF		FB	0.5	280.3(295T)	001.5	04600
CANEK	CEPAV	060	SDF	TF		FB	0.5	280.2(295T)	001.2	04300
CANEK	HAPNU	070	FAF	TF		FB	0.3	280.2(295T)	001.3	03900
EREXE	EREXE	010	IAF	IF		FB				
EREXE	NEWKU	020	SDF	TF		FB	1.0	259.7(275T)	007.0	09200
EREXE	ROKTY	030	SDF	TF		FB	1.0	259.6 (275T)	004.0	08000
EREXE	OFTER	040	IF	TF		FB	1.0	259.6(275T)	004.0	06800
EREXE	MUFPI	050	SDF	TF		FB	0.5	280.3(295T)	004.0	05600
EREXE	JUBEN	060	SDF	TF		FB	0.5	280.3 (295T)	002.0	05000
EREXE	SAKVY	070	SDF	TF		FB	0.5	280.3(295T)	001.5	04600
EREXE	CEPAV	080	SDF	TF		FB	0.5	280.2(295T)	001.2	04300
EREXE	HAPNU	090	FAF	TF		FB	0.3	280.2(295T)	001.3	03900
EMETT	EMETT	010	IAF	IF		FB				
EMETT	JAGHE	020	IF	TF		FB	1.0	104.1(119T)	024.5	08700
EMETT	QWIST	030	SDF	TF		FB	1.0	104.4(119T)	005.0	08000

(CONT'D ON PAGE 4)

QUALITY

CITY AND STATE BOISE, ID	ELEVATION: 2871 TDZE: 2871 AIRPORT NAME: BOISE AIR TERMINAL/GOWEN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) Z RWY 28R, ORIG-A	SUP:
				AMDT: ORIG
				DATED: 8/27/09

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY- VERSION 424-18

ROUTE TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
EMETT	ICUJY	040	SDF	RF	R	FB	0.5		006.0	06800
EMETT	ZIZAZ	050	SDF	RF	R	FB	0.3		003.2	05800
EMETT	JADWI	060	SDF	RF	R	FB	0.3		003.1	04900
EMETT	CEPAV	070	SDF	RF	R	FB	0.3		002.0	04300
EMETT	HAPNU	080	FAF	TF		FB	0.3	280.2(295T)	001.3	03900
PARMO	PARMO	010	IAF	IF		FB				
PARMO	HUBAS	020	IF	TF		FB	1.0	111.1(126T)	026.8	06000
PARMO	ELUMY	030	SDF	TF		FB	1.0	100.1(155T)	006.0	05800
PARMO	HEGUT	040	SDF	RF	L	FB	0.3		004.6	05200
PARMO	FEGNI	050	SDF	RF	L	FB	0.3		002.9	04300
PARMO	HAPNU	060	FAF	RF	L	FB	0.3		001.4	03900
RENOL	RENOL	010	IAF	IF		FB				
RENOL	DIKAC	020	IF	TF		FB	1.0	060.7(076T)	019.5	05800
RENOL	HEGUT	030	SDF	TF		FB	0.3	010.5(025T)	004.2	05200
RENOL	FEGNI	040	SDF	RF	L	FB	0.3		002.9	04300
RENOL	HAPNU	050	FAF	RF	L	FB	0.3		001.4	03900
UTEGE	UTEGE	010	IAF	IF		FB				
UTEGE	ZABEV	020	SDF	TF		FB	1.0	208.1 (223T)	010.3	10300
UTEGE	TAYFI	030	SDF	TF		FB	1.0	208.0(223T)	005.5	09200
UTEGE	OFTER	040	IF	RF	R	FB	1.0		007.6	06800
UTEGE	MUFPI	050	SDF	TF		FB	0.5	280.3 (295T)	004.0	05600
UTEGE	JUBEN	060	SDF	TF		FB	0.5	280.3(295T)	002.0	05000
UTEGE	SAKYY	070	SDF	TF		FB	0.5	280.3(295T)	001.5	04600
UTEGE	CEPAV	080	SDF	TF		FB	0.5	280.2(295T)	001.2	04300
UTEGE	HAPNU	090	FAF	TF		FB	0.3	280.2(295T)	001.3	03900
	HAPNU	020	FAF	IF		FB				03900
	RW28R	030	MAP	TF		FO		280.2(295T)	003.0	02923 MAN
MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ATTOL	040		TF		FO	1.0	280.2 (295T)	012.9	06000
	ATTOL	050		HM	R	FO	2.0	100.0(115T)	005.0	06000
RUNWAY DATA	RWY	THRESHOLD ELEVATION			TCH					
	RWY28R	02871			52					

CITY AND STATE

BOISE, ID

ELEVATION:

2871 TDZE: 2871

AIRPORT NAME:

BOISE AIR TERMINAL/GOWEN FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) Z RWY 28R, ORIG-A

SUP:

AMDT: ORIG

DATED: 8/27/2009

 QUALITY
4
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AKXEF	N433547.50	W1160432.86	N4335.792	W11604.548
	AKZEG	N433525.69	W1160404.50	N4335.428	W11604.075
	ATTOL	N433857.31	W1162810.86	N4338.955	W11628.181
	BANGS	N440410.21	W1161153.16	N4404.170	W11611.886
	CADKI	N433413.94	W1165705.83	N4334.232	W11657.097
	CANEK	N431857.88	W1154828.06	N4318.965	W11548.468
	CEPAV	N433139.92	W1160645.89	N4331.665	W11606.765
	DIKAC	N432447.87	W1160901.84	N4324.798	W11609.031
	DMHWJ	N433322.31	W1155225.50	N4333.372	W11552.425
	DMMRW	N432949.16	W1161015.34	N4329.819	W11610.256
	ELUMY	N432708.22	W1161159.20	N4327.137	W11611.987
	EMETT	N435450.49	W1163807.41	N4354.842	W11638.124
	EREXE	N432644.90	W1153529.76	N4326.748	W11535.496
	FEGNI	N433119.13	W1160654.31	N4331.319	W11606.905
	HAPNU	N433213.15	W1160822.90	N4332.219	W11608.382
	HEGUT	N432832.69	W1160634.84	N4328.545	W11606.581
	HUBAS	N432941.22	W1161926.74	N4329.687	W11619.446
	IBECO	N434125.03	W1155831.82	N4341.417	W11558.530
	ICCOJ	N432943.78	W1160959.45	N4329.730	W11609.991
	ICGOP	N433511.62	W1160428.69	N4335.194	W11604.478
	ICUJY	N433524.38	W1155834.27	N4335.406	W11558.571
	JAGHE	N434250.99	W1160832.93	N4342.850	W11608.549
	JADWI	N433118.40	W1160401.90	N4331.307	W11604.032
	JUBEN	N433030.84	W1160324.50	N4330.514	W11603.408
	KAJXA	N433525.79	W1160624.85	N4335.430	W11606.414
	LODZI	N434925.08	W1155829.25	N4349.418	W11558.488
	MUFPI	N432939.60	W1160055.40	N4329.660	W11600.923
	NEWKU	N432718.86	W1154500.44	N4327.314	W11545.007
	OFTER	N432756.96	W1155557.42	N4327.949	W11555.957
	PARMO	N434532.78	W1164910.43	N4345.546	W11649.174
	QWIST	N434023.45	W1160232.87	N4340.391	W11602.548
	RENOL	N432002.38	W1163452.24	N4320.040	W11634.904
	ROKTY	N432738.04	W1155028.90	N4327.634	W11550.482
	RW28R	N433330.80	W1161209.95	N4333.513	W11612.166
	SAKVV	N433109.23	W1160516.36	N4331.154	W11605.273
	TAYFI	N432916.99	W1154623.32	N4329.283	W11546.389
	UTEGE	N434049.09	W1153135.67	N4340.818	W11531.595
	ZABEV	N433318.60	W1154114.32	N4333.310	W11541.239
	ZIZAZ	N433232.44	W1160016.01	N4332.541	W11600.267

QUALITY
4
CHECKED

CITY AND STATE

BOISE, ID

ELEVATION:

2871 TDZE:

2871

AIRPORT NAME:

BOISE AIR TERMINAL/GOWEN FIELD

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) Z RWY 28R, ORIG-A

SUP:

AMDT:

ORIG

DATED:

8/27/2009

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: 2.94 MILES AFTER STI NDB							
CANЕК/BOI VORTAC 22.00 DME		STI NDB		134.75 / 13.82				8000		CLIMB TO 5000 THEN CLIMBING LEFT TURN TO 6000 DIRECT STI NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 271.11 INBOUND. CHART FAS OBST: 3320 TOWER 430903N/1154229W CHART: MAX 10000 AT STI NDB. CHART 3419 TREE 430757N/1153903W. STI NDB TO RW28: 3.50/50.							
1. PT <u>R</u> SIDE OF COURSE <u>091.11</u> OUTBOUND <u>6000</u> FT WITHIN <u>10</u> MILES OF <u>STI NDB</u> (IAF) 2. _____ 3. FAC <u>271.11</u> FAF <u>STI NDB</u> DIST FAF TO MAP <u>2.94</u> THLD <u>2.94</u> 4. MIN. ALT <u>STI NDB 4300</u> 8. MSA FROM: <u>STI NDB 120-300 5500, 300-120 9000</u>										MAG VAR: 17E				EPOCH YEAR: 1980			
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-28	3720	1	555	3720	1	555	3720	1 1/2	555	3720	1 3/4	555					
CIRCLING	3720	1	553	3720	1	553	3820	1 3/4	653	3840	2 1/4	673					
NOTES: CHART NOTE: CIRCLING TO RWY 10 NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE MOUNTAIN HOME AFB ALTIMETER SETTING; WHEN NOT RECEIVED, PROCEDURE NA.																	
CITY AND STATE MOUNTAIN HOME, ID				ELEVATION: 3167 TDZE: 3165 AIRPORT NAME: MOUNTAIN HOME MUNI				FACILITY IDENTIFIER: STI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 28, AMDT 3 17 DEC 2009				SUP NDB OR GPS RWY			
														28			
														AMDT 2			
														DATE		10/01/2004	

QUALITY
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 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ALKAL (IAF)	CUMOM (FB)	268.54 / 8.94	5200	LPV: DA LNAV/VNAV: DA LNAV: RW28 CLIMB TO 7900 DIRECT APOBE AND VIA TRACK 319.64 TO ATETY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7900.
CUMOM (IF)	CILKO (FB)	279.62 / 6.02	4400	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 293.07 INBOUND. CHART FAS OBST: 3273 OL ON MCWV TWR 430721N/1154246W CHART 3790 TOWER 430755N/1153751W WAAS CHANNEL # 42815 REFERENCE PATH ID: W28A

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT CUMOM
- FAC: 279.53 FAF: CILKO DIST FAF TO MAP: 3.72 THLD: 3.72
- MIN. ALT: CUMOM 5200, CILKO 4400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 4400 GS ALT AT: CILKO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
- MSA FROM: RW28 9000

MAG VAR: 17E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: ☐	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☐	X ☒											
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3458	1	293	3458	1	293	3458	1	293	3458	1	293			
LNAV/VNAV DA	3566	1 1/2	401	3566	1 1/2	401	3566	1 1/2	401	3566	1 1/2	401			
LNAV MDA	3580	1	415	3580	1	415	3580	1 1/4	415	3580	1 1/4	415			
CIRCLING	3700	1	533	3720	1	553	3820	1 3/4	653	3840	2 1/4	673			

NOTES:
 CHART NOTE: CIRCLING TO RWY 10 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

CITY AND STATE	ELEVATION: 3167 TDZE: 3165	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOUNTAIN HOME, ID	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 28, ORIG	AMDT: NONE
	MOUNTAIN HOME MUNI		17 DEC 2009	DATED

QUALITY
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.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALKAL VIA V-4-253-330 SOUTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: USE MOUNTAIN HOME AFB ALTIMETER SETTING, WHEN NOT RECEIVED PROCEDURE NA.

QUALITY
2
CHECKED

CITY AND STATE

MOUNTAIN HOME, ID

ELEVATION: 3167 TDZE: 3165

AIRPORT NAME:

MOUNTAIN HOME MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, ORIG

17 DEC 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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	U76
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	430742.7890N
LTP/FTP LONGITUDE	1154319.8690W
LTP/FTP ELLIPSOIDAL HEIGHT	+09465
FPAP LATITUDE	430822.5100N
FPAP LONGITUDE	1154508.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER F18E2EFF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09625
FPAP ORTHOMETRIC HEIGHT	+09625

QUALITY
2
CHECKED

CITY AND STATE MOUNTAIN HOME, ID	ELEVATION: 3167 TDZE: 3165 AIRPORT NAME: MOUNTAIN HOME MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED:
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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP U76 K1FR28	AALKAL	010ALKALK1EA0E	A	IF						18000		A JS	
SUSAP U76 K1FR28	AALKAL	020CUMOMK1EA0EE		010TF			26850089	+	05200			A JS	
SUSAP U76 K1FR28	R	010CUMOMK1EA0E	I	IF				+	05200	18000		A JS	
SUSAP U76 K1FR28	R	020CILKOK1EA1E	F	051TF			27960060	+	04400		RW28	K1PGA	JS
SUSAP U76 K1FR28	R	020CILKOK1EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP U76 K1FR28	R	030RW28 K1PG0GY	M	031TF			27950037		03203	-300		A JS	
SUSAP U76 K1FR28	R	040APOBEK1EA0E	M	010DF								A JS	
SUSAP U76 K1FR28	R	050ATETYK1EA0EY		010TF			3196	+	07900			A JS	
SUSAP U76 K1FR28	R	060ATETYK1EA0EE		R020HM			29310070	+	07900			A JS	

[illegible][illegible]

QUALITY
CHECKED

CITY AND STATE MOUNTAIN HOME, ID	ELEVATION: 3167 TDZE: 3165 AIRPORT NAME: MOUNTAIN HOME MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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[illegible]

QUALITY
CHECKED

ELEVATION: 3167 TDZE: 3165
AIRPORT NAME:
MOUNTAIN HOME MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28, ORIG
17 DEC 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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ALKAL	ALKAL	010	IAF	IF		FB				
	ALKAL	CUMOM	020		TF		FB	1.0	268.5 (286T)	008.9	05200
		CUMOM	010	FACF	IF		FB				05200
		CILKO	020	FAF	TF		FB	0.5	279.6 (297T)	006.0	04400
		RW28	030	MAP	TF		FO	0.3	279.5 (297T)	003.7	03203

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	APOBE	040		DF		FB	1.0			
	ATETY	050		TF		FO	1.0	319.6 (337T)		07900
	ATETY	060		HM	R	PO	2.0	293.1 (310T)	007.0	07900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALKAL	N430058.35	W1151941.26	N4300.973	W11519.688
	APOBE	N430909.42	W1154717.59	N4309.157	W11547.293
	ATETY	N432329.55	W1155547.12	N4323.493	W11555.785
	CILKO	N430603.13	W1153847.09	N4306.052	W11538.785
	CUMOM	N430321.54	W1153126.38	N4303.359	W11531.440
	RW28	N430742.79	W1154319.87	N4307.713	W11543.331

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW28	03158		45

QUALITY
CHECKED

CITY AND STATE MOUNTAIN HOME, ID	ELEVATION: 3167 TDZE: 3165	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: MOUNTAIN HOME MUNI			AMDT: NONE
				DATED:

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 03: CLIMB HEADING 027.96 TO 5500, THEN CLIMBING LEFT TURN TO 7500 VIA HEADING 234 AND PIH R-269 TO KNURL INT, THENCE...

RWY 35: CLIMB HEADING 342.95 TO 5500, THEN CLIMBING LEFT TURN TO 7500 VIA HEADING 234 AND PIH R-269 TO KNURL INT, THENCE...

RWY 17: CLIMBING RIGHT TURN TO 7500 VIA PIH R-269 TO KNURL INT; THENCE...

RWY 21: CLIMBING RIGHT TURN TO 7500 VIA PIH R-269 TO KNURL INT; THENCE ...

...VIA ASSIGNED ROUTE EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

(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 03, 21, 35 STANDARD.

RWY 17, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 4900.

(4) Takeoff Obstacle Notes: NOTE: RWY 03, TREES BEGINNING 3,353' FROM DER, 735' LEFT OF CENTERLINE, UP TO 100' AGL/ 4,549' MSL. ROD ON OBSTRUCTION LIGHT 978' FROM DER, 759' RIGHT OF CENTERLINE, 39' AGL/ 4,486' MSL. NOTE: RWY 17: TRANSMISSION TOWER 1.1 NM FROM DER, 2,395' LEFT OF CENTERLINE, 252' AGL/ 4,693' MSL. TREES BEGINNING 1.6 NM FROM DER, 2,642' LEFT OF CENTERLINE, UP TO 100' AGL, 4,759' MSL. FENCE 112' FROM DER, 416' RIGHT OF CENTERLINE, 12' AGL/ 4,453' MSL. BUSH 30' FROM DER, 261' RIGHT OF

(5) Controlling Obstacles: RWY 03: 4549 MSL TREES 425538.01N/1123411.92W; RWY 17: 4693 MSL TRANS TOWER 425245.31N/1123545.34W; RWY 21, 4462 MSL ANTENNA 425400.00N/1123605.02W; RWY 35: 4454 MSL ELECTRICAL EQUIPMENT 425509.27N/1123621.00W

(6) Fixes and/or NAVAID'S :

(7) DP Name KNURL	(8) Number ONE	(9) DP Computer Code KNURL1.KNURL	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 17 DEC 2009
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(13) Airports Served					
Airport Name POCATELLO REGIONAL			City/State POCATELLO, 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, KPIH ATCT, ZLC					
(16) Additional Flight Data: CHART HOLDING AT KNUURL INT, HOLD W, LT 088.72 INBOUND.					
(17) Continuation: BLOCK 4 TAKEOFF OBSTACLE NOTES (CONT): CENTERLINE, 3' AGL/4445' MSL. FENCE 208' FROM DER, 421' RIGHT OF CENTERLINE, 13' AGL/4449' MSL. NOTE: RWY 21, ANTENNA 453' FROM DER, 309' LEFT OF CENTERLINE, 20' AGL/ 4466' MSL, LIGHT ON LOCALIZER, 543' FROM DER, 286' LEFT OF CENTERLINE, 20' AGL/ 4462' MSL. NOTE: RWY 35, ELECTRICAL EQUIPMENT 197' FROM DER, 248' LEFT OF CENTERLINE, 7' AGL/4454' MSL.					
(7) DP Name KNUURL		(8) Number ONE	(9) DP Computer Code KNUURL1.KNUURL	(10) Superseded Number NONE	(11) Dated
					(12) Effective Date 17 DEC 2009

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
DRYAD INT/TWF 28.91 DME	WODEN/TWF 13.00 DME	292.08 / 15.91 (TWF R-112)	9700	ILS: DA LOC: 5.18 MILES AFTER STRIK LOM OR AT TWF 0.81 DME FIX											
MALTT INT	GABBY/TWF 17.01 DME	253.09 / 17.48 (TWF R-073)	7400												
ROGET/TWF 13.00 DME CCW (IAF)	WODEN/TWF 13.00 DME (NOPT)	13.00 DME ARC	8800	CLIMB TO 4600 THEN CLIMBING RIGHT TURN TO 7000 VIA HEADING 020 AND TWF VORTAC R-349 TO TOXEE INT/TWF 13.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 5000 THEN CLIMBING RIGHT TURN TO 6200 DIRECT STRIK LOM AND HOLD E, RT, 255.32 INBOUND. (ADF REQUIRED) (CAT E NA).											
WODEN/13.00 DME CCW (IAF)	UJSON/TWF 13.00 DME (NOPT)	13.00 DME ARC	8200												
TOXEE/13.00 DME CW (IAF)	SOREE INT/TWF 13.00 DME (NOPT)	13.00 DME ARC (TWF LR-064)	7000	ADDITIONAL FLIGHT DATA: HOLD N, RT, 169.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E STRIK LOM, RT, 255.32 INBOUND. CHART FAS OBST: 4159 TREE 422846N/1142812W CHART TWF R-093 AT UJSON. CHART TWF R-112 AT WODEN. CHART TWF R-138 AT ROGET. CHART TWF R-349 AT TOXEE. CHART IN PLANVIEW: STRIK LOM.											
UJSON/13.00 DME CCW	SOREE INT/TWF 13.00 DME	13.00 DME ARC (TWF LR-082)	7000												
SEE 8260-10															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E STRIK LOM, RT, 255.32 INBOUND, 6200 FT. IN LIEU OF PT (IAF) 3. FAC: <u>255.32</u> FAF: <u>STRIK LOM/TWF 6.00 DME</u> DIST FAF TO MAP: <u>5.18</u> THLD: <u>5.18</u> 4. MIN. ALT: <u>STRIK LOM 5900</u> 5. DIST TO THLD FROM OM: <u>5.18</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1034</u> 6. MIN GS INCPT: <u>5900</u> GS ALT AT GS INTC: <u> </u> OM: <u>5882</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.2</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	ILS: STANDARD #	LOC: STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25	4354	1/2	200	4354	1/2	200	4354	1/2	200	4354	1/2	200	4354	1/2	200
S-LOC 25	4480	1/2	326	4480	1/2	326	4480	1/2	326	4480	3/4	326	4480	3/4	326
CIRCLING	4680	1	526	4680	1	526	4700	1 1/2	546	4780	2	626	5020	3	866
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JEROME COUNTY ALTIMETER SETTING AND INCREASE ALL DA 49 FEET, AND ALL MDA 60 FEET, INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 25 CAT E VISIBILITY 1/4 MILE AND S-LOC 25 CAT D 1/4 MILE, CAT E 1/2 MILE. SEE 8260-10								# CAT D 700-2, CAT E 900-3 @ CAT E 900-3 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.							
CITY AND STATE		ELEVATION: 4154 TDZE: 4154		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS RWY 25					
TWIN FALLS, ID		AIRPORT NAME:		JOSLIN FIELD - MAGIC VALLEY RGNL		I-TWF		ILS OR LOC RWY 25, AMDT 9				AMDT: 8A			
								17 DEC 2009				DATED 07/12/2001			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BYI VOR/DME (IAF)	SOREE INT/TWF 13.00 DME (NOPT)	228.98 / 15.96	7000
GABBY/TWF 17.01 DME (IAF)	SOREE INT/TWF 13.00 DME (NOPT)	255.32 / 4.01 (I-TWF)	7000
SOREE INT/TWF 13.00 DME (IF)	STRIK LOM/TWF 6.00 DME	255.32 / 7.00 (I-TWF)	5900

NOTES CONT.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING JEROME COUNTY ALTIMETER SETTING, INCREASE S-ILS 25

CAT E VISIBILITY 1/4 MILE AND S-LOC 25 CAT E VISIBILITY 1/2 MILE.

CHART PLANVIEW NOTE: CAT E HOLDING AT TW LOM NA

QUALITY
2
CHECKED

CITY AND STATE

TWIN FALLS, ID

ELEVATION: 4154 TDZE: 4154

AIRPORT NAME:

JOSLIN FIELD - MAGIC VALLEY RGNL

FACILITY
IDENTIFIER:

I-TWF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 25, AMDT 9

17 DEC 2009

SUP: ILS RWY 25

AMDT: 8A

DATED: 07/12/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
SDF STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.25

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____ EPOCH YEAR: _____

TAKEOFF: _____	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 17 DEC 2009



CITY AND STATE ALMA, MI	ELEVATION: 754 TDZE: 752	FACILITY IDENTIFIER: GTX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: SDF RWY 9, AMDT 8, 12/25/2003	SUP
	AIRPORT NAME: GRATIOT COMMUNITY			AMDT 7A
				DATE 01/30/1997

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 18, 27, 36 STANDARD.

RWY 9, 400-3 OR STANDARD WITH MINIMUM CLIMB OF 251 FT PER NM TO 1400.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 09, MULTIPLE TREES BEGINNING 841' FROM DER, 438' RIGHT OF CENTERLINE, UP TO 58' AGL/817' MSL. MULTIPLE TREES BEGINNING 1383' FROM DER, 380' LEFT OF CENTERLINE, UP TO 71' AGL/820' MSL. NOTE: RWY 18, MULTIPLE TREES BEGINNING 1067' FROM DER, 152' RIGHT OF CENTERLINE, UP TO 70' AGL/829' MSL. MULTIPLE TREES BEGINNING 923' FROM DER, 374' LEFT OF CENTERLINE, UP TO 70' AGL/824' MSL. NOTE: RWY 27, MULTIPLE TREES BEGINNING 306' FROM DER, 272' RIGHT OF CENTERLINE, UP TO 81' AGL/840' MSL. MULTIPLE TREES BEGINNING 1168' FROM DER, 593' LEFT OF CENTERLINE, UP TO 93' AGL/852' MSL. NOTE: RWY 36, MULTIPLE TREES BEGINNING 239' FROM DER, 3' RIGHT OF CENTERLINE, UP TO 86' AGL/845' MSL. MULTIPLE TREES BEGINNING 143' FROM DER, 38' LEFT OF CENTERLINE, UP TO 103' AGL/852' MSL.

(4) CONTROLLING OBSTACLES:

RWY 09: 1,147 MSL TOWER 431946.00N/0843721.00W

(5) City, State

ALMA, MI

(6) Airport

GRATIOT COMMUNITY

(7) Effective Date

17 DEC 2009

(8) Amdt. No

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JERUN (IAF)	COROS (NOPT) (FB)	269.06 / 5.00	3000
WAMIN (IAF)	COROS (NOPT) (FB)	088.92 / 5.00	3000
COROS (IF/IAF)	ORAME (FB)	178.99 / 6.00	2900

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT CUKIT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 358.99 INBOUND.
CHART FAS OBST: 1169 TOWER 394703N/0930022W
DISTANCE TO THLD FROM 345 HAT: 0.96 NM.
WAAS CHANNEL # 42715
REFERENCE PATH ID: W18A
CHART CHILlicothe AWOS-3

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N COROS, RT, 178.99 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 178.99 FAF: ORAME DIST FAF TO MAP: 6.23 THLD: 6.23
- MIN. ALT: COROS 3000, ORAME 2900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2900 GS ALT AT: ORAME 2900 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 2E

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: <u> </u>	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
LPV DA	1188	1 1/4	345	1188	1 1/4	345	1188	1 1/4	345		NA				
LNAV/VNAV DA	1529	2 1/2	686	1529	2 1/2	686	1529	2 1/2	686		NA				
LNAV MDA	1560	1	717	1560	1	717	1560	2	717		NA				
CIRCLING	1560	1	717	1560	1	717	1560	2	717		NA				

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

CITY AND STATE BROOKFIELD, MO	ELEVATION: 843 TDZE: 843 AIRPORT NAME: NORTH CENTRAL MISSOURI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 17 DEC 2009	SUP: AMDT: ORIG-A DATED 06/05/2008
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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: USE CHILLICOTHE MUNI ALTIMETER SETTING, WHEN NOT RECEIVED USE KIRKSVILLE RGNL
ALTIMETER SETTING AND INCREASE ALL DA 24 FEET AND ALL MDA 40 FEET AND INCREASE LNAV AND CIRCLING
CAT B/C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	089/30 CW 269/30 (NOPT)	COROS (IF/IAF) (FB)	3000
2.	269/30 CW 359/30	JERUN (IAF) (FB)	3000
3.	359/30 CW 089/30	WAMIN (IAF) (FB)	3000

CITY AND STATE

BROOKFIELD, MO

ELEVATION: 843 TDZE: 843

AIRPORT NAME:

NORTH CENTRAL MISSOURI RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG-A

DATED: 06/05/2008

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER MO8
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 394631.7480N
LTP/FTP LONGITUDE 0930045.6275W
LTP/FTP ELLIPSOIDAL HEIGHT +02248
FPAP LATITUDE 394502.5900N
FPAP LONGITUDE 0930047.6300W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1528
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

0DF5A5E2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02569
FPAP ORTHOMETRIC HEIGHT +02569

CITY AND STATE

BROOKFIELD, MO

ELEVATION: 843 TDZE: 843

AIRPORT NAME:

NORTH CENTRAL MISSOURI RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG-A

DATED: 06/05/2008

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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP M08 K3FR18	ACOROS	010COROSK3EAGEE	AR	HF			17900040	+	03000	18000		A	JS
SUSAP M08 K3FR18	AJERUN	010JERUNK3EAGE	A	IF						18000		A	JS
SUSAP M08 K3FR18	AJERUN	020COROSK3EAGEE	010TF				26910050	+	03000			A	JS
SUSAP M08 K3FR18	AWAMIN	010WAMINK3EAGE	A	IF						18000		A	JS
SUSAP M08 K3FR18	AWAMIN	020COROSK3EAGEE	010TF				08890050	+	03000			A	JS
SUSAP M08 K3FR18	R	010COROSK3EAGE	I	IF				+	03000	18000		A	JS
SUSAP M08 K3FR18	R	020ORAMEK3EAE	F	051TF			17900060	+	02900			A	JS
SUSAP M08 K3FR18	R	020ORAMEK3EAE2	WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP M08 K3FR18	R	030RW18	K3PGOGY	M	031TF		17900062		00883	-300		A	JS
SUSAP M08 K3FR18	R	040CUKITK3EAGEYM	010DF					+	03000			A	JS
SUSAP M08 K3FR18	R	050CUKITK3EAGEE	R020HM				35960040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE
BROOKFIELD, MO

ELEVATION: 843 TDZE: 843
AIRPORT NAME:
NORTH CENTRAL MISSOURI RGNL

FACILITY
IDENTIFIER:
RNAV

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

SUP:	
AMDT:	ORIG-A
DATED:	06/05/2008

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COROS	COROS	010	IAF	HF	R	FO		179.0 (181T)	004.0	03000
	JERUN	JERUN	010	IAF	IF		FB				
	JERUN	COROS	020		TF		FB	1.0	269.1 (271T)	005.0	03000
	WAMIN	WAMIN	010	IAF	IF		FB				
	WAMIN	COROS	020		TF		FB	1.0	088.9 (091T)	005.0	03000
		COROS	010	PACF	IF		FB				03000
		ORAME	020	FAF	TF		FB	0.5	179.0 (181T)	006.0	02900
		RW18	030	MAP	TF		FO	0.3	179.0 (181T)	006.2	00883

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUKIT	040		DF		FO	1.0			03000
	CUKIT	050		HM	R	FO	2.0	359.0 (001T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COROS	N395846.08	W0930029.14	N3958.768	W09300.486
	CUKIT	N393334.40	W0930102.99	N3933.573	W09301.050
	JERUN	N395840.71	W0925358.94	N3958.679	W09253.982
	ORAME	N395245.57	W0930037.25	N3952.760	W09300.621
	WAMIN	N395851.08	W0930659.35	N3958.851	W09306.989
	RW18	N394631.75	W0930045.63	N3946.529	W09300.761

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00843	40

CITY AND STATE
BROOKFIELD, MO

ELEVATION: 843 TDZE: 843
 AIRPORT NAME:
NORTH CENTRAL MISSOURI RGNL

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **ORIG-A**
 DATED: **06/05/2008**

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		LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 3000 DIRECT COROS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.99 INBOUND. CHART FAS OBST: 874 POLE 394543N/0930030W CHART FAS OBST: 1172 TWR 394603N/0930022W WAAS CHANNEL # 93715 REFERENCE PATH ID: W36A DIST TO THLD FROM 403 HAT 1.17 NM. CHART CHILLICOTHE AWOS-3.									
JANSA (IAF)		CUKIT (NOPT) (FB)		088.92 / 5.00		3000											
WEBEX (IAF)		CUKIT (NOPT) (FB)		269.06 / 5.00		3000											
CUKIT (IF/IAF)		DSNEY (FB)		358.99 / 6.01		2900											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S CUKIT, RT, 358.99 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 358.99 FAF: DSNEY _____ DIST FAF TO MAP: 6.28 THLD: 6.28 4. MIN. ALT: CUKIT 3000, DSNEY 2900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2900 GS ALT AT: DSNEY 2900 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____								MAG VAR: 2E 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		
LPV DA	1238	1 1/2	403	1238	1 1/2	403	1238	1 1/2	403		NA						
LNAV/VNAV DA	1315	1 3/4	480	1315	1 3/4	480	1315	1 3/4	480		NA						
LNAV MDA	1500	1	665	1500	1	665	1500	1 3/4	665		NA						
CIRCLING	1540	1	697	1540	1	697	1540	2	697		NA						
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: USE CHILLICOTHE MUNI ALTIMETER SETTING, WHEN NOT RECEIVED USE KIRKSVILLE RGNL SEE 8260-10																	
CITY AND STATE BROOKFIELD, MO				ELEVATION: 843 TDZE: 835 AIRPORT NAME: NORTH CENTRAL MISSOURI RGNL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 17 DEC 2009				SUP: AMDT: ORIG DATED 03/15/2007	

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

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NOTES CONT.

ALTIMETER

SETTING AND INCREASE ALL DA 24 FEET AND ALL MDA 40 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	269/30 CW 089/30 (NOPT)	CUKIT (IF/IAF) (FB)	3000
2.	089/30 CW 179/30	JANSA (IAF) (FB)	3000
3.	179/30 CW 269/30	WEBEX (IAF) (FB)	3000

CITY AND STATE

BROOKFIELD, MO

ELEVATION: 843

TDZE: 835

AIRPORT NAME:

NORTH CENTRAL MISSOURI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

17 DEC 2009

SUP:

AMDT:

ORIG

DATED:

03/15/2007

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 MO8
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 394552.1935N
LTP/FTP LONGITUDE 0930046.5190W
LTP/FTP ELLIPSOIDAL HEIGHT +02194
FPAP LATITUDE 394721.3500N
FPAP LONGITUDE 0930044.5200W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1528
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

41A4039D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02516
FPAP ORTHOMETRIC HEIGHT +02516

CITY AND STATE

BROOKFIELD, MO

ELEVATION: 843 TDZE: 835

AIRPORT NAME:

NORTH CENTRAL MISSOURI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 03/15/2007

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[illegible][illegible][illegible]

	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 MOS K3GRW36	0040033590	N39455219W093004652+0400	+0219400825000040075R										

[illegible]

CITY AND STATE BROOKFIELD, MO	ELEVATION: 843	TDZE: 835	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 17 DEC 2009	SUP:	
	AIRPORT NAME:				AMDT:	ORIG
	NORTH CENTRAL MISSOURI RGNL				DATED:	03/15/2007

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUKIT	CUKIT	010	IAF	HF	R	FO		359.0(001T)	004.0	03000
	JANSA	JANSA	010	IAF	IF		FB				
	JANSA	CUKIT	020		TF		FB	1.0	088.9(091T)	005.0	03000
	WEBEX	WEBEX	010	IAF	IF		FB				
	WEBEX	CUKIT	020		TF		FB	1.0	269.1(271T)	005.0	03000
		CUKIT	010	PACF	IF		FB				03000
		DSNEY	020	PAF	TF		FB	0.5	359.0(001T)	006.0	02900
		RW36	030	MAP	TF		FO	0.3	359.0(001T)	006.3	00865

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COROS	040		DF		FO	1.0			03000
	COROS	050		HM	R	FO	2.0	179.0(181T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COROS	N395846.08	W0930029.14	N3958.768	W09300.486
	CUKIT	N393334.40	W0930102.99	N3933.573	W09301.050
	DSNEY	N393935.18	W0930054.95	N3939.586	W09300.916
	JANSA	N393339.41	W0930730.84	N3933.657	W09307.514
	WEBEX	N393329.03	W0925435.16	N3933.484	W09254.586
	RW36	N394552.19	W0930046.52	N3945.870	W09300.775

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	00825		40

CITY AND STATE
BROOKFIELD, MO

ELEVATION: 843 TDZE: 835
 AIRPORT NAME:
NORTH CENTRAL MISSOURI RGNL

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **ORIG**
 DATED: **03/15/2007**

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, 36, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 36 - CLIMB HEADING 358.99 TO 1300 BEFORE TURNING EAST.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREE 1432 FEET FROM DER, 397 FEET RIGHT OF CENTERLINE, 100 AGL/869 FEET MSL, POLE 887 FEET FROM DER, 458 FEET LEFT OF CENTERLINE, 44 FEET AGL/ 855 FEET MSL, TREE 1356 FEET FROM DER, 110 FEET LEFT OF CENTERLINE, 100 AGL/864 MSL. NOTE: RWY 36, NUMEROUS TREES BEGINNING 243 FEET FROM DER 439 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/890 FEET MSL, NUMEROUS TREES BEGINNING 463 FEET FROM DER, 13 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/893 FEET MSL, BUILDING 690 FEET FROM DER, 477 FEET LEFT OF CENTERLINE, 30 FEET AGL/ 867 FEET MSL, POLE 1066 FEET FROM DER, 666 FEET RIGHT OF CENTERLINE 35 FEET AGL/875 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 36: 1169 MSL TOWER, 394703.00N-0930022.00W

(5) City, State

BROOKFIELD, MO

(6) Airport

NORTH CENTRAL MISSOURI RGNL

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

1

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:
STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

CUT BANK, MT

(6) Airport

CUT BANK MUNI

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

ORIG

QUALITY
CHECKED

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 09, 27 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09, TREES BEGINNING 81' FROM DER, 76' RIGHT OF CENTERLINE, UP TO 100' AGL/289' MSL. TREES BEGINNING 1914' FROM DER, 834' LEFT OF CENTERLINE, UP TO 100' AGL/279' MSL. POLE 4369' FROM DER, 643' LEFT OF CENTERLINE, 147' AGL/303' MSL.

NOTE: RWY 27, TREES BEGINNING 50' FROM DER, 20' RIGHT OF CENTERLINE, UP TO 100' AGL/259' MSL. TREE 2099' FROM DER, 893' LEFT OF CENTERLINE, 100' AGL/249' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State CROSS KEYS, NJ	(6) Airport CROSS KEYS	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 1
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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				
PTW VORTAC (IAF)	CEXIR (FB)	037.54 / 7.30	2700	LNNAV: RW08 CLIMBING RIGHT TURN TO 2700 DIRECT CEXIR AND HOLD.			
CEXIR (IF)	EKSIC (FB)	081.58 / 6.04	1800				
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 081.58 INBOUND. CHART FAS OBST: 879 TREE 402255N/0752024W EKSIC TO RW08: 3.33/40			

1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT CEXIR	
3. FAC: <u>081.66</u> FAF: <u>EKSIC</u>	DIST FAF TO MAP: <u>3.50</u> THLD: <u>3.50</u>
4. MIN. ALT: <u>CEXIR 2700, EKSIC 1800, EWOKO/1.90 NM TO RW08 1220</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>RW08 2800</u>	

MINIMUMS															
TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	☒											
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
LNNAV MDA	1140	1	583	1140	1	583	1140	1 1/2	583		NA				
CIRCLING	1260	1	692	1260	1	692	1260	2	692		NA				

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

CITY AND STATE PERKASIE, PA	ELEVATION: 568 TDZE: 557 AIRPORT NAME: PENNRIDGE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 1 17 DEC 2009	SUP: AMDT: ORIG-A DATED 03/22/2001
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QUALITY
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 ALL MDA 20 FEET AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PTW VORTAC AIRWAY RADIALS 354 CW 095.

QUALITY
P
CHECKED

CITY AND STATE

PERKASIE, PA

ELEVATION: 568

TDZE: 557

AIRPORT NAME:

PENNRIDGE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 8, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG-A

DATED: 03/22/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KCKZK6FR08	APTW	010PTW	K6D	OV	A	IF				18000		B	JS
SUSAP KCKZK6FR08	APTW	020CEXIRK6EA0EE	010TF				03750073	+	02700			B	JS
SUSAP KCKZK6FR08	R	010CEXIRK6EA0E	I	IF					02700	18000		B	JS
SUSAP KCKZK6FR08	R	020EKSICK6EA1E	F	051TF			08160060	+	01800		RW08	K6PGB	JS
SUSAP KCKZK6FR08	R	020EKSICK6EA2WN			N	ALNAV							JS
SUSAP KCKZK6FR08	R	021EWOKOK6EA0E	S	031TF			08170016	V	0122001238	-333		B	JS
SUSAP KCKZK6FR08	R	030RW08	K6PGOGY	M	031TF		08170019		00563	-333		B	JS
SUSAP KCKZK6FR08	R	040CEXIRK6EA0EYM	R010DF					+	02700			B	JS
SUSAP KCKZK6FR08	R	050CEXIRK6EA0EE	R020HM				08160040	+	02700			B	JS

[illegible][illegible]

QUALITY
1
CHECKED

CITY AND STATE PERKASIE, PA	ELEVATION: 568 TDZE: 557 AIRPORT NAME: PENNRRIDGE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 1 17 DEC 2009	SUP:
				AMDT: ORIG-A
				DATED: 03/22/2001

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PTW	PTW	010	IAF	IF		FB				
	PTW	CEXIR	020		TF		FB	1.0	037.5 (026T)	007.3	02700
		CEXIR	010	FACF	IF		FB				02700
		EKSIC	020	FAF	TF		FB	0.5	081.6 (070T)	006.0	01800
		EWOKO	021	SDF	TF		FB	0.3	081.7 (070T)	001.6	0122001238
		RW08	030	MAP	TF		FO	0.3	081.7 (070T)	001.9	00563

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
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CEXIR	040	DF	R	FO	1.0			02700
CEXIR	050	HM	R	FO	2.0	081.6 (070T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
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PTW	N401320.16	W0753336.96	N4013.336	W07533.616
CEXIR	N401955.54	W0752930.05	N4019.926	W07529.501
EKSIC	N402201.84	W0752205.60	N4022.031	W07522.093
EWOKO	N402235.18	W0752007.92	N4022.586	W07520.132
RW08	N402314.76	W0751748.01	N4023.246	W07517.800

RUNWAY DATA	THRESHOLD
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RWY	ELEVATION	TCH
RW08	00523	40

CITY AND STATE
PERKASIE, PA

ELEVATION: 568	TDZE: 557
AIRPORT NAME:	
PENNRRIDGE	

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 8, AMDT 1
17 DEC 2009

SUP:	
AMDT:	ORIG-A
DATED:	03/22/2001

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QUALITY
CHECKED

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 02, 11, 16, 29, 34 STANDARD.

RWY 20, 400 - 2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 225 FEET PER NM TO 3400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FEET PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2100 FEET PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 02, VEHICLE ON ROADWAY 184' FROM DER, LEFT AND RIGHT OF CENTERLINE, 15' AGL/3024' MSL. NOTE: RWY 16, BUILDING 466' FROM DER, 487' LEFT OF CENTERLINE, 50' AGL/3029' MSL. POWERLINES 896' FROM DER, LEFT AND RIGHT OF CENTERLINE, 30' AGL/2984' MSL. NOTE: RWY 20, TOWER 2.3 MILES FROM DER, 1311' LEFT OF CENTERLINE, 340' AGL/3287' MSL. NOTE: RWY 29, RISING TERRAIN, TREES AND POLES BEGINNING 8' FROM DER, 495' RIGHT OF CENTERLINE, UP TO 27' AGL/ 3012' MSL. NOTE: RWY 34, AIRPLANE ON TAXIWAY 21' FROM DER, 362' LEFT OF CENTERLINE, UP TO 17' AGL/3001' MSL. VEHICLES ON ROADWAY BEGINNING 48' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 16' AGL/3014' MSL. BUILDINGS AND HANGERS BEGINNING 739' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50' AGL/3044' MSL.

(4) CONTROLLING OBSTACLES:

RWY 20: 3287' MSL TOWER 315300.00N-1022430.00W.

QUALITY
1
CHECKED

(5) City, State

ODESSA, TX.

(6) Airport

ODESSA-SCHLEMEYER FIELD

(7) Effective Date

17 DEC 2009

(8) Amdt No

1

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 17: CLIMBING RIGHT TURN TO 12000 VIA LHO VOR/DME R-094 TO LHO VOR/DME AND RIGHT TURN VIA LHO R-012 TO ORNEY INT/LHO 12.34 DME AND LEFT TURN VIA LHO R-012 TO LHO VOR/DME. THENCE.... OR FOR CLIMB IN VISUAL CONDITIONS, CROSS LOGAN-CACHE AIRPORT AT OR ABOVE 9000, CLIMB TO 12000 VIA LHO R-077 TO LHO VOR/DME THENCE....

TAKEOFF RWY 35: CLIMBING LEFT TURN TO 12000 VIA LHO VOR/DME R-059 TO LHO VOR/DME AND RIGHT TURN VIA LHO R-012 TO ORNEY INT/LHO 12.34 DME AND LEFT TURN VIA LHO R-012 TO LHO VOR/DME. THENCE.... OR FOR CLIMB IN VISUAL CONDITIONS, CROSS LOGAN-CACHE AIRPORT AT OR ABOVE 9000, CLIMB TO 12000 VIA LHO R-077 TO LHO VOR/DME THENCE....

....CONTINUE CLIMBING IN LHO VOR/DME HOLDING PATTERN (N, LT, 172.70 INBOUND) TO 12000 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 10, 28, NA-OBSTACLES

RWY 17: STANDARD WITH MINIMUM CLIMB OF 276 FEET PER NM TO 7100, OR 4700-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 274 FEET PER NM TO 9500, OR 4700-3 FOR CLIMB IN VISUAL CONDITIONS.

(4) Takeoff Obstacle Notes:

NOTE: RWY 17, RAILROAD, POLES, AND TREE BEGINNING 336' FROM DER, 220' LEFT OF CENTERLINE, UP TO 45' AGL/4495' MSL.

NOTE: RWY 35, RAILROAD BEGINNING 205' FROM DER, 554' RIGHT OF CENTERLINE, UP TO 23' AGL/4490' MSL.

(5) Controlling Obstacles: RWY 17: 6439 MSL AAO, 414333.00N-1120209.00W, 9572 MSL AAO, 413810.30N-1120039.80W. RWY 35: 8444 MSL AAO, 415526.30N-1120728.40W, 9572 MSL AAO, 413810.30N-1120039.80W. VCOA: 8439 MSL AAO, 414844.30N-1114434.20W, 9572 MSL AAO, 413810.30N-1120039.80W.

(6) Fixes and/or NAVAID'S :

(7) DP Name LOGAN	(8) Number ONE	(9) DP Computer Code LOGAN1.LHO	(10) Superseded Number NONE	(11) Dated	(12) Effective Date 17 DEC 2009
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(13) Airports Served					
Airport Name	LOGAN-CACHE	City/State	LOGAN, UT		
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:					
CHART HOLDING AT LHO VOR/DME HOLD N, LT 173 INBOUND.					
(17) Continuation:					
(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
LOGAN	ONE	LOGAN1.LOH	NONE		17 DEC 2009

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWYS 10, 28, NA-OBSTACLES

(2) TEXTUAL DEPARTURE PROCEDURE:

RWYS 17, 35 USE LOGAN DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

LOGAN, UT

(6) Airport

LOGAN-CACHE

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

8

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 17 DEC 2009

CITY AND STATE BARRE/MONTPELIER, VT	ELEVATION: 1166 TDZE: 1158	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 35, ORIG-A, 02/29/2000	SUP
	AIRPORT NAME: EDWARD F KNAPP STATE			AMDT ORIG
	DATE 12/5/1996			

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.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW35 CLIMBING RIGHT TURN TO 4100 DIRECT MPV VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 181.95 INBOUND. CHART FAS OBST: 1639 TREE 441043N/0723338W WIVLO TO RW35: 3.20/40. CHART AIRPORT ELEV 1166/TDZE 1158	
LEB VOR/DME	DAVID (FB)	353.54 / 15.00	5000		
MPV VOR/DME	VEBBE (FO)	181.95 / 4.33	4100		
RUCKY (IAF)	VEBBE (NOPT) (FB)	083.23 / 8.00	4100		
DAVID (IAF)	VEBBE (NOPT) (FB)	348.27 / 7.16	4100		
VEBBE (IF/IAF)	BUZOC (FB)	347.77 / 3.20	4000		
BUZOC	WIVLO (FB)	347.76 / 2.90	3300		

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD S VEBBE, RT, 347.77 INBOUND, 4100 FT. IN LIEU OF PT (IAF)	
3. FAC: 347.74 FAF: WIVLO DIST FAF TO MAP: 6.18 THLD: 6.18	
4. MIN. ALT: VEBBE 4100, BUZOC 4000, WIVLO 3300, ZAXER/3.80 NM TO RW35 2480*	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____	
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR	
8. MSA FROM: RW35 5600	

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	2000	1	842	2000	1 1/4	842	2000	2 1/2	842	2000	2 3/4	842			
CIRCLING	2000	1	834	2000	1 1/4	834	2000	2 1/2	834	2480	3	1314			

NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. * 3000 WHEN USING MORRISVILLE ALTIMETER SETTING. CHART NOTE: WHEN USING MORRISVILLE ALTIMETER SETTING STRAIGHT-IN MINIMUMS NA. SEE 8260-10		@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 1400-3 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
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CITY AND STATE	ELEVATION: 1166 TDZE: 1158	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BARRE/MONTPELIER, VT	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 35, ORIG	AMDT: NONE
	EDWARD F KNAPP STATE		17 DEC 2009	DATED

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORRISVILLE ALTIMETER SETTING AND INCREASE CIRCLING MDA 520 FT, INCREASE CAT A AND B VISIBILITY 1/4 MILE AND CAT C 1/2 MILE.

QUALITY
1
CHECKED

CITY AND STATE

BARRE/MONTPELIER, VT

ELEVATION: 1166 TDZE: 1158

AIRPORT NAME:

EDWARD F KNAPP STATE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

17 DEC 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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMPVK6FR35	ALEB	010LEB	K6D	OV	IF					18000		B	JS
SUSAP KMPVK6FR35	ALEB	020DAVIDK6EA0E	A	020TF			35350150	+	05000			B	JS
SUSAP KMPVK6FR35	ALEB	030VEBBEK6EA0EE	010TF				34830072	+	04100			B	JS
SUSAP KMPVK6FR35	AMPV	010MPV	K6D	OV	IF					18000		B	JS
SUSAP KMPVK6FR35	AMPV	020VEBBEK6EA0EY	020TF				18200043	+	04100			B	JS
SUSAP KMPVK6FR35	AMPV	030VEBBEK6EA0EE	AR	HF			34780050	+	04100			B	JS
SUSAP KMPVK6FR35	ARUCKY	010RUCKYK6EA0E	A	IF						18000		B	JS
SUSAP KMPVK6FR35	ARUCKY	020VEBBEK6EA0EE	010TF				08320080	+	04100			B	JS
SUSAP KMPVK6FR35	R	010VEBBEK6EA0E	I	IF				+	04100	18000		B	JS
SUSAP KMPVK6FR35	R	011BUZOCK6EA0E	S	051TF			34780032	+	04000			B	JS
SUSAP KMPVK6FR35	R	020WIVLOK6EA1E	F	051TF			34780029	+	03300		RW35	K6PGB	JS
SUSAP KMPVK6FR35	R	020WIVLOK6EA2WN			N	ALNAV							JS
SUSAP KMPVK6FR35	R	021ZAXERK6EA0E	S	031TF			34770024	V	0248002503	-320		B	JS
SUSAP KMPVK6FR35	R	030RW35	K6PG0GY	M	031TF		34770038		01198	-320		B	JS
SUSAP KMPVK6FR35	R	040MPV	K6D	OVYM	R010DF			+	04100			B	JS

QUALITY
1
CHECKED

CITY AND STATE BARRE/MONTPELIER, VT	ELEVATION: 1166 TDZE: 1158 AIRPORT NAME: EDWARD F KNAPP STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 17 DEC 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

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SUSAP KMPVK6FR35 R 050MPV K6D OVE R020HM 18200040 + 04100 B JS

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

SUSAP KMPVK6GRW35 0050023477 N44114459W072333463-1500 +0325201158048740100R

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

SUSAP KMPVK6SRW35 K6PG 0 18018005625 M

QUALITY
CHECKED

CITY AND STATE
BARRE/MONTPELIER, VT

ELEVATION: 1166 TDZE: 1158
 AIRPORT NAME:
 EDWARD F KNAPP STATE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 35, ORIG
 17 DEC 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
	LEB	LEB	010		IF		FB				
	LEB	DAVID	020	IAF	TF		FB	2.0	353.5 (338T)	015.0	05000
	LEB	VEBBE	030		TF		FB	1.0	348.3 (332T)	007.2	04100
	MPV	MPV	010		IF		FB				
	MPV	VEBBE	020		TF		FO	2.0	182.0 (166T)	004.3	04100
	MPV	VEBBE	030	IAF	HF	R	FO		347.8 (332T)	005.0	04100
	RUCKY	RUCKY	010	IAF	IF		FB				
	RUCKY	VEBBE	020		TF		FB	1.0	083.2 (067T)	008.0	04100
		VEBBE	010	FACF	IF		FB				04100
		BUZOC	011	SDF	TF		FB	0.5	347.8 (332T)	003.2	04000
		WIVLO	020	FAF	TF		FB	0.5	347.8 (332T)	002.9	03300
		ZAXER	021	SDF	TF		FB	0.3	347.7 (332T)	002.4	0248002503
		RW35	030	MAP	TF		FO	0.3	347.7 (332T)	003.8	01198

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MPV	040		DF	R	FO	1.0			04100
	MPV	050		HM	R	FO	2.0	182.0 (166T)	004.0	04100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LEB	N434043.87	W0721257.84	N4340.731	W07212.964
	MPV	N440507.74	W0722657.76	N4405.129	W07226.963
	BUZOC	N440344.77	W0722736.29	N4403.746	W07227.605
	DAVID	N435435.54	W0722053.44	N4354.592	W07220.891
	RUCKY	N435750.16	W0723543.98	N4357.836	W07235.733
	VEBBE	N440055.60	W0722530.34	N4400.927	W07225.506
	WIVLO	N440618.03	W0722930.56	N4406.301	W07229.509
	ZAXER	N440823.82	W0723104.47	N4408.397	W07231.075
	RW35	N441144.59	W0723334.63	N4411.743	W07233.577

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01158	40

CITY AND STATE
BARRE/MONTPELIER, VT

ELEVATION: 1166 TDZE: 1158
 AIRPORT NAME:
EDWARD F KNAPP STATE

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **NONE**
 OATED:

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	LPV: DA LNAV/VNAV: DA LNAV: RW16R CLIMB TO 3000 DIRECT DUVPE AND VIA TRACK 249.14 TO FOVUS AND VIA TRACK 000.56 TO ZAGIC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 148.87 INBOUND. CHART FAS OBST: 745 ANTENNA 475533N/1221628W DISTANCE TO THLD FROM 260 HAT: 0.68 NM. CHART VDP AT 1.40 MILES TO RW16R* *LNAV ONLY. WAAS CHANNEL # 60911 REFERENCE PATH ID: W16A CHART TDZE 570											
PAE VOR/DME	EYWOK (FO)	337.49 / 11.18	3000												
ZAGIC (IAF)	EYWOK (NOPT) (FB)	126.38 / 4.27	3000												
EYWOK (IF/IAF)	ITYPE (FB)	159.14 / 6.78	2000												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N EYWOK, RT, 159.14 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 159.14 FAF: ITYPE _____ DIST FAF TO MAP: 4.30 THLD: 4.30 4. MIN. ALT: EYWOK 3000, ITYPE 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2000 GS ALT AT: ITYPE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 51.2 34:1 IS CLEAR 8. MSA FROM: RW16R 8100				MAG VAR: 20E 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	830	2400	260	830	2400	260	830	2400	260	830	2400	260			
LNAV/VNAV DA	1045	6000	475	1045	6000	475	1045	6000	475	1045	6000	475			
LNAV MDA	1060	2400	490	1060	2400	490	1060	4000	490	1060	5000	490			
CIRCLING	1100	1	494	1100	1	494	1100	1 1/2	494	1180	2	574			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.															
CITY AND STATE		ELEVATION: 606 TDZE: 570		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
EVERETT, WA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 16R, ORIG-A				AMDT: ORIG					
		SNOHOMISH COUNTY (PAINE FLD)				17 DEC 2009				DATED 07/07/2005					

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 KPAE
RUNWAY RW16R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A
LTP/FTP LATITUDE 475516.7900N
LTP/FTP LONGITUDE 1221709.1000W
LTP/FTP ELLIPSOIDAL HEIGHT +01482
FPAP LATITUDE 475347.7600N
FPAP LONGITUDE 1221707.1100W
THRESHOLD CROSSING HEIGHT (TCH) 00051.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

981CD590

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +01715
FPAP ORTHOMETRIC HEIGHT +01715

QUALITY
CHECKED

CITY AND STATE

EVERETT, WA

ELEVATION: 606 TDZE: 570

AIRPORT NAME:

SNOHOMISH COUNTY (PAINE FLD)

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16R, ORIG-A

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 07/07/2005

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPAEK1FR16R	APAE	010PAE	K1D	0V	IF					18000		A	JS
SUSAP KPAEK1FR16R	APAE	020EYWOKK1EA0EY	020TF				33750112	+	03000			A	JS
SUSAP KPAEK1FR16R	APAE	030EYWOKK1EA0EE	AR	HF			15910040	+	03000			A	JS
SUSAP KPAEK1FR16R	AZAGIC	010ZAGICK1EA0E	A	IF						18000		A	JS
SUSAP KPAEK1FR16R	AZAGIC	020EYWOKK1EA0EE	3	010TF			12640043	+	03000			A	JS
SUSAP KPAEK1FR16R	R	010EYWOKK1EA0E	I	IF				+	03000	18000		A	JS
SUSAP KPAEK1FR16R	R	020ITPEK1EA1E	F	051TF			15910068	+	02000		RW16R	K1PGA	JS
SUSAP KPAEK1FR16R	R	020ITPEK1EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KPAEK1FR16R	R	030RW16RK1PGOGY	M	031TF			15910043		00614	-300		A	JS
SUSAP KPAEK1FR16R	R	040	0	M	010CA		1591	+	00830			A	JS
SUSAP KPAEK1FR16R	R	050DUVPEK1EA0E		010DF								A	JS
SUSAP KPAEK1FR16R	R	060FOVUSK1EA0E		R010TFY			2491					A	JS
SUSAP KPAEK1FR16R	R	070ZAGICK1EA0EY		010TF			0006	+	03000			A	JS
SUSAP KPAEK1FR16R	R	080ZAGICK1EA0EE		R020HM			14890040	+	03000			A	JS

SUP:	
AMDT:	ORIG
DATED:	07/07/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

SUSAP KPAEK1GRW16R	0090101591	N47551679W	122170910+0200	+0148200563000057150I									
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KPAEK1PR16R	RW16R001	0000W16A0N4755167900W	12217091000+014820300N4753477600W	12217071100106750000000512F400500981CD590									
SUSAP KPAEK1PR16R	RW16R002E	+01715+01715LPV		60911									
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KPAEK1SRW16RK1PG	0	18018008125	M										

CITY AND STATE
EVERETT, WA

ELEVATION: 606 TDZE: 570
AIRPORT NAME:
SNOHOMISH COUNTY (PAINE FLD)

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16R, ORIG-A
17 DEC 2009

SUP:
AMD'T: ORIG
DATED: 07/07/2005

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
	PAE	PAE	010		IF		FB				
	PAE	EYWOK	020	IAF	TF		FO	2.0	337.5 (358T)	011.2	03000
	PAE	EYWOK	030	IAF	HF	R	FO		159.1 (179T)	004.0	03000
	ZAGIC	ZAGIC	010	IAF	IF		FB				
	ZAGIC	EYWOK	020	IF	TF		FB	1.0	126.4 (146T)	004.3	03000
		EYWOK	010	FACF	IF		FB				03000
		ITIFE	020	FAF	TF		FB	0.5	159.1 (179T)	006.8	02000
		RW16R	030	MAP	TF		FO	0.3	159.1 (179T)	004.3	00614

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	159.1 (179T)		00830
	DUVPE	050		DF		FB	1.0			
	FOVUS	060		TF		FB	1.0	249.1 (269T)		
	ZAGIC	070		TF		FO	1.0	000.6 (021T)		03000
	ZAGIC	080		HM	R	FO	2.0	148.9 (169T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PAE	N475511.40	W1221640.20	N4755.190	W12216.670
	DUVPE	N475017.01	W1221702.42	N4750.284	W12217.040
	EYWOK	N480621.09	W1221723.99	N4806.352	W12217.400
	FOVUS	N475006.94	W1223201.82	N4750.116	W12232.030
	ITIFE	N475934.65	W1221714.87	N4759.578	W12217.248
	ZAGIC	N480954.36	W1222055.65	N4809.906	W12220.928
	RW16R	N475516.79	W1221709.10	N4755.280	W12217.152

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
	RW16R	00563
		57

CITY AND STATE
EVERETT, WA

ELEVATION: 606 TDZE: 570
 AIRPORT NAME:
 SNOHOMISH COUNTY (PAINE FLD)

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 16R, ORIG-A
 17 DEC 2009

SUP:
 AMDT: ORIG
 DATED: 07/07/2005

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 4600 DIRECT YKM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4600; OR WHEN DIRECTED BY ATC, CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 4300 VIA HEADING 140 FOR RADAR VECTORS (RADAR REQUIRED). ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.00 INBOUND. CHART R-6714A, B, C, D. CHART YKM R-221 AT WIKIK. CHART YKM R-338 AT CIDOG. CHART YKM R-075 AT FITIM. CHART (UPONY) AT INTERSECTION OF DR LEG AND YKM R-096.			
SELAH INT/YKM 8.97 DME	YKM VORTAC	130.01 / 8.97	5500				
YKM VORTAC	DONNY LOM	110.72 / 4.02	5000				
SUNED INT/YKM 26.03 DME (IAF)	OPISE/YKM 13.00 DME (NOPT)	315.02 / 9.00 (HDG) & 275.68 / 5.41 (YKM R-096)	5000				
MARRK INT/20.85 DME (IAF)	OPISE/YKM 13.00 DME (NOPT)	221.00 / 3.84 (HDG) & 275.68 / 5.41 (YKM R-096)	5000				
WIKIK/YKM 13.00 DME CCW (IAF)	OPISE/YKM 13.00 DME	13.00 DME ARC (YKM LR-105)	5000				
CIDOG/YKM 13.00 DME CW (IAF)	FITIM/YKM 13.00 DME (NOPT)	13.00 DME ARC	6000				
SEE 8260-10							
1. PT <u>R</u> SIDE OF COURSE <u>094.00</u> OUTBOUND <u>4300</u> FT WITHIN <u>10</u> MILES OF <u>DONNY LOM</u> (IAF) 2. _____ 3. FAC: <u>274.00</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: _____ 5. DIST TO THLD FROM OM: <u>5.63</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>984</u> 6. MIN GS INCPT: <u>3800</u> GS ALT AT: <u>GS</u> INTCP _____ OM: <u>3382</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.2</u> 8. MSA FROM: <u>YK LOM 160-340 7400, 340-160 5400</u>							
				MAG VAR: 16E EPOCH YEAR: 2010			
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A	ILS: #
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
S-ILS 27	1668	1 3/4	600	1668	1 3/4	600	1668 1 3/4 600
CIRCLING	1680	2 1/4	581	1680	2 1/4	581	1700 2 1/4 601 1800 2 1/4 701
NOTES: CHART NOTE: FOR INOPERATIVE MALSRs, INCREASE S-ILS 27 ALL CATs VISIBILITY TO 2 1/4. CHART NOTE: CIRCLING NA SOUTH OF RWY 9/27. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART NOTE: CIRCLING REQUIRES DESCENT ON GS TO CMDA.							
CITY AND STATE YAKIMA, WA				ELEVATION: 1099 TDZE: 1068 AIRPORT NAME: YAKIMA AIR TERMINAL/MCALLISTER FIELD		FACILITY IDENTIFIER: I-YKM	
PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Y RWY 27, ORIG 17 DEC 2009				SUP: AMDT: DATED			

QUALITY
 CHECKED
 DATE

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FITIM/YKM 13.00 DME CW	OPISE/YKM 13.00 DME	13.00 DME ARC (YKM LR-086)	5000
OPISE/YKM 13.00 DME (IF)	GS INTCP	274.00 / 7.92 (I-YKM)	3800

QUALITY
4
CHECKED

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
 AIRPORT NAME:
 YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
I-YKM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 ILS Y RWY 27, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA
SELAH INT/YKM 8.97 DME	YKM VORTAC	130.01 / 8.97	5500	CLIMB TO 2600 THEN CLIMBING RIGHT TURN TO 4600 DIRECT YKM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4600; OR WHEN DIRECTED BY ATC, CLIMB TO 2600 THEN CLIMBING LEFT TURN TO 4300 VIA HEADING 140 FOR RADAR VECTORS. MISSED APPROACH OBSTRUCTIONS REQUIRES MINIMUM CLIMB GRADIENT OF 300 FT/NM (RADAR REQUIRED). ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.00 INBOUND. CHART R-6714 A, B, C, D. CHART YKM R-221 AT WIKIK. CHART YKM R-338 AT CIDOG. CHART YKM R-075 AT FITIM. CHART (UPONY) AT INTERSECTION OF DR LEG AND YKM R-096
YKM VORTAC	DONNY LOM	110.72 / 4.02	5000	
SUNED INT/YKM 26.03 DME (IAF)	OPISE/YKM 13.00 DME (NOPT)	315.02 / 9.00 (HDG) & 275.68 / 5.41 (YKM R-096)	5000	
MARRK INT/YKM 20.85 DME (IAF)	OPISE/YKM 13.00 DME (NOPT)	221.00 / 3.84 (HDG) & 275.68 / 5.41 (YKM R-096)	5000	
WIKIK/YKM 13.00 DME CCW (IAF)	OPISE/YKM 13.00 DME (NOPT)	13.00 DME ARC (YKM LR-105)	5000	
CIDOG/YKM 13.00 DME CW (IAF)	FITIM/YKM 13.00 DME (NOPT)	13.00 DME ARC	6000	
SEE 8260-10				

- PT R SIDE OF COURSE 094.00 OUTBOUND 4300 FT WITHIN 10 MILES OF DONNY LOM (IAF)
-
- FAC: 274.00 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
- MIN. ALT: _____
- DIST TO THLD FROM OM: 5.63 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 984
- MIN GS INCPT: 3800 GS ALT AT: GS INTCP OM: 3382 MM: - IM: -
- GS ANGLE: 3.00 TCH: 57.2
- MSA FROM: YK LOM 160-340 7400, 340-160 5400

MAG VAR: 16E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			ILS: STANDARD #						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27		**1268	2400	200	**1268	2400	200	**1268	2400	200	**1268	2400	200			
CIRCLING		1640	1	541	1660	1	561	1700	1 3/4	601	1800	2 1/4	701			

NOTES:
 CHART NOTE: CIRCLING NA SOUTH OF RWY 9/27.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
 CHART NOTE: CIRCLING REQUIRES DESCENT ON GS TO CMDA.
 CHART PLANVIEW NOTE: MISSED APPROACH OBSTRUCTIONS REQUIRES MINIMUM CLIMB GRADIENT OF 250 FT/NM.
 CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CAT C 700-2, CAT D 800-2 1/4
 # NA WHEN CONTROL TOWER CLOSED.

QUALITY
6
CHECKED

CITY AND STATE YAKIMA, WA	ELEVATION: 1099 TDZE: 1068 AIRPORT NAME: YAKIMA AIR TERMINAL/MCALLISTER FIELD	FACILITY IDENTIFIER: I-YKM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Z RWY 27, AMDT 27 17 DEC 2009	SUP: ILS RWY 27 AMDT: 26D DATED 04/10/2008
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FITIM/YKM 13.00 DME CW	OPISE/YKM 13.00 DME	13.00 DME ARC (YKM LR-086)	5000
OPISE/YKM 13.00 DME (IF)	GS INTCP	274.00 / 7.92 (I-YKM)	3800

QUALITY
6
CHECKED

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
AIRPORT NAME:
YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
I-YKM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS Z RWY 27, AMDT 27
17 DEC 2009

SUP: ILS RWY 27
AMDT: 26D
DATED: 04/10/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME BC 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: HABVA/YKM 5.30 DME FIX										
WOREM/YKM 22.00 DME			TUDGY/YKM 17.00 DME			070.00 / 5.00 (YKM R-250)			7500		CLIMB TO 4600 VIA YKM VORTAC R-252 TO YKM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4600. ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.00 INBOUND. CHART FAS OBST: 1256 TREE 463459N/1203504W CHART OBST: 2519 AAO 463711N/1204203W CHART YKM R-187 AT YABLU. CHART YKM R-310 AT DATVE. CHART YKM R-284 AT CADED. CHART YKM R-250 AT TUDGY. GULSY TO RW09: 5.94/50										
TUDGY/YKM 17.00 DME CW (IAF)			BABRE/YKM 17.00 DME			17.00 DME ARC (YKM LR-257)			5800												
YABLU/YKM 17.00 DME CW (IAF)			BABRE/YKM 17.00 DME			17.00 DME ARC (YKM LR-271)			5800												
DATVE/YKM 17.00 DME CCW (IAF)			CADED/YKM 17.00 DME			17.00 DME ARC			7000												
CADED/YKM 17.00 DME CCW (IAF)			BABRE/YKM 17.00 DME			17.00 DME ARC (YKM LR-271)			5800												
BABRE/YKM 17.00 DME (IF)			WUDNO/YKM 13.38 DME			093.98 / 3.64 (I-YKM)			4700												
WUDNO/YKM 13.38 DME			ADXAC/YKM 10.60 DME			093.98 / 2.80 (I-YKM)			3900												
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT BABRE/YKM 17.00 DME 3. FAC <u>093.98</u> FAF <u>ADXAC/YKM 10.60 DME</u> DIST FAF TO MAP <u> </u> THLD <u> </u> 4. MIN. ALT <u>BABRE 5800, WUDNO 4700, ADXAC 3900, GULSY/YKM 6.30 DME 2160</u> 8. MSA FROM: YKM VORTAC 340-160 5400, 160-340 8000										MAG VAR: 16E 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					
CIRCLING		1760	1	661	1760	1	661	1760	3/4	661	1800	2 1/4	701								
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART PROFILE NOTE: DISREGARD GS INDICATIONS. CHART NOTE: SIMULTANEOUS RECEPTION OF I-YKM AND YKM DME REQUIRED. CHART NOTE: CIRCLING NA SOUTH OF RWY 09-27. SEE 8260-10																	@ CAT D 800-2 1/4 @ NA WHEN CONTROL TOWER CLOSED.			QUALITY & CHECKED	
CITY AND STATE				ELEVATION: 1099 TDZE:				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
YAKIMA, WA				AIRPORT NAME:				I-YKM				17 DEC 2009				AMDT 2A					
				YAKIMA AIR TERMINAL/MCALLISTER FIELD												DATE 05/30/1991					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC/DME BC 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.

NOTES CONT.

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

QUALITY
CHECKED

CITY AND STATE

YAKIMA, WA

ELEVATION: 1099

TDZE:

AIRPORT NAME:

YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:

I-YKM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC/DME BC-B, AMDT 3

17 DEC 2009

SUP:

AMDT:

2A

DATED:

05/30/1991

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: PALZI CLIMB TO 6200 DIRECT NEXZI AND RIGHT TURN VIA TRACK 005.08 TO GEBTE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6200. ADDITIONAL FLIGHT DATA: HOLD S, LT, 355.00 INBOUND. CHART FAS OBST: 1850 POLE 463151N/1202725W CHART VDP AT 1.94 MILES TO PALZI. OAKSS TO RW27: 3.00/57. CHART: R-6714 A, B, C, D. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.											
SELAH	OPISE (FO)	114.52 / 21.02	5600												
MARRK (IAF)	OPISE (NOPT) (FB)	258.57 / 8.24	4700												
SUNED (IAF)	OPISE (NOPT) (FB)	305.56 / 13.64	4700												
OPISE (IF/IAF)	OAKSS (FB)	282.18 / 8.86	3500												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E OPISE, LT, 282.18 INBOUND, 4700 FT. IN LIEU OF PT (IAF) 3. FAC: 264.12 FAF: OAKSS _____ DIST FAF TO MAP: 7.02 THLD: 7.51 4. MIN. ALT: OPISE 4700, OAKSS 3500, AGITY/3.00 NM TO PALZI 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS CLEAR 8. MSA FROM: PALZI 8200				MAG VAR: 16E EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @												
CATEGORY =====>	A		B		C										
	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	1880	4000	812	1880	4000	812	1880	2	812	1880	2 1/4	812			
CIRCLING	1880	1	781	1880	1 1/4	781	1880	2 1/2	781	1880	2 3/4	781			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. @ CAT C 800-2 1/2, CAT D 800-2 3/4 CHART NOTE: CIRCLING NA SOUTH OF RWY 9/27. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SELAH VIA V468 NORTHBOUND AND V298 NORTHWEST SEE 8260-10															
CITY AND STATE YAKIMA, WA		ELEVATION: 1099 TDZE: 1068 AIRPORT NAME: YAKIMA AIR TERMINAL/MCALLISTER FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 27, ORIG 17 DEC 2009		SUP: AMDT: NONE DATED							

QUALITY
7
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.
BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MARRK VIA V204 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNED VIA V4-298 SOUTHEAST BOUND.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT A VISIBILITY TO RVR 5000.

CITY AND STATE

YAKIMA, WA

ELEVATION: 1099 TDZE: 1068

AIRPORT NAME:

YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 27, ORIG

17 DEC 2009

SUP:

AMDT:

DATED:

QUALITY
NONE
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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KYKMK1FR27-Y AMARRK 010MARRKK1EA0E A IF										18000		B JS	
SUSAP KYKMK1FR27-Y AMARRK 020OPISEK1EA0EE 010TF							25860082	+	04700			B JS	
SUSAP KYKMK1FR27-Y ASELAH 010SELAHK1EA0E IF										18000		B JS	
SUSAP KYKMK1FR27-Y ASELAH 020OPISEK1EA0EY A 020TF							11450210	+	05600			B JS	
SUSAP KYKMK1FR27-Y ASELAH 030OPISEK1EA0EB CL HF							28220050	+	04700			B JS	
SUSAP KYKMK1FR27-Y ASUNED 010SUNEDK1EA0E A IF										18000		B JS	
SUSAP KYKMK1FR27-Y ASUNED 020OPISEK1EA0EE 010TF							30560136	+	04700			B JS	
SUSAP KYKMK1FR27-Y R 010OPISEK1EA0E I IF								+	04700	18000		B JS	
SUSAP KYKMK1FR27-Y R 0200AKSSK1EA1E F 051TF							28220089	+	03500		PALZI K1EAB	JS	
SUSAP KYKMK1FR27-Y R 0200AKSSK1EA2WN					N	ALNAV						JS	
SUSAP KYKMK1FR27-Y R 021AGITYK1EA0E S 031TF							26410040	V	0220002228	-300		B JS	
SUSAP KYKMK1FR27-Y R 030PALZIK1EA0EY M 031TF							26410030		01260	-300		B JS	
SUSAP KYKMK1FR27-Y R 040NEXZIK1EA0E M 010DF												B JS	
SUSAP KYKMK1FR27-Y R 050GEBTEK1EA0EY R010TFY							0051	+	06200			B JS	
SUSAP KYKMK1FR27-Y R 060GEBTEK1EA0EE HL020HM							35500070	+	06200			B JS	

CITY AND STATE YAKIMA, WA	ELEVATION: 1099 TDZE: 1068 AIRPORT NAME: YAKIMA AIR TERMINAL/MCALLISTER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 27, ORIG 17 DEC 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:	

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
	MARRK	MARRK	010	IAF	IF		FB				
	MARRK	OPISE	020		TF		FB	1.0	258.6 (275T)	008.2	04700
	SELAH	SELAH	010		IF		FB				
	SELAH	OPISE	020	IAF	TF		FO	2.0	114.5 (131T)	021.0	05600
	SELAH	OPISE	030		HF	L	FO		282.2 (298T)	005.0	04700
	SUNED	SUNED	010	IAF	IF		FB				
	SUNED	OPISE	020		TF		FB	1.0	305.6 (322T)	013.6	04700
		OPISE	010	FACF	IF		FB				04700
		OAKSS	020	FAP	TF		FB	0.5	282.2 (298T)	008.9	03500
		AGITY	021	SDF	TF		FB	0.3	264.1 (280T)	004.0	0220002228
		PALZI	030	MAP	TF		FO	0.3	264.1 (280T)	003.0	01260

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NEXZI	040		DF		FB	1.0			
	GEBTE	050		TF	R	FO	1.0	005.1 (021T)		06200
	GEBTE	060		HM	L	FO	2.0	355.0 (011T)	007.0	06200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGITY	N463314.08	W1202654.88	N4633.235	W12026.915
	GEBTE	N465139.01	W1203017.18	N4651.650	W12030.286
	MARRK	N462742.77	W1195759.22	N4627.713	W11957.987
	NEXZI	N463447.57	W1203945.71	N4634.793	W12039.762
	OAKSS	N463231.85	W1202110.82	N4632.531	W12021.180
	OPISE	N462821.50	W1200952.18	N4628.358	W12009.870
	PALZI	N463345.40	W1203111.74	N4633.757	W12031.196
	SELAH	N464203.01	W1203259.48	N4642.050	W12032.991
	SUNED	N461741.55	W1195736.15	N4617.693	W11957.603
	RW27	N463355.53	W1203152.08	N4633.926	W12031.868

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01049	57

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
 AIRPORT NAME:
 YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 27, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 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.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA CLIMB TO 6200 DIRECT BOPSS AND RIGHT TURN VIA TRACK 005.44 TO GEBTE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6200. ADDITIONAL FLIGHT DATA: HOLD S, LT, 355.00 INBOUND. DISTANCE TO THLD FROM 261 HAT: 0.70 NM. WAAS CHANNEL # 90512 REFERENCE PATH ID: W27A CHART: R-6714 A, B, C, D.											
SELAH	OPISE (FO)	114.52 / 21.02	5600												
MARRK (IAF)	OPISE (NOPT) (FB)	258.57 / 8.24	4700												
SUNED (IAF)	OPISE (NOPT) (FB)	305.56 / 13.64	4700												
OPISE (IF/IAF)	RACOB (FB)	274.27 / 7.92	3800												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E OPISE, LT, 274.27 INBOUND, 4700 FT. IN LIEU OF PT (IAF) 3. FAC: 274.14 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: OPISE 4700, RACOB 3800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3800 GS ALT AT: RACOB _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.2 34:1 IS CLEAR 8. MSA FROM: RW27 8200				MAG VAR: 16E 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		
	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	1329	2400	261	1329	2400	261	1329	2400	261	1329	2400	261			
CIRCLING	1640	1	541	1660	1	561	1700	1 3/4	601	1800	2 1/4	701			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART NOTE: CIRCLING NA SOUTH OF RWY 9/27. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SELAH VIA V468 NORTHBOUND AND V298 NORTHWEST SEE 8260-10															
CITY AND STATE				ELEVATION: 1099 TDZE: 1068		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:				SUP:			
YAKIMA, WA				AIRPORT NAME:				RNAV (GPS) Z RWY 27, ORIG				AMD'T: NONE			
				YAKIMA AIR TERMINAL/MCALLISTER FIELD				17 DEC 2009				DATED			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MARRK VIA V204 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SUNED VIA V4-298 SOUTHEAST BOUND.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.

CHART NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA.

CITY AND STATE

YAKIMA, WA

ELEVATION: 1099 TDZE: 1068

AIRPORT NAME:

YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Z RWY 27, ORIG

17 DEC 2009

SUP:

AMDT:

DATED:

QUALITY
NONE
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	KYKM
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	463355.5310N
LTP/FTP LONGITUDE	1203152.0795W
LTP/FTP ELLIPSOIDAL HEIGHT	+02985
FPAP LATITUDE	463421.1900N
FPAP LONGITUDE	1203334.3500W
THRESHOLD CROSSING HEIGHT (TCH)	00057.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.25
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

8D4F2D58

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+03197
FPAP ORTHOMETRIC HEIGHT	+03197

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
AIRPORT NAME:
YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Z RWY 27, ORIG
17 DEC 2009

SUP:
AMDT:
DATED:

QUALITY
NONE
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	KYKMK1FR27-Z	AMARRK	010MARRKK1EA0E	A	IF					18000		A	WS	
SUSAP	KYKMK1FR27-Z	AMARRK	020OPISEK1EA0EE		010TF		25860082	+	04700			A	WS	
SUSAP	KYKMK1FR27-Z	ASELAH	010SELAHK1EA0E		IF					18000		A	WS	
SUSAP	KYKMK1FR27-Z	ASELAH	020OPISEK1EA0EY	A	020TF		11450210	+	05600			A	WS	
SUSAP	KYKMK1FR27-Z	ASELAH	030OPISEK1EA0EB	CL	HF		27430050	+	04700			A	WS	
SUSAP	KYKMK1FR27-Z	ASUNED	010SUNEDK1EA0E	A	IF					18000		A	WS	
SUSAP	KYKMK1FR27-Z	ASUNED	020OPISEK1EA0EE		010TF		30560136	+	04700			A	WS	
SUSAP	KYKMK1FR27-Z	R	010OPISEK1EA0E	I	IF			+	04700	18000		A	WS	
SUSAP	KYKMK1FR27-Z	R	020RACOBK1EA1E	F	051TF		27430079	+	03800		RW27	K1PGA	WS	
SUSAP	KYKMK1FR27-Z	R	020RACOBK1EA2WALPV			N	N						WS	
SUSAP	KYKMK1FR27-Z	R	030RW27 K1PGOGY	M	031TF		27410083		01106		-300		A	WS
SUSAP	KYKMK1FR27-Z	R	040BOPSSK1EA0E	M	010DF								A	WS
SUSAP	KYKMK1FR27-Z	R	050GEBTEK1EA0EY		R010TFY		0054	+	06200				A	WS
SUSAP	KYKMK1FR27-Z	R	060GEBTEK1EA0EE		HL020HM		35500070	+	06200				A	WS

[illegible]

CITY AND STATE YAKIMA, WA	ELEVATION: 1099 TDZE: 1068 AIRPORT NAME: YAKIMA AIR TERMINAL/MCALLISTER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 27, ORIG 17 DEC 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.

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

	SUSAP KYKMK1PR27-Z RW27 001Z0000W27A0N4633555310W12031520795+029850300N4634211900W12033343500107250000000572F4005008D4F2D58												
	SUSAP KYKMK1PR27-Z RW27 002E +03197+03197LPV 90512 ~~000~~												

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

	SUSAP KYKMK1SRW27 K1PG 0 18018008225 M												

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
 AIRPORT NAME:
 YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 27, ORIG
 17 DEC 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
	MARRK	MARRK	010	IAF	IF		FB				
	MARRK	OPISE	020		TF		FB	1.0	258.6 (275T)	008.2	04700
	SELAH	SELAH	010		IF		FB				
	SELAH	OPISE	020	IAF	TF		FO	2.0	114.5 (131T)	021.0	05600
	SELAH	OPISE	030		HF	L	FO		274.3 (290T)	005.0	04700
	SUNED	SUNED	010	IAF	IF		FB				
	SUNED	OPISE	020		TF		FB	1.0	305.6 (322T)	013.6	04700
		OPISE	010	FACF	IF		FB				04700
		RACOB	020	FAF	TF		FB	0.5	274.3 (290T)	007.9	03800
		RW27	030	MAP	TF		FO	0.3	274.1 (290T)	008.3	01106

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOPSS	040		DF		FB	1.0			
	GEBTE	050		TF	R	FO	1.0	005.4 (021T)		06200
	GEBTE	060		HM	L	FO	2.0	355.0 (011T)	007.0	06200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOPSS	N463548.11	W1203921.77	N4635.802	W12039.363
	GEBTE	N465139.01	W1203017.18	N4651.650	W12030.286
	MARRK	N462742.77	W1195759.22	N4627.713	W11957.987
	OPISE	N462821.50	W1200952.18	N4628.358	W12009.870
	RACOB	N463105.52	W1202037.64	N4631.092	W12020.627
	SELAH	N464203.01	W1203259.48	N4642.050	W12032.991
	SUNED	N461741.55	W1195736.15	N4617.693	W11957.603
	RW27	N463355.53	W1203152.08	N4633.926	W12031.868

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01049	57

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
 AIRPORT NAME:
 YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 27, ORIG
 17 DEC 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: 3.57 MILES AFTER YKM VORTAC OR AT JAMDA/YKM 3.57 DME FIX CLIMB TO 2600 VIA YKM VORTAC R-251 THEN CLIMBING RIGHT TURN TO 4600 VIA YKM VORTAC R-277 TO YKM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4600. ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.00 INBOUND. CHART FAS OBST: 1279 TOWER 463328N/1202709W R-6714 A,B,C AND D CHART: MAX 10,000 AT YKM VORTAC											
SELAH/YKM 8.97 DME	YKM VORTAC	130.01 / 8.97	5500												
1. PT <u>R</u> SIDE OF COURSE <u>094.00</u> OUTBOUND <u>4500</u> FT WITHIN <u>10</u> MILES OF <u>YKM VORTAC</u> (IAF) 2. _____ 3. FAC <u>250.71</u> FAF <u>YKM VORTAC</u> DIST FAF TO MAP <u>3.57</u> THLD _____ 4. MIN. ALT <u>EMAME 3300, YKM VORTAC 2800</u> 8. MSA FROM: <u>YKM VORTAC 340-160 5400, 160-340 8000</u>					MAG VAR: 21E EPOCH YEAR: 1975										
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
CIRCLING	1840	1	741	1840	1 1/4	741	1840	2 1/4	741	1840	2 1/2	741			
NOTES: CHART NOTE: DME REQUIRED. @ CAT C 800-2 1/4, CAT D 800-2 1/2 CHART NOTE: CIRCLING NA SOUTH OF RWY 9-27. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.															
CITY AND STATE YAKIMA, WA		ELEVATION: 1099 TDZE:		FACILITY IDENTIFIER: YKM		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 7 17 DEC 2009				SUP					
		AIRPORT NAME:								AMDT NONE					
		YAKIMA AIR TERMINAL/MCALLISTER FIELD								DATE					

QUALITY
CHECKED

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		MAP: YKM 3.59 DME FIX								
SELAH/YKM 8.97 DME			YKM VORTAC			130.01 / 8.97			5500		CLIMB TO 2600 VIA YKM VORTAC R-244 THEN CLIMBING RIGHT TURN TO 4600 VIA YKM VORTAC R-276 TO YKM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4600 (TACAN AIRCRAFT, CONTINUE CLIMB TO 5000 VIA YKM VORTAC R-108 TO SUNED/YKM 26.03 DME AND HOLD W, RT, 108.24 INBOUND). ADDITIONAL FLIGHT DATA: HOLD E, LT, 288.00 INBOUND. CHART FAS OBST: 1279 TOWER 463328N/1202709W CHART YKM R-075 AT FITIM. CHART YKM R-338 AT CIDOG. CHART YKM R-221 AT WIKIK. CHART R-6714 A,B,C AND D CHART:(DMYXI) AT INTERSECTION OF SUNED DR LEG AND R-274 CHART: (DMYYD) AT INTERSECTION OF PAPPS DR LEG AND R-274 YKM VORTAC TO RW27: 3.40/57 CHART: MAX 10,000 AT YKM VORTAC								
WIKIK/YKM 13.00 DME CCW (IAF)			FAYCE/YKM 13.00 DME (NOPT)			13.00 DME ARC			5000										
CIDOG/YKM 13.00 DME CW (IAF)			FITIM/YKM 13.00 DME (NOPT)			13.00 DME ARC			6000										
FITIM/YKM 13.00 DME CW			FAYCE/YKM 13.00 DME			13.00 DME ARC			5000										
SUNED/YKM 26.03 DME (IAF)			FAYCE/YKM 13.00 DME (NOPT)			324.00 / 8.40 (HDG) & 274.00 / 6.79 (YKM R-094)			5100										
PAPPS/YKM 25.45 DME (IAF)			FAYCE/YKM 13.00 DME (NOPT)			229.00 / 4.35 (HDG) & 274.00 / 9.21 (YKM R-094)			5100										
SEE 8260-10																			
1. PT <u>R</u> SIDE OF COURSE <u>094.00</u> OUTBOUND <u>4400</u> FT WITHIN <u>10</u> MILES OF <u>YKM VORTAC</u> (IAF)																			
2.																			
3. FAC <u>244.42</u> FAF <u>YKM VORTAC</u> DIST FAF TO MAP <u> </u> THLD <u>3.59</u>																			
4. MIN. ALT <u>EMAME 3300, YKM VORTAC 2400</u>																			
8. MSA FROM: <u>YKM VORTAC 340-160 5400, 160-340 8000</u>										MAG VAR: 21E EPOCH YEAR:1975									
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			
S-27		2100	6000	1032	2100	1 1/2	1032	2100	3	1032	2100	3	1032						
CIRCLING		2100	1 1/4	1001	2100	1 1/2	1001	2100	3	1001	2100	3	1001						
NOTES:																			
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.																			
CHART NOTE: CIRCLING NA SOUTH OF RWY 9-27.																			
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.																			
@ CAT A, B 1100-2, CAT C, D 1100-3																			
CITY AND STATE		ELEVATION: 1099 TDZE: 1068			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP							
YAKIMA, WA		AIRPORT NAME:			YKM		VOR/DME OR TACAN RWY 27, AMDT 8					AMDT NONE							
		YAKIMA AIR TERMINAL/MCALLISTER FIELD					17 DEC 2009					DATE							

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.23

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FAYCE/YKM 13.00 DME (IF)	EMAME/YKM 4.00 DME	274.00 / 9.00 (YKM R-094)	3300
EMAME/YKM 4.00 DME	YKM VORTAC	274.00 / 4.00	2400

QUALITY
6
CHECKED

CITY AND STATE
YAKIMA, WA

ELEVATION: 1099 TDZE: 1068
 AIRPORT NAME:
 YAKIMA AIR TERMINAL/MCALLISTER FIELD

FACILITY
IDENTIFIER:
YKM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 VOR/DME OR TACAN RWY 27, AMDT 8
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30693 ; Amdt. No. 3345]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

The incorporation by reference of certain publications listed
in the regulations is approved by the Director of the Federal
Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL
REGISTER].

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

For Examination -

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

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

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

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to:

http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability - All SIAPs are available online free of charge.

Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

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

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

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420) Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

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

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

THE RULE

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

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

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

CONCLUSION

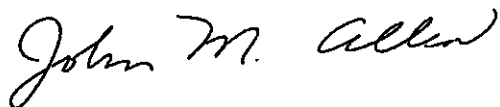
The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore- (1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on

OCT 16 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 amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

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

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
19-Nov-09	SD	HURON	HURON REGIONAL	9/2314	9/22/09	RNAV (GPS) RWY 30, AMDT 1
19-Nov-09	TX	LANCASTER	LANCASTER	9/2835	9/22/09	RNAV (GPS) RWY 31, ORIG-A
19-Nov-09	AL	HAMILTON	MARION COUNTY- RANKIN FITE	9/2958	10/3/09	RNAV (GPS) RWY 18, ORIG-A
17-Dec-09	WA	EVERETT	SNOHOMISH COUNTY (PAINE FLD)	9/3976	10/7/09	VOR/DME RWY 16R, ORIG
17-Dec-09	WA	EVERETT	SNOHOMISH COUNTY (PAINE FLD)	9/3977	10/7/09	VOR RWY 16R, ORIG

AIRAC Date: 19 Nov 2009

FDC 9/2314 HON FI/P HURON REGIONAL, HURON, SD. RNAV (GPS) RWY 30, AMDT 1...LPV DA 1559/HAT 273 ALL CATS. LNAV/VNAV DA 1721/HAT 435 ALL CATS. CIRCLING CATS A/B VISIBILITY 1. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MITCHELL MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 100 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MITCHELL MUNI ALTIMETER SETTING AND INCREASE ALL DA 89 FEET AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C/D, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE. DELETE NOTE: BARO-VNAV NA BELOW -18C (0F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2 F) OR ABOVE 46C (114F). DIST TO THLD FROM 273 HAT: .71NM DELETE VDP AT 1.3 MILES TO RWY 30 (ASTERISK) LNAV ONLY. DELETE NOTE: BARO-VNAV AND VDP NA WHEN USING MITCHELL MUNI ALTIMETER SETTING. CHART NOTE: BARO-VNAV NA WHEN USING MITCHELL MUNI ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 30, AMDT 1A.

FDC 9/2835 LNC FI/P LANCASTER, LANCASTER, TX. RNAV (GPS) RWY 31, ORIG-A...LNAV/VNAV DA 938/HAT 446 VIS 1 1/2 CATS A/B. CIRCLING VISIBILITY CATS A/B 1. THIS IS RNAV (GPS) RWY 31, ORIG-B.

FDC 9/2958 HAB FI/P MARION COUNTY-RANKIN FITE, HAMILTON, AL. RNAV (GPS) RWY 18, ORIG-A...LNAV: MDA 1140/HAT 704 ALL CATS, VISIBILITY CAT B 1, CAT C 2, CAT D 2 1/4. DELETE NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF. WHEN NOT RECEIVED, USE TUPELO ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE LNAV MDA AND CIRCLING CATS C, D VISIBILITY 1/4 MILE. CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF. WHEN NOT RECEIVED, USE TUPELO ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE LNAV MDA VISIBILITY CAT B 1/4 MILE, CAT C, D 1/2 MILE AND CIRCLING VISIBILITY CATS A, D 1/4 MILE, CAT C 1/2 MILE. THIS IS RNAV (GPS) RWY 18, ORIG-B.

AIRAC Date: 17 Dec 2009

FDC 9/3976 PAE FI/P SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. VOR/DME RWY 16R, ORIG...S-16R MDA 1060/HAT 490 ALL CATS. CHART VDP AT 1.55 DME. DISTANCE VDP TO THLD 1.39 NM. HEMVU TO RW16R: 2.96/56. DELETE CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-16R CAT D VISIBILITY TO RVR 6000. CHART TDZE 570. THIS IS VOR/DME RWY 16R, ORIG-A.

FDC 9/3977 PAE FI/P SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. VOR
RWY 16R, ORIG...S-16R MDA 1100/HAT 530 ALL CATS. VIS RVR 5000 CAT C,
RVR 6000 CAT D. CHART VDP AT 1.79 DME. DISTANCE VDP TO THLD 1.62
NM. CHART TDZE 570. THIS IS VOR RWY 16R, ORIG-A.