

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 15-24

October 9, 2015

**PREPARED BY THE AERONAUTICAL INFORMATION GROUP, AJV-53
(AVAILABLE ON THE WEB AT [HTTP://NFDC.FAA.GOV](http://NFDC.FAA.GOV))**

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

**The following is a corrected copy of a procedure previously published in TL 15-23 on
September 25, 2015.**

Orlando, FL, Orlando Sanford Intl, ILS OR LOC RWY 27R, Amdt 3B

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 4.79 MILES AFTER UTIMY INT/I-FNU 6.79 DME OR AT I-FNU 2.01 DME FIX					
SMYRA		VOFOS (FB)		186.97 / 8.26				2000		CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2800 ON HEADING 280 AND ORL VORTAC R-355 TO PAOLA INT/ORL 15.60 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO (SEE FORM 8260-10) ADDITIONAL FLIGHT DATA: HOLD S, LT, 355.17 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E PAOLA INT/ORL 15.60 DME, RT, 284.72 INBOUND. CHART FAS OBST: 91 TREE 284657N/0811230W CHART R-2934. CHART VDP AT 2.88 DME* DISTANCE VDP TO THLD 0.87 MILES. *LOC ONLY. CHART OMN R-170 AT UXFIM					
VOFOS (IAF)		UXFIM (NOPT) (FB)		191.20 / 5.15				1600							
GACNO (IAF)		UXFIM (NOPT) (FB)		357.31 / 6.62				1600							
UXFIM/I-FNU 13.22 DME (IF/IAF)		UTIMY INT/I-FNU 6.79 DME		274.90 / 6.43 (I-FNU)				1600							
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 15-23															
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 5W EPOCH YEAR: 2000					
2. HOLD E UXFIM, RT, 274.90 INBOUND, 1600 FT. IN LIEU OF PT (IAF)															
3. FAC: 274.90 FAF: UTIMY INT/I-FNU 6.79 DME DIST FAF TO MAP: 4.79 THLD: 4.79															
4. MIN. ALT: UXFIM 1600, UTIMY 1600, PESIY/I-FNU 3.41 DME 480*															
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1057															
6. MIN GS INCPT: 1600 GS ALT AT: UTIMY 1600 OM: - MM: - IM: -															
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR															
8. MSA FROM: ORL VORTAC 3000															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @					
CATEGORY ==>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27R	245	1/2	200	245	1/2	200	245	1/2	200	245	1/2	200			
S-LOC 27R	480	1/2	435	480	1/2	435	480	3/4	435	480	3/4	435			
CIRCLING	580	1	525	580	1	525	600	1 1/2	545	640	2	585			
PESIY FIX MINIMUMS															
S-LOC 27R	400	1/2	355	400	1/2	355	400	3/4	355	400	3/4	355			
CIRCLING	580	1	525	580	1	525	600	1 1/2	545	640	2	585			
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT, (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE: GPS OR RADAR REQUIRED. CHART PLANVIEW NOTE ADJACENT TO GACNO (IAF): GPS REQUIRED MAX 210 KIAS. CHART PLANVIEW NOTE ADJACENT TO SMYRA: GPS REQUIRED MAX 210 KIAS. (SEE FORM 8260-10)															
CITY AND STATE ORLANDO, FL		ELEVATION: 55 TDZE: 45 AIRPORT NAME: ORLANDO SANFORD INTL		FACILITY IDENTIFIER: I-FNU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 3B 10 DECEMBER 2015				SUP: AMDT: DATED		4 3 05/30/2013			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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

MISSED APPROACH INSTRUCTIONS, (CONT.):

2800 ON HEADING 280 AND SFB NDB BRG-285 TO PAOLA INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800 , HOLD. (ADF REQUIRED).

NOTES, (CONT.):

*540 WHEN USING EXECUTIVE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EXECUTIVE ALTIMETER SETTING AND INCREASE S-ILS 27R DA TO 288 AND ALL MDA 60 FEET; INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 27R CAT C/D VISIBILITY TO 1 MILE, PESIY FIX MINIMUMS INCREASE S-LOC 27R CATS C/D VISIBILITY TO 1 MILE. FOR INOPERATIVE MALSR WHEN USING EXECUTIVE ALTIMETER SETTING, INCREASE S-LOC 27R CATS C/D VISIBILITY TO 1 3/8 MILE AND INCREASE PESIY FIX MINIMUMS CATS C/D VISIBILITY TO 1 1/8 MILE AND CIRCLING CAT C TO 1 3/4 MILE.

CHART NOTE: VDP NA WHEN USING EXECUTIVE ALTIMETER SETTING.

CHART NOTE: NIGHT LANDING: RWY 27C NA .

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SMYRA ON V3-533 NORTHBOUND.

CITY AND STATE

ORLANDO, FL

ELEVATION: 55

TDZE: 45

AIRPORT NAME:

ORLANDO SANFORD INTL

FACILITY
IDENTIFIER:
I-FNU

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 27R, AMDT 3B
10 DECEMBER 2015

SUP:

AMDT: 3

DATED: 05/30/2013

QUALITY
4
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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

ARINC SUMMARY - KSFB

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GACNO	010	GACNO	FC	FB		357.3	PIE					AA 01600	AB 210	E A
GACNO	020	UXFIM	CF	FB		357.3	IFNU					AA 01600		EE B
SMYRA	010	SMYRA	IF	FB									AB 210	E
SMYRA	020	VOFOS	TF	FB								AA 02000		E A
SMYRA	030	VOFOS	FC	FB		191.2	PIE					AA 01600		E
SMYRA	040	UXFIM	CF	FB		191.2	IFNU					AA 01600		EE B
UXFIM	010	UXFIM	HF	FO		274.9	IFNU		R			AA 01600		EE A
	010	UXFIM	IF	FB			IFNU					AA 01600 GI 01600		E I
	020	UTIMY	CF	FB		275.0	IFNU	3.00		ORL		GI 01600 GS 01600		E F
	030	RW27R	CF	FO		275.0	IFNU	3.00				AT 00076		GY M
	040		CA	FB		274.9						AA 00500		M
	050		VI	FB		280.0								
	060	PAOLA	CF	FO		355.2	ORL					AA 02800		EY
	070	PAOLA	HM	FO		355.2			L			AA 02800		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ORL	N283233.81	W0812006.07
PIE	N275427.95	W0824103.51
IFNU (DME)	N284651.00	W0811534.79
PAOLA	N284808.90	W0812135.76
SMYRA	N290019.48	W0805934.51
GACNO	N284020.39	W0805931.44
UTIMY	N284654.83	W0810750.94
UXFIM	N284655.04	W0810031.89
VOFOS	N285203.04	W0805953.89
IFNU (LOC)	N284654.22	W0811534.58

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW27R	N284654.44	W0811317.80	00031	45

QUALITY
15
CHECKED

CITY AND STATE
ORLANDO, FL

ELEVATION: **55** TDZE: **45**
AIRPORT NAME:
ORLANDO SANFORD INTL

FACILITY
IDENTIFIER:
I-FNU

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 27R, AMDT 3B
10 DECEMBER 2015

SUP:
AMDT: **3**
DATED: **05/30/2013**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

ARINC SUMMARY - KSFB

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GACNO	010	GACNO	FC	FB		357.3	PIE					AA 01600	AB 210	E A
GACNO	020	UXFIM	CF	FB		357.3	IFNU					AA 01600		EE B
SMYRA	010	SMYRA	IF	FB									AB 210	E
SMYRA	020	VOFOS	TF	FB								AA 02000		E A
SMYRA	030	VOFOS	FC	FB		191.2	PIE					AA 01600		E
SMYRA	040	UXFIM	CF	FB		191.2	IFNU					AA 01600		EE B
UXFIM	010	UXFIM	HF	FO		274.9	IFNU		R			AA 01600		EE A
	010	UXFIM	IF	FB			IFNU					AA 01600		E I
	020	UTIMY	CF	FB		275.0	IFNU			ORL		AA 01600		E F
	021	PESIY	CF	FB		275.0	IFNU	3.01				AA 00480		E S
	030	RW27R	CF	FO		275.0	IFNU	3.01				AT 00076		GY M
	040		CA	FB		274.9						AA 00500		M
	050		VI	FB		280.0								
	060	PAOLA	CF	FO		355.2	ORL					AA 02800		EY
	070	PAOLA	HM	FO		355.2			L			AA 02800		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ORL	N283233.81	W0812006.07
PIE	N275427.95	W0824103.51
IFNU (DME)	N284651.00	W0811534.79
PAOLA	N284808.90	W0812135.76
SMYRA	N290019.48	W0805934.51
GACNO	N284020.39	W0805931.44
PESIY	N284654.58	W0811142.21
UTIMY	N284654.83	W0810750.94
UXFIM	N284655.04	W0810031.89
VOFOS	N285203.04	W0805953.89
IFNU (LOC)	N284654.22	W0811534.58

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW27R	N284654.44	W0811317.80	00031	45

QUALITY
15
CHECKED

CITY AND STATE ORLANDO, FL	ELEVATION: 55	TDZE: 45	FACILITY IDENTIFIER: I-FNU	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 3B	SUP:
	AIRPORT NAME: ORLANDO SANFORD INTL			10 DECEMBER 2015	AMDT: 3
					DATED: 05/30/2013

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. [31042](#); Amdt. No. [3665](#)]

**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 removes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures (ODPs) 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. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001.

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 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 the National Flight Data Center at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

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

SUPPLEMENTARY INFORMATION:

This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or removes SIAPS, Takeoff Minimums and/or ODPS. The complete regulatory 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, their complex nature, and the need for a special format make publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead 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, Takeoff Minimums and ODP listed on FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs, Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure, and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPS, Takeoff Minimums and/or ODPS as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as Amended 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 that 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 procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C 553(d), good cause exists for making some SIAPs effective in less than 30 days.

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on [OCTOBER 9, 2015](#)

A handwritten signature in black ink, appearing to read "John Duncan", with a long, sweeping horizontal line extending to the right.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or removing Standard Instrument Approach Procedures and/or Takeoff Minimums and Obstacle Departure 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:

Effective 12 NOVEMBER 2015

Auburn, IN, De Kalb County, VOR-A, Amdt 10
 North Adams, MA, Harriman-And-West, Takeoff Minimums and Obstacle DP, Orig
 Sidney, OH, Sidney Muni, RNAV (GPS) RWY 10, Amdt 1
 Sidney, OH, Sidney Muni, RNAV (GPS) RWY 28, Amdt 1
 Sidney, OH, Sidney Muni, VOR-A, Orig
 Sidney, OH, Sidney Muni, VOR OR GPS RWY 23, Amdt 12B, CANCELED

Effective 10 DECEMBER 2015

Bakersfield, CA, Meadows Field, ILS OR LOC RWY 30R, Amdt 31
 Bakersfield, CA, Meadows Field, RNAV (GPS) RWY 30R, Amdt 2
 Monterey, CA, Monterey Rgnl, GPS RWY 28R, Orig-A, CANCELED
 Monterey, CA, Monterey Rgnl, ILS OR LOC RWY 10R, Amdt 28
 Monterey, CA, Monterey Rgnl, RNAV (GPS) RWY 10L, Orig, CANCELED
 Monterey, CA, Monterey Rgnl, RNAV (GPS) RWY 10R, Amdt 1
 Monterey, CA, Monterey Rgnl, RNAV (GPS) Y RWY 10R, Orig, CANCELED
 Oakland, CA, Metropolitan Oakland Intl, ILS OR LOC/DME RWY 28R, Amdt 37
 Oakland, CA, Metropolitan Oakland Intl, RNAV (GPS) Y RWY 28R, Amdt 3
 Oakland, CA, Metropolitan Oakland Intl, RNAV (RNP) Z RWY 28R, Amdt 2
 Delta, CO, Blake Field, RNAV (GPS) RWY 3, Orig
 Delta, CO, Blake Field, Takeoff Minimums and Obstacle DP, Orig
 Dodge City, KS, Dodge City Rgnl, RNAV (GPS) RWY 14, Amdt 1A
 Dodge City, KS, Dodge City Rgnl, RNAV (GPS) RWY 32, Amdt 2
 Enid, OK, Enid Woodring Rgnl, RNAV (GPS) RWY 35, Amdt 1
 Enid, OK, Enid Woodring Rgnl, Takeoff Minimums and Obstacle DP, Amdt 4
 Enid, OK, Enid Woodring Rgnl, VOR RWY 35, Amdt 15
 Humboldt, TN, Humboldt Muni, RNAV (GPS) RWY 4, Orig
 Humboldt, TN, Humboldt Muni, RNAV (GPS) RWY 22, Orig
 Humboldt, TN, Humboldt Muni, Takeoff Minimums and Obstacle DP, Amdt 1
 Humboldt, TN, Humboldt Muni, VOR/DME-A, Amdt 5A, CANCELED
 Fort Worth, TX, Fort Worth Alliance, RNAV (GPS) RWY 16R, Orig
 Salt Lake City, UT, Salt Lake City Intl, ILS OR LOC RWY 17, ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II), Amdt 14
 Salt Lake City, UT, Salt Lake City Intl, RNAV (GPS) RWY 17, Amdt 2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO			COURSE AND DISTANCE			ALTITUDE		MAP: 5.00 MILES AFTER LAWNS INT/FWA 15.00 DME OR AT MABHA/FWA 20.00 DME FIX									
OLK VOR		LAWNS INT/FWA VORTAC 15.00 DME			098.05 / 18.21			2700		CLIMBING RIGHT TURN TO 2700 ON FWA VORTAC R-016 TO LAWNS INT/15.00 DME AND HOLD.									
FWA VORTAC (IF/IAF)		LAWNS INT/15.00 DME (NOPT)			016.00 / 15.00			2700											
										ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1023 TRMSN TWR 411637N/0850339W FAC CROSSES MID POINT OF RWY 9-27. CHART CIRCLING ICON									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 0E EPOCH YEAR:1965									
2. HOLD S LAWNS, RT, 016.00 INBOUND, 2700 FT. IN LIEU OF PT (IAF) _____																			
3. FAC 016.00 FAF LAWNS INT/15.00 DME _____ DIST FAF TO MAP 5.00 THLD _____																			
4. MIN. ALT LAWNS 2700, JUPAV/19.00 DME 1500*																			
8. MSA FROM: FWA VORTAC 2700																			
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A X														
CATEGORY =====>	A			B			C			D			E						
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
CIRCLING	1500	1	620	1560	1	680	1720	2 1/2	840	1720	2 3/4	840							
JUPAV FIX MINIMUMS (DME REQUIRED)																			
CIRCLING	1360	1	480	1560	1	680	1720	2 1/2	840	1720	2 3/4	840							
NOTES: *1560 WHEN USING FORT WAYNE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE ALL CAT C/D VISIBILITY 1/4 MILE.																			
CITY AND STATE AUBURN, IN		ELEVATION: 880 TDZE:		AIRPORT NAME:		FACILITY IDENTIFIER: FWA		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 10 12 NOVEMBER 2015				SUP VOR OR GPS-A AMDT DATE 07/29/2010							
				DE KALB COUNTY								QUALITY 4 CHECKED 9							

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
NORTH ADAMS, MA	HARRIMAN-AND-WEST	12 NOVEMBER 2015	ORIG

TAKEOFF MINIMUMS:

RWY 11, 1100-2 1/4 WITH MINIMUM CLIMB OF 558 FT PER NM TO 4200 OR STANDARD WITH MINIMUM CLIMB OF 830 FT PER NM TO 3600 OR 3500-3 FOR VCOA.

RWY 29, 900-3 WITH MINIMUM CLIMB OF 660 FT PER NM TO 3800 OR STANDARD WITH MINIMUM CLIMB OF 843 FT PER NM TO 3500 OR 3500-3 FOR VOCA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 11 – CLIMB HEADING 110.56 TO 4000 BEFORE PROCEEDING ON COURSE.

RWY 29 – CLIMB HEADING 290.57 TO 3800 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 11, 29: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS HARRIMAN-AND-WEST AIRPORT AT OR ABOVE 4000 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE RWY 11: BUILDING 3 FT FROM DER, 420 FT LEFT OF CENTERLINE, 15 FT AGL/664 FT MSL.
POLE AND TREES BEGINNING 33 FT FROM DER, 360 FT RIGHT OF CENTERLINE, UP TO 22 FT AGL/692 FT MSL. VEHICLES ON ROAD 49 FT FROM DER, CROSSING CENTERLINE, 15 FT AGL/661 FT MSL.
MULTIPLE TREES AND BUILDING CONTINUING FROM 149 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 85 FT AGL/730 FT MSL.
MULTIPLE TREES, POLES AND BUILDINGS CONTINUING FROM 198 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 57 FT AGL/746 FT MSL.
TREES AND POLES CONTINUING FROM 546 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 71 FT AGL/760 FT MSL.
MULTIPLE TREES AND BUILDINGS CONTINUING FROM 607 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 79 FT AGL/768 FT MSL.
MULTIPLE TREES AND POLES CONTINUING FROM 794 FT FROM DER, FROM 708 FT RIGHT AND ACROSS CENTERLINE, UP TO 92 FT AGL/781 FT MSL.
MULTIPLE TREES AND BUILDING ON RISING HILLSIDE CONTINUING FROM 1459 FT FROM DER FROM 843 FT RIGHT AND ACROSS CENTERLINE, UP TO 64 FT AGL/793 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1625 FT FROM DER, FROM 880 FT RIGHT AND ACROSS CENTERLINE, UP TO 79 FT AGL/827 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 2010 FT FROM DER, FROM 1009 FT RIGHT AND ACROSS CENTERLINE, UP TO 107 FT AGL/856 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 2510 FT FROM DER, FROM 1169 FT RIGHT AND CROSSING CENTERLINE, UP TO 93 FT AGL/882 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 3537 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/907 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 4322 FT FROM DER, 205 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/955 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 4809 FT FROM DER, 603 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/971 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 4842 FT FROM DER, 292 FT RIGHT OF CENTERLINE, UP TO 89 FT AGL/995 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 4975 FT FROM DER, 330 FT RIGHT OF CENTERLINE, UP TO 74 FT AGL/1000 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5081 FT FROM DER, 408 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/1009 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5178 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/1024 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5315 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1065 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5443 FT FROM DER, 270 FT RIGHT OF CENTERLINE, UP TO 108 FT AGL/1112 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5610 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/1129 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5767 FT FROM DER, CROSSING CENTERLINE, UP TO 80 FT AGL/1163 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 5889 FT FROM DER, CROSSING CENTERLINE, UP TO 105 FT AGL/1188 FT MSL.
TREES NEAR HILLTOP CONTINUING FROM 1 NM FROM DER, CROSSING CENTERLINE, UP TO 90 FT AGL/1232 FT MSL.
TREES NEAR HILLTOP CONTINUING FROM 1.1 NM FROM DER, CROSSING CENTERLINE, UP TO 86 FT AGL/1287 FT MSL.
TREES ON RISING HILLSIDE AND ALONG HILLTOP CONTINUING FROM 1.2 NM FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1306 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.2 NM FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/1294 FT MSL.
TREES ON HILLTOP 1.9 NM FROM DER, 3504 FT RIGHT OF CENTERLINE, UP TO 111 FT AGL/1705 FT MSL.
TRMSN TWR AND TRMSN LINE 2 NM FROM DER, CROSSING CENTERLINE, 50 FT AGL/1527 FT MSL.

NOTE RWY 29: POLE 9 FT FROM DER, 49 FT RIGHT OF CENTERLINE, 4 FT AGL/653 FT MSL.
TREES BEGINNING 60 FT FROM DER, 314 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/707 FT MSL.
TREES CONTINUING FROM 143 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 75 FT AGL/745 FT MSL.
TREES CONTINUING FROM 427 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 96 FT AGL/765 FT MSL.
MULTIPLE BLDGS 827 FT FROM DER, 501 FT LEFT OF CENTERLINE, UP TO 28 FT AGL/717 FT MSL.
TREES AND BUILDINGS CONTINUING FROM 1061 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/782 FT MSL.
TREES AND BUILDINGS CONTINUING FROM 1487 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/726 FT MSL.
TREES AND BUILDINGS CONTINUING FROM 1667 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/828 FT MSL.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
NORTH ADAMS, MA	HARRIMAN-AND-WEST	12 NOVEMBER 2015	ORIG

TREES CONTINUING FROM 1975 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/865 FT MSL.
MULTIPLE TREES, BLDGS, AND VEHICLES, CONTINUING FROM 2172 FT FROM DER, UP TO 99 FT AGL/886 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 80 FT AGL/966 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.4 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 93 FT AGL/1038 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.5 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 99 FT AGL/1043 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.6 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 112 FT AGL/1116 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 1.6 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 74 FT AGL/1197 FT MSL.
TREES ON HILLTOP CONTINUING FROM 1.7 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 119 FT AGL/1215 FT MSL.
TREES ON RISING HILLSIDE CONTINUING FROM 2.3 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 75 FT AGL/1295 FT MSL.
TREES ON RISING HILLSIDE TO HILLTOP CONTINUING FROM 2.4 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 51 FT AGL/1479 FT MSL.

CONTROLLING OBSTACLES:

RWY 11: 827 FT MSL TREE 424133.61N-0730925.11W (830 FT PER NM CLIMB GRADIENT), 1705 FT MSL TREE 424056.66N-0730717.33W (CEILING, VISIBILITY), 3168 FT MSL WINDMILL 424243.00N-0730117.91W (558 FT PER NM CLIMB GRADIENT, 4200 MSL CLIMB-TO ALTITUDE)

RWY 29: 886 FT MSL TREE 424141.96N-0731112.97W (843 FT PER NM CLIMB GRADIENT, CEILING), 871 FT MSL TREE 424142.40N-0731116.76W (VISIBILITY), 3019 FT MSL AAO 424131.58N-0731708.88W (660 FT PER NM CLIMB GRADIENT, 3800 MSL CLIMB-TO ALTITUDE)

RWY 11, 29 (VCOA): 3688 FT MSL TOWER 423814.00N-0731005.00W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 11 – 3688 FT MSL TOWER 423814.00N-0731005.00W, 3188 FT MSL WINDMILL 424254.70N-0730124.99W

RWY 29 - 3688 FT MSL TOWER 423814.00N-0731005.00W, 2322 FT MSL TREE 424316.11N-0730959.31W



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
NORTH ADAMS, MA	HARRIMAN-AND-WEST	12 NOVEMBER 2015	ORIG

REMARKS:

FLIGHT INSPECTED BY:

BOB S PRESSLER *Digitally signed by* FICO 09/02/2015
JULIE A MORGAN

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

Sep 09, 2015

JON DENTON AJV-5433 *Digitally signed by* **JON DENTON** 06/02/2015
Jul 31, 2015

APPROVED BY:

Digitally signed by
JULIE A MORGAN
ADOLPHO URRUTIA Sep 09, 2015 AJV-541

COORDINATED WITH:

ZBW, ALB APP CON, AMGR, ALPA, AOPA, NBAA

CHANGES:

REASONS:



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		LPV: DA LNAV/VNAV: DA LNAV: RW10 CLIMB TO 3000 DIRECT NYIIM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 279.35 INBOUND. CHART FAS OBST: 1259 TOWER 401436N/0841220W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.38 MILES TO RW10* *LNAV ONLY. WAAS CHANNEL # 77934 REFERENCE PATH ID: W10A CHART CIRCLING ICON LTP HAE: 283.9 M						
ROD VORTAC		ZIDNI (FO)			267.68 / 15.30			3000								
DQN VOR/DME		ZIDNI (FO)			009.30 / 14.33			3000								
ROSSY (IAF)		ZIDNI (NOPT) (FB)			099.51 / 10.51			3000								
ZIDNI (IF/IAF)		OSLEJ (FB)			099.06 / 5.00			2700								
OSLEJ (FAF)		RW10 (MAP) (FO)			099.13 / 5.09											
RW10 (MAP)		1293 MSL			099.13			3000								
1293 MSL		NYIIM (FO)														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W ZIDNI, RT, 099.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>099.13</u> FAF: <u>OSLEJ</u> DIST FAF TO MAP: <u>5.09</u> THLD: <u>5.09</u> 4. MIN. ALT: ZIDNI 3000, OSLEJ 2700 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>2700</u> GS ALT AT: <u>OSLEJ 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW10 3000										MAG VAR: 5W EPOCH YEAR: 1995						
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A X									
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1308	1	265	1308	1	265	1308	1	265	1308	1	265				
LNAV/VNAV DA	1293	1	250	1293	1	250	1293	1	250	1293	1	250				
LNAV MDA	1520	1	477	1520	1	477	1520	1 3/8	477	1520	1 3/8	477				
CIRCLING	1520	1	476	1520	1	476	1640	1 1/2	596	1640	2	596				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. (SEE FORM 8260-10)																
CITY AND STATE				ELEVATION: 1044 TDZE: 1043			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
SIDNEY, OH				AIRPORT NAME:			RNAV			RNAV (GPS) RWY 10, AMDT 1			AMDT: ORIG			
				SIDNEY MUNI						12 NOVEMBER 2015			DATED 02/06/2014			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ROD VORTAC AIRWAY RADIALS 207 CW 314, AND ON DQN VOR/DME AIRWAY RADIALS 287 CW 085.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JAMES M. COX DAYTON INTL ALTIMETER SETTING.

CHART NOTE: NIGHT LANDING: RWY 28 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M. COX DAYTON INTL ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY 1/8 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.



CITY AND STATE SIDNEY, OH	ELEVATION: 1044 TDZE: 1043 AIRPORT NAME: SIDNEY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 12 NOVEMBER 2015	SUP:
				AMDT: ORIG
				DATED: 02/06/2014

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSCA
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	401433.7200N
LTP/FTP LONGITUDE	0840916.1055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02839
FPAP LATITUDE	401427.1770N
FPAP LONGITUDE	0840720.0655W
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
 <u>CRC REMAINDER</u>	 9321487B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03170
FPAP ORTHOMETRIC HEIGHT	+03170

QUALITY
16
CHECKED

CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1043 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 12 NOVEMBER 2015	SUP:
				AMDT: ORIG
				DATED: 02/06/2014

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

QUALITY
3 16
CHECKED

FAA FORM 8260 - 10 / April 2006 (Computer Generated) Page 4 of 6 Pages

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

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

PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KSCAK5PR10 RW10 001 0000W10A0N4014337200W08409161055+028390300N4014271770W08407200655106751224000400F4005009321487B
SUSAP KSCAK5PR10 RW10 002E +03170+03170LPV 77934

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

SUSAP KSCAK5SRW10 K5PG 0 18018003025 M



CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1043 RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 12 NOVEMBER 2015	SUP:
				AMDT: ORIG
				DATED: 02/06/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - FAR PART 97.33								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DQN	DQN	010		IF		FB					
	DQN	ZIDNI	020		TF		FO	2.0	009.3 (004.3T)	014.3	AA 03000	
	DQN	ZIDNI	030	IAF	HF	R	FO		099.1 (094.1T)	004.0	AA 03000	
	ROD	ROD	010		IF		FB					
	ROD	ZIDNI	020		TF		FO	2.0	267.7 (262.7T)	015.3	AA 03000	
	ROD	ZIDNI	030	IAF	HF	R	FO		099.1 (094.1T)	004.0	AA 03000	
	ROSSY	ROSSY	010	IAF	IF		FB					
	ROSSY	ZIDNI	020		TF		FB	1.0	099.5 (094.5T)	010.5	AA 03000	
		ZIDNI	010	FACF	IF		FB				AA 03000	
		OSLEJ	020	FAF	TF		FB	0.5	099.1 (094.1T)	005.0	AA 02700	
		RW10	030	MAP	TF		FO	0.3	099.1 (094.1T)	005.1	AT 01080	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		099.1 (094.1T)		AA 01293	
		NYIIM	050		DF		FO				AA 03000	
		NYIIM	060		HM	R	FO		279.4 (274.4T)	004.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		DQN	N400059.20		W0842348.83		N4000.987		W08423.814			
		ROD	N401716.08		W0840235.15		N4017.268		W08402.586			
		NYIIM	N401344.90		W0835504.12		N4013.748		W08355.069			
		OSLEJ	N401455.89		W0841553.66		N4014.932		W08415.894			
		ROSSY	N401607.77		W0843606.14		N4016.130		W08436.102			
		ZIDNI	N401517.33		W0842224.69		N4015.289		W08422.412			
		RW10	N401433.72		W0840916.11		N4014.562		W08409.269			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW10	01040		40							



CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1043	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 12 NOVEMBER 2015	SUP: AMDT: ORIG DATED: 02/06/2014

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW28							
ROD VORTAC		NYIIM (FO)		126.39 / 6.74			3000		CLIMB TO 3000 DIRECT ZIDNI AND HOLD.							
BONEE		WAGIH (FB)		044.39 / 6.98			3000									
WAGIH (IAF)		NYIIM (NOPT) (FB)		335.04 / 6.00			3000									
NYIIM (IF/IAF)		ETTAF (FB)		279.35 / 4.98			2700									
ETTAF (FAF)		ZIRIT/1.80 NM TO RW28 (FB)		279.28 / 3.30												
ZIRIT/1.80 NM TO RW28		RW28 (MAP) (FO)		279.28 / 1.80					ADDITIONAL FLIGHT DATA: HOLD W, RT, 099.06 INBOUND. CHART FAS OBST: 1168 TREE 401411N/0840613W CHART: 1187 TRMSN TWR 401423N/0840528W 1319 AAO 401353N/0840226W DISTANCE TO THLD FROM 258 HAT: 0.70 NM. WAAS CHANNEL # 82234 REFERENCE PATH ID: W28A CHART CIRCLING ICON. LTP HAE: 284.3 M							
(SEE FORM 8260-10)																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2. HOLD E NYIIM, RT, 279.35 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																
3. FAC: 279.28 FAF: ETTAF DIST FAF TO MAP: 5.10 THLD: 5.10																
4. MIN. ALT: NYIIM 3000, ETTAF 2700, ZIRIT/1.80 NM TO RW28 1640*																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 2700 GS ALT AT: ETTAF 2700 OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 35.6 34:1 IS NOT CLEAR																
8. MSA FROM: RW28 3000																
MAG VAR: 5W EPOCH YEAR: 1995																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X							
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1302	1	258	1302	1	258	1302	1	258		NA					
LNAV/VNAV DA	1312	1	268	1312	1	268	1312	1	268		NA					
LNAV MDA	1420	1	376	1420	1	376	1420	1	376		NA					
CIRCLING	1460	1	416	1520	1	476	1640	1 1/2	596		NA					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BONEE ON V12 WESTBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ROD VORTAC AIRWAY RADIALS 046 CW 207. *LNAV ONLY (SEE FORM 8260-10)																
CITY AND STATE SIDNEY, OH		ELEVATION: 1044 TDZE: 1044 AIRPORT NAME: SIDNEY MUNI			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 12 NOVEMBER 2015					SUP: AMDT: ORIG DATED 02/06/2014				

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW28 (MAP)	1302 MSL	279.28	
1302 MSL	ZIDNI (FO)		3000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M COX DAYTON INTL ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

CHART NOTE: NIGHT LANDING: RWY 28 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

CHART NOTE: BARO-VNAV NA WHEN USING JAMES M. COX DAYTON INTL ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F).



CITY AND STATE

SIDNEY, OH

ELEVATION: 1044

TDZE: 1044

AIRPORT NAME:

SIDNEY MUNI

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, AMDT 1

12 NOVEMBER 2015

SUP:

AMDT:

ORIG

DATED:

02/06/2014

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSCA
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	401430.0840N
LTP/FTP LONGITUDE	0840811.6345W
LTP/FTP ELLIPSOIDAL HEIGHT	+02843
FPAP LATITUDE	401436.6145N
FPAP LONGITUDE	0841007.6775W
THRESHOLD CROSSING HEIGHT (TCH)	00035.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 71CBEEA0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03174
FPAP ORTHOMETRIC HEIGHT	+03174

QUALITY
16
CHECKED

CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1044 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 12 NOVEMBER 2015	SUP:
				AMDT: ORIG
				DATED: 02/06/2014

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSCAK5FR28	ABONEE	010BONEEK5EA0E		IF					18000		A	JS
SUSAP	KSCAK5FR28	ABONEE	020WAGIHK5EA0E	A	020TF		04440070	+	03000			A	JS
SUSAP	KSCAK5FR28	ABONEE	030NYIIMK5EA0EE	B	010TF		33500060	+	03000			A	JS
SUSAP	KSCAK5FR28	AROD	010ROD K5D 0V		IF					18000		A	JS
SUSAP	KSCAK5FR28	AROD	020NYIIMK5EA0EY		020TF		12640067	+	03000			A	JS
SUSAP	KSCAK5FR28	AROD	030NYIIMK5EA0EE	AR	HF		27940040	+	03000			A	JS
SUSAP	KSCAK5FR28	R	010NYIIMK5EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KSCAK5FR28	R	020ETTAFK5EA1E	F	051TF		27940050	+	02700		RW28	K5PGA	JS
SUSAP	KSCAK5FR28	R	020ETTAFK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KSCAK5FR28	R	021ZIRITK5EA0E	S	031TF		27930033	V	0164001650		-300		A
SUSAP	KSCAK5FR28	R	030RW28 K5PGOGY	M	031TF		27930018		01077		-300		A
SUSAP	KSCAK5FR28	R	040		0 M	CA	2793	+	01302				A
SUSAP	KSCAK5FR28	R	050ZIDNIK5EA0EY		DF			+	03000				A
SUSAP	KSCAK5FR28	R	060ZIDNIK5EA0EE	R	HM		09910040	+	03000				A

[illegible]

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

FAA FORM 8260 - 10 / April 2006 (Computer Generated) Page 4 of 6 Pages

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

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

PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KSCAK5PR28 RW28 001 0000W28A0N4014300840W08408116345+028430300N4014366145W08410076775106751224000356F40050071CBEEA0
SUSAP KSCAK5PR28 RW28 002E +03174+03174LPV 82234

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

SUSAP KSCAK5SRW28 K5PG 0 18018003025 M

QUALITY
16
CHECKED

CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1044 RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 12 NOVEMBER 2015	SUP:
				AMDT: ORIG
				DATED: 02/06/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - FAR PART 97.33								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BONEE	BONEE	010		IF		FB					
	BONEE	WAGIH	020	IAF	TF		FB	2.0	044.4 (039.4T)	007.0	AA 03000	
	BONEE	NYIIM	030		TF		FB	1.0	335.0 (330.0T)	006.0	AA 03000	
	ROD	ROD	010		IF		FB					
	ROD	NYIIM	020		TF		FO	2.0	126.4 (121.4T)	006.7	AA 03000	
	ROD	NYIIM	030	IAF	HF	R	FO		279.4 (274.4T)	004.0	AA 03000	
		NYIIM	010	FACF	IF		FB				AA 03000	
		ETTAF	020	FAF	TF		FB	0.5	279.4 (274.4T)	005.0	AA 02700	
		ZIRIT	021	SDF	TF		FB	0.3	279.3 (274.3T)	003.3	AA 01640	GS 01650
		RW28	030	MAP	TF		FO	0.3	279.3 (274.3T)	001.8	AT 01077	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		279.3 (274.3T)		AA 01302	
		ZIDNI	050		DF		FO				AA 03000	
		ZIDNI	060		HM	R	FO		099.1 (094.1T)	004.0	AA 03000	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		ROD	N401716.08		W0840235.15		N4017.268		W08402.586			
		BONEE	N400308.85		W0835656.15		N4003.148		W08356.936			
		ETTAF	N401407.43		W0840133.44		N4014.124		W08401.557			
		NYIIM	N401344.90		W0835504.12		N4013.748		W08355.069			
		WAGIH	N400832.83		W0835109.40		N4008.547		W08351.157			
		ZIDNI	N401517.33		W0842224.69		N4015.289		W08422.412			
		ZIRIT	N401422.12		W0840550.99		N4014.369		W08405.850			
		RW28	N401430.08		W0840811.63		N4014.501		W08408.194			
RUNWAY DATA		RWY	THRESHOLD ELEVATION		TCH							
		RW28	01041		36							



CITY AND STATE SIDNEY, OH	ELEVATION: 1044 AIRPORT NAME: SIDNEY MUNI	TDZE: 1044	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 12 NOVEMBER 2015	SUP: AMDT: ORIG DATED: 02/06/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: 5.10 MILES AFTER ROD VORTAC OR AT WIGUP/ROD 5.10 DME FIX									
												CLIMB TO 3000 THEN LEFT TURN DIRECT ROD VORTAC AND HOLD.									
												ADDITIONAL FLIGHT DATA: HOLD NE, RT, 244.96 INBOUND. FAS OBST: 1279 AAO 401606N/0840254W CHART CIRCLING ICON FAC CROSSES MID POINT OF RWY 10-28.									
1. PT <u>L</u> SIDE OF COURSE <u>064.96</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>ROD VORTAC</u> (IAF)																					
2.																					
3. FAC <u>244.96</u> FAF <u>ROD VORTAC</u> DIST FAF TO MAP <u>5.10</u> THLD																					
4. MIN. ALT <u>ROD VORTAC 3000</u>																					
8. MSA FROM: <u>ROD VORTAC 3000</u>										MAG VAR: 5W EPOCH YEAR: 1995											
MINIMUMS																					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N		A		X							
CATEGORY =====>		A			B			C			D			E							
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
CIRCLING		1540	1	496	1540	1	496	1640	1 1/2	596	1640	2	596								
NOTES:																					
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JAMES M. COX DAYTON INTL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FT AND INCREASE CAT C VISIBILITY 1/4 MILE.																					
CHART NOTE: NIGHT LANDING: RWY 28 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.																					
(SEE FORM 8260-10)																					
CITY AND STATE SIDNEY, OH				ELEVATION: 1044 TDZE: AIRPORT NAME: SIDNEY MUNI				FACILITY IDENTIFIER: ROD				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, ORIG 12 NOVEMBER 2015				SUP AMDT NONE DATE					



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

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

NOTES, (CONT.):**CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.****CHART PLANVIEW NOTE: NO PT FOR ARRIVALS ON ROD VORTAC AIRWAY RADIALS 314 CW 088.**

CITY AND STATE

SIDNEY, OH

ELEVATION: 1044

TDZE:

AIRPORT NAME:

SIDNEY MUNI

FACILITY
IDENTIFIER:

ROD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR-A, ORIG

12 NOVEMBER 2015

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE									
										ADDITIONAL FLIGHT DATA:									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																			
2. _____																			
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: _____										MAG VAR: _____ EPOCH YEAR: _____									
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A _____									
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
NOTES:																			
PROCEDURE CANCELED EFFECTIVE 12 NOVEMBER 2015																			
CITY AND STATE SIDNEY, OH		ELEVATION: 1044 TDZE: 1041 AIRPORT NAME: SIDNEY MUNI				FACILITY IDENTIFIER: ROD		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: VOR OR GPS RWY 23, AMDT 12B, 08/25/2011				SUP AMD'T 12A DATE 06/08/2006							

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES																	MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: I-BFL 1.39 DME FIX												
EHF VORTAC				JUPEX/I-BFL 7.57 DME				125.35 / 9.95				3100		CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 ON EHF VORTAC R-145 DIRECT EHF VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 ON TTE VOR/DME R-172 DIRECT IVECU INT/TTE 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.												
GMN VORTAC (IAF)				LEBEC INT/GMN 13.61 DME (NOPT)				344.00 / 13.61				9000														
LEBEC INT/GMN 13.61 DME				FASTO INT/I-BFL 14.82 DME				344.00 / 14.44 (GMN R-344)				4500														
AMONT/I-BFL 22.26 DME (IAF)				FASTO INT/I-BFL 14.82 DME (NOPT)				301.32 / 7.43 (I-BFL)				4500														
FASTO INT/I-BFL 14.82 DME (IF)				JUPEX/I-BFL 7.57 DME				301.32 / 7.26 (I-BFL)				2500		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 143.64 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N IVECU INT/TTE 15.00 DME, RT, 172.30 INBOUND. FAS OBST: 680 AAO 352329N/1185924W CHART: 687 TOWER 352107N/1185737W CHART VDP AT 2.63 DME* DISTANCE VDP TO THLD 1.24 MILES. *LOC ONLY. CHART IN PLANVIEW: IVECU INT/TTE 15.00 DME. CHART CIRCLING ICON.												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																										
2. HOLD SE JUPEX, LT, 301.32 INBOUND, 2500 FT. IN LIEU OF PT (IAF)																										
3. FAC: 301.32 FAF: JUPEX/I-BFL 7.57 DME DIST FAF TO MAP: _____ THLD: 6.18																										
4. MIN. ALT: JUPEX 2500																										
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 923																										
6. MIN GS INCPT: 2500 GS ALT AT: JUPEX 2500 OM: _____ MM: _____ IM: _____																										
7. GS ANGLE: 3.00 TCH: 50.7																										
8. MSA FROM: EHF VORTAC 360-150 8800, 150-360 3700																										
MAG VAR: 14E EPOCH YEAR: 1985																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @													
CATEGORY =====>		A			B			C			D			E												
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA											
S-ILS 30R	698	1800	205	698	1800	205	698	1800	205	698	1800	205														
S-LOC 30R	940	2400	447	940	2400	447	940	4500	447	940	4500	447														
CIRCLING	960	1	450	960	1	450	960	1 1/2	450	1060	2	550														
NOTES: CHART NOTE: CIRCLING NA NE OF RWY 12L-30R. CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMONT ON V459 SOUTHEAST BOUND AND ARRIVALS AT GMN VORTAC ON V137 SOUTHEAST BOUND. (CONTINUED ON PAGE 2)																										
CITY AND STATE BAKERSFIELD, CA				ELEVATION: 510 TDZE: 493 AIRPORT NAME: MEADOWS FIELD				FACILITY IDENTIFIER: I-BFL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 30R, AMDT 31 10 DECEMBER 2015				SUP: ILS OR LOC/DME RWY 30R AMDT: 30 DATED 07/29/2010												

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

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

NOTES, (CONT.):
CHART PROFILE NOTE: USE I-BFL DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: VDP NA WITH PORTERVILLE ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTERVILLE ALTIMETER SETTING: INCREASE DA TO 790 AND ALL VISIBILITIES TO RVR 2200; INCREASE ALL MDA 100 FEET AND VISIBILITY CATS C AND D TO RVR 6000.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC-30R CAT A AND B VISIBILITY TO RVR 5500.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PORTERVILLE ALTIMETER SETTING, INCREASE S-ILS 30R ALL CATS VISIBILITY TO RVR 5000.



CITY AND STATE BAKERSFIELD, CA	ELEVATION: 510 TDZE: 493 AIRPORT NAME: MEADOWS FIELD	FACILITY IDENTIFIER: I-BFL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 30R, AMDT 31 10 DECEMBER 2015	SUP: ILS OR LOC/DME RWY 30R
				AMDT: 30
				DATED: 07/29/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION ILS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29												Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
ARINC SUMMARY - KBFL														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AMONT	010	AMONT	IF	FB										E A
AMONT	020	FASTO	CF	FB		301.3	IBFL					AA 04500		EE B
EHF	010	EHF	IF	FB										V
EHF	020	JUPEX	TF	FO								AA 03100		EY
EHF	030	JUPEX	HF	FO		301.3	EHF		L			AA 02500		EE A
GMN	010	GMN	IF	FB										V A
GMN	020	LEBEC	TF	FB								AA 09000		E
GMN	030	LEBEC	FC	FB		344.0	GMN					AA 04500		E
GMN	040	FASTO	CF	FB		344.0	IBFL					AA 04500		EE B
	010	FASTO	IF	FB			IBFL					AA 04500 GI 02500		E I
	020	JUPEX	CF	FB		301.0	IBFL	3.00		EHF		GI 02500 GS 02500		E F
	030	RW30R	CF	FO		301.0	IBFL	3.00				AT 00533		GY M
	040		CA	FB		301.3						AA 01000		M
	050	EHF	CF	FO		325.0	EHF					AA 03000		VY
	060	EHF	HM	FO		143.6			R			AA 03000		VE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
EHF			N352904.40			W1190550.27								
GMN			N344814.50			W1185140.90								
IBFL (DME)			N352656.00			W1190422.83								
AMONT			N351101.72			W1184519.37								
LEBEC			N350152.18			W1185140.95								
FASTO			N351619.98			W1185141.21								
JUPEX			N352130.47			W1185754.76								
IBFL (LOC)			N352653.92			W1190425.16								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE				THRESHOLD LONGITUDE				THRESHOLD ELEVATION			PROCEDURE TCH	
RW30R		N352554.58				W1190313.44				00482			50.7	

QUALITY
15
CHECKED

CITY AND STATE BAKERSFIELD, CA	ELEVATION: 510 TDZE: 493 AIRPORT NAME: MEADOWS FIELD	FACILITY IDENTIFIER: I-BFL	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 30R, AMDT 31 10 DECEMBER 2015	SUP: ILS OR LOC/DME RWY 30R AMDT: 30 DATED: 07/29/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25												Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
ARINC SUMMARY - KBFL														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AMONT	010	AMONT	IF	FB										E A
AMONT	020	FASTO	CF	FB		301.3	IBFL					AA 04500		EE B
EHF	010	EHF	IF	FB										V
EHF	020	JUPEX	TF	FO								AA 03100		EY
EHF	030	JUPEX	HF	FO		301.3	EHF		L			AA 02500		EE A
GMN	010	GMN	IF	FB										V A
GMN	020	LEBEC	TF	FB								AA 09000		E
GMN	030	LEBEC	FC	FB		344.0	GMN					AA 04500		E
GMN	040	FASTO	CF	FB		344.0	IBFL					AA 04500		EE B
	010	FASTO	IF	FB			IBFL					AA 04500		E I
	020	JUPEX	CF	FB		301.0	IBFL			EHF		AA 02500		E F
	030	RW30R	CF	FO		301.0	IBFL	3.01				AT 00533		GY M
	040		CA	FB		301.3						AA 01000		M
	050	EHF	CF	FO		325.0	EHF					AA 03000		VY
	060	EHF	HM	FO		143.6			R			AA 03000		VE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
EHF			N352904.40			W1190550.27								
GMN			N344814.50			W1185140.90								
IBFL (DME)			N352656.00			W1190422.83								
AMONT			N351101.72			W1184519.37								
LEBEC			N350152.18			W1185140.95								
FASTO			N351619.98			W1185141.21								
JUPEX			N352130.47			W1185754.76								
IBFL (LOC)			N352653.92			W1190425.16								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE				THRESHOLD LONGITUDE				THRESHOLD ELEVATION			PROCEDURE TCH	
RW30R		N352554.58				W1190313.44				00482			50.7	

QUALITY
15
CHECKED

CITY AND STATE BAKERSFIELD, CA	ELEVATION: 510 TDZE: 493 AIRPORT NAME: MEADOWS FIELD	FACILITY IDENTIFIER: I-BFL	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 30R, AMDT 31 10 DECEMBER 2015	SUP: ILS OR LOC/DME RWY 30R AMDT: 30 DATED: 07/29/2010

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		LPV: DA LNAV/VNAV: DA LNAV: RW30R CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT STEBN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 322.45 INBOUND. CHART FAS OBST: 642 TRMSN TWR 352629N/1190250W DISTANCE TO THLD FROM 205 HATH: 0.48 NM. CHART VDP AT 1.05 MILES TO RW30R* *LNAV ONLY. WAAS CHANNEL # 58118 REFERENCE PATH ID: W30A CHART CIRCLING ICON. LTP HAE: 113.7 M					
LOPES		AXONE (FB)		256.09 / 7.89				8000							
GRAPE		AXONE (FB)		020.61 / 4.82				8000							
AXONE (IAF)		FASTO (FB)		346.00 / 14.40				3500							
FASTO (IF)		JUPEX (FB)		301.43 / 7.26				2500							
JUPEX (FAF)		HOYMI/2.10 NM TO RW30R (FB)		301.37 / 4.08											
HOYMI/2.10 NM TO RW30R		RW30R (MAP) (FO)		301.37 / 2.10											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT FASTO _____ 3. FAC: 301.37 FAF: JUPEX _____ DIST FAF TO MAP: 6.18 THLD: 6.18 4. MIN. ALT: FASTO 3500, JUPEX 2500, HOYMI/2.10 NM TO RW30R 1200* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: JUPEX 2500 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.7 34:1 IS CLEAR 8. MSA FROM: RW30R 8800															
										MAG VAR: 14E			EPOCH YEAR: 1985		
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	698	2400	205	698	2400	205	698	2400	205	698	2400	205			
LNAV/VNAV DA	898	4500	405	898	4500	405	898	4500	405	898	4500	405			
LNAV MDA	880	2400	387	880	2400	387	880	3500	387	880	3500	387			
CIRCLING	960	1	450	960	1	450	960	1 1/2	450	1060	2	550			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: CIRCLING NA NE OF RWY 12L-30R. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAPE ON V23 SOUTHEAST BOUND. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 510 TDZE: 493		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BAKERSFIELD, CA		AIRPORT NAME: MEADOWS FIELD				RNAV (GPS) RWY 30R, AMDT 2 10 DECEMBER 2015				AMDT: 1A					
										DATED 01/13/2011					

QUALITY
10
CHECKED

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

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

TERMINAL ROUTES, (CONT.):

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW30R (MAP)	1000 MSL	301.37	1000
1000 MSL	STEBN (FO)		3000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTERVILLE ALTIMETER SETTING: INCREASE LPV DA TO 790, LNAV/VNAV DA TO 990. INCREASE LNAV/VNAV ALL CATS VISIBILITIES TO 1 1/4 MILE;

INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CATS C AND D TO RVR 5000.

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

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PORTERVILLE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT C AND D VISIBILITY TO 1 3/8 MILE.



CITY AND STATE

BAKERSFIELD, CA

ELEVATION: 510

TDZE: 493

AIRPORT NAME:

MEADOWS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30R, AMDT 2

10 DECEMBER 2015

SUP:

AMDT: 1A

DATED: 01/13/2011

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFL
RUNWAY	RW30R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	352554.5810N
LTP/FTP LONGITUDE	1190313.4430W
LTP/FTP ELLIPSOIDAL HEIGHT	+01137
FPAP LATITUDE	352658.0260N
FPAP LONGITUDE	1190430.1260W
THRESHOLD CROSSING HEIGHT (TCH)	00050.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0488
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	1FEDA3C9
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01469
FPAP ORTHOMETRIC HEIGHT	+01469

CITY AND STATE

BAKERSFIELD, CA

ELEVATION: 510

TDZE: 493

AIRPORT NAME:

MEADOWS FIELD

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30R, AMDT 2

10 DECEMBER 2015

SUP:

AMDT:

DATED: 01/13/2011

 QUALITY
10
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) 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.		
ARINC SUMMARY - KBFL														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GRAPE	010	GRAPE	IF	FB										E
GRAPE	020	AXONE	TF	FB	2.0	020.6						AA 08000		E A
GRAPE	030	FASTO	TF	FB	1.0	346.0						AA 03500		EE B
LOPES	010	LOPES	IF	FB										E
LOPES	020	AXONE	TF	FB	2.0	256.1						AA 08000		E A
LOPES	030	FASTO	TF	FB	1.0	346.0						AA 03500		EE B
	010	FASTO	IF	FB								AA 03500		E I
	020	JUPEX	TF	FB	0.5	301.4				RW30R		AA 02500		E F
	021	HOYMI	TF	FB	0.3	301.4		3.00				AA 01200 GS 01201		E S
	030	RW30R	TF	FO	0.3	301.4		3.00				AT 00533		GY M
	040		CA	FB		301.4						AA 01000		M
	050	STEBN	DF	FO					R			AA 03000		EY
	060	STEBN	HM	FO		322.5			L			AA 03000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
AXONE			N350154.90			W1185141.27								
FASTO			N351619.98			W1185141.21								
GRAPE			N345756.49			W1185501.36								
HOYMI			N352424.84			W1190125.06								
JUPEX			N352130.47			W1185754.76								
LOPES			N350154.53			W1184205.05								
STEBN			N353451.27			W1190855.97								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE			THRESHOLD LONGITUDE			THRESHOLD ELEVATION			PROCEDURE TCH			
RW30R		N352554.58			W1190313.44			00482			51			

CITY AND STATE BAKERSFIELD, CA	ELEVATION: 510 TDZE: 493 AIRPORT NAME: MEADOWS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 30R, AMDT 2 10 DECEMBER 2015	SUP: AMDT: 1A DATED: 01/13/2011
--	---	--	---	---

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE									
										ADDITIONAL FLIGHT DATA:									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																			
2. _____																			
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: _____										MAG VAR: _____ EPOCH YEAR: _____									
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A _____									
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
NOTES:																			
PROCEDURE CANCELED EFFECTIVE 12/10/2015																			
QUALITY 6 CHECKED																			
CITY AND STATE MONTEREY, CA		ELEVATION: 254 AIRPORT NAME: MONTEREY RGNL			TDZE: 253			FACILITY IDENTIFIER: GPS			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 28R, ORIG-A, 03/01/2000					SUP AMDT DATE 10/08/1998			

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29							Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: STENO/I-MRY 1.70 DME CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 5000 ON HEADING 030 AND ON SNS VORTAC R-243 TO SNS VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD W, LT, 084.00 INBOUND. CHART FAS OBST: 647 TREE 363612N/1215458W CHART VDP AT 3.35 DME* DISTANCE VDP TO THLD 2.16 MILES. *LOC ONLY. CHART IN PLANVIEW ONLY: SNS 19.95 DME AT ZEBED. CHART CIRCLING ICON					
SNS VORTAC		ZEBED/I-MRY 9.59 DME		249.85 / 19.95				3600							
ZEBED/I-MRY 9.59 DME (IF/IAF)		MINCK/I-MRY 5.89 DME		097.74 / 3.71 (I-MRY)				1700							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W ZEBED, RT, 097.74 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: 097.74 FAF: MINCK _____ DIST FAF TO MAP: _____ THLD: 4.69 4. MIN. ALT: ZEBED 2600, MINCK 1700 5. DIST TO THLD FROM OM: _____ - _____ MM: _____ - _____ IM: _____ - 150 HAT: _____ - 100 HAT: _____ - GS ANT: 715 6. MIN GS INCPT: 1700 GS ALT AT: MINCK 1700 _____ OM: _____ - _____ MM: _____ - _____ IM: _____ - 7. GS ANGLE: 3.00 TCH: 45.0 8. MSA FROM: SNS VORTAC 100-220 6300, 220-310 4400, 310-100 5200										MAG VAR: 15E		EPOCH YEAR: 2000			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		ILS: #		LOC: STANDARD @				
CATEGORY =====>		A		B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 10R	498	2400	300	498	2400	300	498	2400	300	498	2400	300			
S-ILS 10R	878	2	680	878	2	680	878	2	680	878	2	680			
S-LOC 10R	920	2400	722	920	2400	722	920	1 5/8	722	920	1 5/8	722			
CIRCLING	920	1	663	920	1	663	1280	3	1023	1820	3	1563			
NOTES: CHART NOTE: **MISSED APPROACH REQUIRES MINIMUM CLIMB OF 385 FEET PER NM TO 1800. CHART PROFILE NOTE: ILS UNUSABLE FROM 0.5 NM INBOUND. CHART NOTE: AUTOPILOT COUPLED APPROACH NOT AUTHORIZED. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 10R VISIBILITY ALL CATS TO 2 1/2 AND INCREASE (CONTINUED ON PAGE 2)															
CITY AND STATE MONTEREY, CA		ELEVATION: 257 TDZE: 198 AIRPORT NAME: MONTEREY RGNL		FACILITY IDENTIFIER: I-MRY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10R, AMDT 28, 12/10/2015				SUP:					
										AMDT: 27B					
										DATED 07/18/2011					



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

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

NOTES, (CONT.):
S-LOC 10R VISIBILITY CAT B TO 1 1/4, CAT C/D TO 2.
CHART NOTE: DME REQUIRED.
CHART NOTE: CIRCLING NOT AUTHORIZED S OF RUNWAY 10R-28L.
CHART PLANVIEW NOTE: DME REQUIRED.



CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 198 AIRPORT NAME: MONTEREY RGNL	FACILITY IDENTIFIER: I-MRY	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10R, AMDT 28, 12/10/2015	SUP:
				AMDT: 27B
				DATED: 07/18/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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

ARINC SUMMARY - KMRV

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
SNS	010	SNS	IF	FB										V
SNS	020	ZEBED	TF	FO								AA 03600		EY
SNS	030	ZEBED	HF	FO		097.7	IMRY		R			AA 02600		EE A
	010	ZEBED	IF	FB			IMRY					AA 02600 GI 01700		E I
	020	MINCK	CF	FB		098.0	IMRY	3.00		SNS		GI 01700 GS 01700		E F
	030	RW10R	CF	FO		098.0	IMRY	3.00				AT 00205		GY M
	040		CA	FB		097.7						AA 01100		M
	050		VI	FB		030.0								
	060	SNS	CF	FO		063.0	SNS					AA 05000		VY
	070	SNS	HM	FO		084.0			L			AA 05000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SNS	N363949.81	W1213611.47
IMRY (DME)	N363501.38	W1214955.82
MINCK	N363715.38	W1215641.70
ZEBED	N363841.30	W1220056.75
IMRY (LOC)	N363457.93	W1214954.63

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW10R	N363526.48	W1215119.02	00160	45.0

QUALITY
15
CHECKED

CITY AND STATE
MONTEREY, CA

ELEVATION: 257 TDZE: 198
AIRPORT NAME:
MONTEREY RGNL

FACILITY
IDENTIFIER:
I-MRY

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 10R, AMDT 28, 12/10/2015

SUP:

AMDT: 27B

DATED: 07/18/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

ARINC SUMMARY - KMRV

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
SNS	010	SNS	IF	FB										V
SNS	020	ZEBED	TF	FO								AA 03600		EY
SNS	030	ZEBED	HF	FO		097.7	IMRY		R			AA 02600		EE A
	010	ZEBED	IF	FB			IMRY					AA 02600		E I
	020	MINCK	CF	FB		098.0	IMRY			SNS		AA 01700		E F
	030	STENO	CF	FO		098.0	IMRY	3.01				AT 00366		EY M
	040		CA	FB		097.7						AA 01100		M
	050		VI	FB		030.0								
	060	SNS	CF	FO		063.0	SNS					AA 05000		VY
	070	SNS	HM	FO		084.0			L			AA 05000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SNS	N363949.81	W1213611.47
IMRY (DME)	N363501.38	W1214955.82
MINCK	N363715.38	W1215641.70
STENO	N363538.18	W1215153.67
ZEBED	N363841.30	W1220056.75
IMRY (LOC)	N363457.93	W1214954.63

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW10R	N363526.48	W1215119.02	00160	45.0

QUALITY
15
CHECKED

CITY AND STATE
MONTEREY, CA

ELEVATION: 257 TDZE: 198
AIRPORT NAME:
MONTEREY RGNL

FACILITY
IDENTIFIER:
I-MRY

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 10R, AMDT 28, 12/10/2015

SUP:

AMDT: 27B

DATED: 07/18/2011

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33			Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.														
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ADDITIONAL FLIGHT DATA:									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: _____ EPOCH YEAR: _____									
2. _____																			
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____																			
4. MIN. ALT: _____																			
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																			
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																			
7. GS ANGLE: _____ TCH: _____																			
8. MSA FROM: _____																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A									
CATEGORY =====>		A			B			C			D			E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
NOTES:																			
PROCEDURE CANCELED EFFECTIVE 12/10/2015																			
CITY AND STATE MONTEREY, CA		ELEVATION: 257 TDZE: 250 AIRPORT NAME: MONTEREY RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 10L, ORIG, 02/16/2006						SUP: AMD'T: NONE DATED					

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW10R							
SNS VORTAC		ZEBED (FO)		251.85 / 19.95				3600		CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 5000 DIRECT SNS VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.							
ZEBED (IF/IAF)		MINCK (FB)		097.66 / 3.71				1700									
MINCK (FAF)		RW10R (MAP) (FO)		097.69 / 4.69													
RW10R (MAP)		1000 MSL		097.69				1000									
1000 MSL		SNS VORTAC (FO)						5000		ADDITIONAL FLIGHT DATA: HOLD W, LT, 084.00 INBOUND. CHART FAS OBST: 772 TREE 363600N/1215503W DISTANCE TO THLD FROM 520 HAT: 1.61 NM. CHART VDP AT 2.41 MILES TO RW10R* *LNAV ONLY. WAAS CHANNEL # 69602 REFERENCE PATH ID: W10A CHART CIRCLING ICON LTP HAE: 14.5 M							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD W ZEBED, RT, 097.66 INBOUND, 2600 FT. IN LIEU OF PT (IAF)																	
3. FAC: 097.69 FAF: MINCK DIST FAF TO MAP: 4.69 THLD: 4.69																	
4. MIN. ALT: ZEBED, 2600, MINCK 1700																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 1700 GS ALT AT: MINCK 1700 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR																	
8. MSA FROM: RW10R 6300										MAG VAR: 15E		EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A		B		C		D		E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	718	1 1/2	520	718	1 1/2	520	718	1 1/2	520	718	1 1/2	520					
LNAV/VNAV DA	789	1 3/4	591	789	1 3/4	591	789	1 3/4	591	789	1 3/4	591					
LNAV MDA	980	2400	782	980	4000	782	980	1 3/4	782	980	1 3/4	782					
CIRCLING	980	1	723	980	1 1/4	723	1280	3	1023	1820	3	1563					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT C 1100-3, CAT D 1600-3 CHART NOTE: CIRCLING NA S OF RWY 10R-28L. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY ALL CATS TO 1 7/8 MILE, LNAV/VNAV (CONTINUED ON PAGE 2)																	
CITY AND STATE MONTEREY, CA		ELEVATION: 257 TDZE: 198 AIRPORT NAME: MONTEREY RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10R, AMDT 1, 12/10/2015				SUP: RNAV (GPS) Z RWY 10R AMDT: ORIG DATED 02/16/2006							

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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

NOTES, (CONT.):
VISIBILITY ALL CATS TO 2 1/2 MILES, AND LNAV CAT C/D VISIBILITY TO 2 1/2 MILES.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SNS VORTAC AIRWAY RADIALS 167 CW 293.



CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 198 AIRPORT NAME: MONTEREY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10R, AMDT 1, 12/10/2015	SUP: RNAV (GPS) Z RWY 10R
				AMDT: ORIG
				DATED: 02/16/2006

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

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

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRY
RUNWAY	RW10R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	363526.4840N
LTP/FTP LONGITUDE	1215119.0240W
LTP/FTP ELLIPSOIDAL HEIGHT	+00145
FPAP LATITUDE	363451.9840N
FPAP LONGITUDE	1214936.9970W
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	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

AC2E30ED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00488
FPAP ORTHOMETRIC HEIGHT	+00488

QUALITY
6
CHECKED

CITY AND STATE

MONTEREY, CA

ELEVATION: 257

TDZE: 198

AIRPORT NAME:

MONTEREY RGNL

 FACILITY
IDENTIFIER:

RNAV

 PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10R, AMDT 1, 12/10/2015
SUP: RNAV (GPS) Z RWY
10R

AMD'T: ORIG

DATED: 02/16/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) 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.
--	--

ARINC SUMMARY - KMRY

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
SNS	010	SNS	IF	FB										V
SNS	020	ZEBED	TF	FO	2.0	251.9						AA 03600		EY
SNS	030	ZEBED	HF	FO		097.7			R			AA 02600		EE A
	010	ZEBED	IF	FB								AA 02600		E I
	020	MINCK	TF	FB	0.5	097.7				RW10R		AA 01700		E F
	030	RW10R	TF	FO	0.3	097.7		3.00				AT 00205		GY M
	040		CA	FB		097.7						AA 01000		M
	050	SNS	DF	FO					L			AA 05000		VY
	060	SNS	HM	FO		084.0			L			AA 05000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
SNS	N363949.81	W1213611.47
MINCK	N363715.38	W1215641.70
ZEBED	N363841.30	W1220056.75

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW10R	N363526.48	W1215119.02	00160	45

CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 198 AIRPORT NAME: MONTEREY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 10R, AMDT 1, 12/10/2015	SUP: RNAV (GPS) Z RWY 10R AMDT: ORIG DATED: 02/16/2006
---------------------------------------	---	--	---	---



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

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: ____
 5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
 6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
 7. GS ANGLE: ____ TCH: ____
 8. MSA FROM: ____

MAG VAR:

EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 12/10/2015



CITY AND STATE MONTEREY, CA	ELEVATION: 257 TDZE: 193 AIRPORT NAME: MONTEREY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 10R, ORIG, 09/28/2006	SUP:
				AMDT: NONE
				DATED

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 4.53 MILES AFTER CUVSA/OAK VORTAC 5.39 DME OR AT OAK VORTAC 0.90 DME FIX CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 340.00 AND SGD VORTAC R-165 TO REBAS/SGD 14.31 DME AND HOLD. ALTERNATE MA (DO NOT CHART): CLIMB TO 4000 DIRECT SAU VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 345.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE SAU VORTAC, RT, 215.21 INBOUND. CHART FAS OBST: 174 ANT 374213N/1220826W CHART IN PLANVIEW: SAU VORTAC. CHART CIRCLING ICON. CHART MANDATORY 5000 AT BBUBB CHART MANDATORY 5300 AT CYMBL CHART 541 TREE 374215N/1220608W.					
BBUBB (IAF)		NAGVY (FB)		230.50 / 4.87				4200							
CYMBL (IAF)		NAGVY (FB)		299.10 / 5.69				4200							
NAGVY/OAK VORTAC 14.96 DME (IF)		GROVE/OAK VORTAC 11.86 DME		278.18 / 3.10 (I-OAK)				3400							
GROVE/OAK VORTAC 11.86 DME		URZAF/OAK VORTAC 9.55 DME		278.18 / 2.31 (I-OAK)				2700							
URZAF/OAK VORTAC 9.55 DME		NIXDE/OAK VORTAC 7.54 DME		278.18 / 2.01 (I-OAK)				2100							
NIXDE/OAK VORTAC 7.54 DME		CUVSA/OAK VORTAC 5.39 DME		278.18 / 2.15 (I-OAK)				1500							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT NAGVY 3. FAC: 278.18 FAF: CUVSA/OAK VORTAC 5.39 DME DIST FAF TO MAP: _____ THLD: 4.53 4. MIN. ALT: NAGVY 4200, GROVE 3400, URZAF 2700, NIXDE 2100, CUVSA 1500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 991 6. MIN GS INCPT: 1500 GS ALT AT: CUVSA 1500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.8 8. MSA FROM: OAK VORTAC 170-350 3800, 350-170 5100										MAG VAR: 14E		EPOCH YEAR: 2015			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @			
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 28R**	207	2400	200	207	2400	200	207	2400	200	207	2400	200			
S-LOC 28R	440	2400	433	440	2400	433	440	4000	433	440	4000	433			
SIDESTEP 28L	440	5500	431	440	5500	431	440	1 1/2	431	440	1 1/2	431			
CIRCLING	560	1	551	560	1	551	660	1 3/4	651	1400	3	1391			
NOTES: CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. CHART NOTE: DME REQUIRED. CHART NOTE: DME FROM OAK VORTAC. SIMULTANEOUS RECEPTION OF I-OAK AND OAK DME REQUIRED. CHART PLANVIEW NOTE: GPS REQUIRED.															
CITY AND STATE OAKLAND, CA		ELEVATION: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL		TDZE: 28R 7 TDZE: 28L 9		FACILITY IDENTIFIER: I-OAK		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 28R, AMDT 37 12/10/2015				SUP:			
												AMDT: 36A			
												DATED 07/24/2014			



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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

ARINC SUMMARY - KOAK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BBUBB	010	BBUBB	IF	FB								AT 05000		E A
BBUBB	020	NAGVY	TF	FB								AA 04200		E B
BBUBB	030	GROVE	TF	FB								AA 03400		E
BBUBB	040	URZAF	TF	FB								AA 02700		E
BBUBB	050	NIXDE	CF	FB		278.2	IOAK					AA 02100		EE
CYMBL	010	CYMBL	IF	FB								AT 05300		E A
CYMBL	020	NAGVY	TF	FB								AA 04200		E B
CYMBL	030	GROVE	TF	FB								AA 03400		E
CYMBL	040	URZAF	TF	FB								AA 02700		E
CYMBL	050	NIXDE	CF	FB		278.2	IOAK					AA 02100		EE
	010	NIXDE	IF	FB			IOAK					AA 02100 GI 01500		E I
	020	CUVSA	CF	FB		278.0	IOAK	3.00		OAK		GI 01500 GS 01500		E F
	030	RW28R	CF	FO		278.0	IOAK	3.00				AT 00059		GY M
	040		CA	FB		278.2						AA 01900		M
	050		VI	FB		340.0								
	060	REBAS	CF	FO		345.0	SGD					AA 03000		EY
	070	REBAS	HM	FO		345.0			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
OAK	N374333.32	W1221324.91
SGD	N381045.70	W1222223.35
REBAS	N375626.46	W1222301.20
BBUBB	N374014.58	W1215018.49
CUVSA	N374146.56	W1220700.07
CYMBL	N373415.17	W1215037.07
GROVE	N373919.17	W1215927.32
NAGVY	N373808.42	W1215550.68
NIXDE	N374057.58	W1220429.39
URZAF	N374011.82	W1220208.82
IOAK (LOC)	N374354.55	W1221334.86

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
--------	-----------------------	------------------------	------------------------	------------------

QUALITY
15
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	TDZE: 28R 7 TDZE: 28L 9 I-OAK	FACILITY IDENTIFIER: I-OAK	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC/DME RWY 28R, AMDT 37 12/10/2015	SUP:
					AMDT: 36A
					DATED: 07/24/2014

RW28R	N374329.32	W1221216.93	00006	52.8
-------	------------	-------------	-------	------



CITY AND STATE OAKLAND, CA	ELEVATION: 9	TDZE: 28R 7	FACILITY IDENTIFIER: I-OAK	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC/DME RWY 28R, AMDT 37 12/10/2015	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL	AMDT: 36A			
	DATED: 07/24/2014				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

ARINC SUMMARY - KOAK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BBUBB	010	BBUBB	IF	FB								AT 05000		E A
BBUBB	020	NAGVY	TF	FB								AA 04200		E B
BBUBB	030	GROVE	TF	FB								AA 03400		E
BBUBB	040	URZAF	TF	FB								AA 02700		E
BBUBB	050	NIXDE	CF	FB		278.2	IOAK					AA 02100		EE
CYMBL	010	CYMBL	IF	FB								AT 05300		E A
CYMBL	020	NAGVY	TF	FB								AA 04200		E B
CYMBL	030	GROVE	TF	FB								AA 03400		E
CYMBL	040	URZAF	TF	FB								AA 02700		E
CYMBL	050	NIXDE	CF	FB		278.2	IOAK					AA 02100		EE
	010	NIXDE	IF	FB			IOAK					AA 02100		E I
	020	CUVSA	CF	FB		278.0	IOAK			OAK		AA 01500		E F
	030	RW28R	CF	FO		278.0	IOAK	3.01				AT 00059		GY M
	040		CA	FB		278.2						AA 01900		M
	050		VI	FB		340.0								
	060	REBAS	CF	FO		345.0	SGD					AA 03000		EY
	070	REBAS	HM	FO		345.0			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
OAK	N374333.32	W1221324.91
SGD	N381045.70	W1222223.35
REBAS	N375626.46	W1222301.20
BBUBB	N374014.58	W1215018.49
CUVSA	N374146.56	W1220700.07
CYMBL	N373415.17	W1215037.07
GROVE	N373919.17	W1215927.32
NAGVY	N373808.42	W1215550.68
NIXDE	N374057.58	W1220429.39
URZAF	N374011.82	W1220208.82
IOAK (LOC)	N374354.55	W1221334.86

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
--------	-----------------------	------------------------	------------------------	------------------

QUALITY
15
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9	TDZE: 28R 7	FACILITY IDENTIFIER: I-OAK	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC/DME RWY 28R, AMDT 37 12/10/2015	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL	TDZE: 28L 9			AMDT: 36A
	DATED: 07/24/2014				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

RW28R

N374329.32

W1221216.93

00006

52.8

QUALITY
15
CHECKED

CITY AND STATE
OAKLAND, CA

ELEVATION: 9 TDZE: 28R 7
AIRPORT NAME: TDZE: 28L 9
METROPOLITAN OAKLAND INTL

FACILITY
IDENTIFIER:
I-OAK

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 28R, AMDT 37
12/10/2015

SUP:
AMDT: 36A
DATED: 07/24/2014

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		LPV: DA LNAV/VNAV: DA LNAV: RW28R CLIMB TO 3000 DIRECT ZERMO AND TRACK 335.32 TO REBAS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 343.64 INBOUND. CHART FAS OBST: 168 ANT 374225N/1220952W 840 AAO 374259.14N/1220645.06W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.20 MILES TO RW28R* *LNAV ONLY. WAAS CHANNEL # 42535 REFERENCE PATH ID: W28B CHART CIRCLING ICON. CHART MANDATORY 5000 AT BBUBB. CHART MANDATORY 5300 AT CYMBL. *LNAV ONLY. LTP HAE: -30.7 M					
BBUBB (IAF)		NAGVY (FB)		230.50 / 4.87				4200							
CYMBL (IAF)		NAGVY (FB)		299.10 / 5.69				4200							
NAGVY (IF)		GROVE (FB)		278.35 / 3.10				3400							
GROVE		URZAF (FB)		278.31 / 2.31				2700							
URZAF		NIXDE (FB)		278.28 / 2.01				2100							
NIXDE		CUVSA (FB)		278.26 / 2.15				1500							
CUVSA (FAF)		JAPSO/2.90 NM TO RW28R (FB)		278.23 / 1.63											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT NAGVY 3. FAC: 278.23 FAF: CUVSA DIST FAF TO MAP: 4.53 THLD: 4.53 4. MIN. ALT: NAGVY 4200, GROVE 3400, URZAF 2700, NIXDE 2100, CUVSA 1500, JAPSO/2.90 NM TO RW28R 980* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: CUVSA 1500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.8 34:1 IS CLEAR 8. MSA FROM: RW28R 5100										MAG VAR: 14E		EPOCH YEAR: 2015			
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	207	2400	200	207	2400	200	207	2400	200	207	2400	200			
LNAV/VNAV DA	387	4000	380	387	4000	380	387	4000	380	387	4000	380			
LNAV MDA	440	2400	433	440	2400	433	440	4000	433	440	4000	433			
CIRCLING	560	1	551	560	1	551	660	1 3/4	651	1400	3	1391			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT D 1400-3 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 54C (130F).															
CITY AND STATE OAKLAND, CA		ELEVATION: 9 TDZE: 7 AIRPORT NAME: METROPOLITAN OAKLAND INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 3, 12/10/2015						SUP:			
												AMDT: 2B			
												DATED 07/24/2014			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JAPSO/2.90 NM TO RW28R	RW28R (MAP) (FO)	278.23 / 2.90	
RW28R (MAP)	207 MSL	278.23	
207 MSL	ZERMO (FB)		
ZERMO	REBAS (FO)	335.32 / 10.44	3000

QUALITY
16
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9	TDZE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 3, 12/10/2015	SUP:
	AIRPORT NAME:				AMDT: 2B
	METROPOLITAN OAKLAND INTL				DATED: 07/24/2014

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOAK
RUNWAY	RW28R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28B
LTP/FTP LATITUDE	374329.3245N
LTP/FTP LONGITUDE	1221216.9325W
LTP/FTP ELLIPSOIDAL HEIGHT	-00307
FPAP LATITUDE	374402.9875N
FPAP LONGITUDE	1221400.9405W
THRESHOLD CROSSING HEIGHT (TCH)	00052.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	F40D4C6C
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00018
FPAP ORTHOMETRIC HEIGHT	+00018

QUALITY
16
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	TDZE: 7 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 3, 12/10/2015	SUP:
				AMDT: 2B
				DATED: 07/24/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC SUMMARY - KOAK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BBUBB	010	BBUBB	IF	FB								AT 05000		E A
BBUBB	020	NAGVY	TF	FB	1.0	230.5						AA 04200		EE B
CYMBL	010	CYMBL	IF	FB								AT 05300		E A
CYMBL	020	NAGVY	TF	FB	1.0	299.1						AA 04200		EE B
	010	NAGVY	IF	FB								AA 04200		E I
	011	GROVE	TF	FB	0.5	278.4						AA 03400		E
	012	URZAF	TF	FB	0.5	278.3						AA 02700		E
	013	NIXDE	TF	FB	0.5	278.3						AA 02100		E
	020	CUVSA	TF	FB	0.5	278.3				RW28R		AA 01500		E F
	021	JAPSO	TF	FB	0.3	278.2		3.00				AA 00980 GS 00982		E S
	030	RW28R	TF	FO	0.3	278.2		3.00				AT 00059		GY M
	040		CA	FB		278.2						AA 00207		M
	050	ZERMO	DF	FB										E
	060	REBAS	TF	FO	1.0	335.3						AA 03000		EY
	070	REBAS	HM	FO		343.6			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BBUBB	N374014.58	W1215018.49
CUVSA	N374146.56	W1220700.07
CYMBL	N373415.17	W1215037.07
GROVE	N373919.17	W1215927.32
JAPSO	N374223.51	W1220853.90
NAGVY	N373808.42	W1215550.68
NIXDE	N374057.58	W1220429.39
REBAS	N375626.46	W1222301.20
URZAF	N374011.82	W1220208.82
ZERMO	N374610.04	W1222034.44

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW28R	N374329.32	W1221216.93	00006	52.8

QUALITY
16
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9	TDZE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 3, 12/10/2015	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL				AMDT: 2B
					DATED: 07/24/2014

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		RNP: DA					
BBUBB (IAF)		NAGVY (TF) (FB) (RNP 1.00)		230.50 / 4.87				4200		CLIMB TO 3000 ON TRACK 278.18 TO ZERMO AND ON TRACK 335.32 TO REBAS AND HOLD.					
CYMBL (IAF)		NAGVY (TF) (FB) (RNP 1.00)		299.10 / 5.69				4200							
NAGVY (IF)		GROVE (TF) (FB) (RNP 1.00)		278.35 / 3.10				3400		ADDITIONAL FLIGHT DATA: HOLD S, RT, 343.64 INBOUND. DISTANCE TO THLD FROM 269 HAT: 0.68 NM. #TCH 58.6 MSL (DO NOT CHART) ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MANDATORY 5300 AT CYMBL. CHART MANDATORY 5000 AT BBUBB.					
GROVE		URZAF (TF) (FB) (RNP 1.00)		278.31 / 2.31				2700							
URZAF		NIXDE (TF) (FB) (RNP 1.00)		278.28 / 2.01				2100							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 14E EPOCH YEAR: 2015					
2. PROFILE STARTS AT NAGVY															
3. FAC: 278.23 FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: NAGVY 4200, GROVE 3400, URZAF 2700, NIXDE 2100, CUVSA 1500															
5. DIST TO THLD FROM OM: 4.53 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 1500 GS ALT AT: CUVSA 1500 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: #52.8 34:1 IS CLEAR															
8. MSA FROM: RW28R 5100															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD									
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA	276	2400	269	276	2400	269	276	2400	269	276	2400	269			
RNP 0.30 DA	414	4500	407	414	4500	407	414	4500	407	414	4500	407			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 4500. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT BBUBB AND CYMBL: (RNP 0.70)															
CITY AND STATE OAKLAND, CA		ELEVATION: 9 TDZE: 7 AIRPORT NAME: METROPOLITAN OAKLAND INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 28R, AMDT 2 12/10/2015						SUP: AMDT: 1B DATED 07/24/2014			

US 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 (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33				
TERMINAL ROUTES, (CONT.):				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NIXDE	CUVSA (TF) (FB) (RNP 0.70)	278.26 / 2.15	1500	
CUVSA (FAF)	RW28R (MAP) (TF) (FO)	278.23 / 4.53		
RW28R (MAP)	ZERMO (TF) (FB) (RNP1.00)	278.18 / 7.10		
ZERMO	REBAS (TF) (FO) (RNP 1.00)	335.32 / 10.44	3000	
QUALITY 16 CHECKED				
CITY AND STATE	ELEVATION: 9	TDZE: 7	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
OAKLAND, CA	AIRPORT NAME:		RNAV	RNAV (RNP) Z RWY 28R, AMDT 2
	METROPOLITAN OAKLAND INTL			12/10/2015
			SUP:	
			AMDT:	1B
			DATED:	07/24/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) 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.

ARINC SUMMARY - KOAK

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BBUBB	010	BBUBB	IF	FB								AT 05000		E A
BBUBB	020	NAGVY	TF	FB	1.0							AA 04200		E B
BBUBB	030	GROVE	TF	FB	1.0							AA 03400		E
BBUBB	040	URZAF	TF	FB	1.0							AA 02700		E
BBUBB	050	NIXDE	TF	FB	1.0							AA 02100		EE
CYMBL	010	CYMBL	IF	FB								AT 05300		E A
CYMBL	020	NAGVY	TF	FB	1.0							AA 04200		E B
CYMBL	030	GROVE	TF	FB	1.0							AA 03400		E
CYMBL	040	URZAF	TF	FB	1.0							AA 02700		E
CYMBL	050	NIXDE	TF	FB	1.0							AA 02100		EE
	010	NIXDE	IF	FB								AA 02100		E I
	020	CUVSA	TF	FB	0.7					RW28R		AA 01500		E F
	030	RW28R	TF	FO	0.3			3.00				AT 00059		GY M
	040	ZERMO	TF	FB	1.0									E M
	050	REBAS	TF	FO	1.0							AA 03000		EY
	060	REBAS	HM	FO		343.6			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
REBAS	N375626.46	W1222301.20
BBUBB	N374014.58	W1215018.49
CUVSA	N374146.56	W1220700.07
CYMBL	N373415.17	W1215037.07
GROVE	N373919.17	W1215927.32
NAGVY	N373808.42	W1215550.68
NIXDE	N374057.58	W1220429.39
URZAF	N374011.82	W1220208.82
ZERMO	N374610.04	W1222034.44

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW28R	N374329.32	W1221216.93	00006	52.8

QUALITY
12
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9 TDZE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 28R, AMDT 2 12/10/2015	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL			AMDT: 1B
				DATED: 07/24/2014

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		LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 7000 THEN CLIMBING RIGHT TURN TO 11600 DIRECT CAKBI AND ON TRACK 187.05 TO NADIN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 11600. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 220.00 INBOUND. FAS OBST: 5342 AAO 384248N/1080827W DISTANCE TO THLD FROM 250 HAT: 0.81 NM. CHART VDP AT 2.16 MILES TO RW03* *LNAV ONLY. WAAS CHANNEL # 90537 REFERENCE PATH ID: W03A CHART CIRCLING ICON 5440 AAO 384251/1081048W CHART IN PLANVIEW: LIMIT MISSED APPROACH TO 165 KIAS UNTIL CAKBI LTP HAE: 1541 M									
AGIME (IAF)		NADIN (FB)		078.22 / 6.00				10400											
NADIN		EDEVE (FB)		007.01 / 4.12				10000											
EDEVE		DEWAX (FB)		007.03 / 2.06				9000											
DEWAX		CAKBI (FB)		007.04 / 2.06				8900											
CAKBI (IF)		BUVME (FB)		031.58 / 3.88				7700											
BUVME		AIRNS (FB)		031.62 / 2.12				7100											
AIRNS (FAF)		RW03 (MAP) (FO)		031.64 / 6.13															
(SEE FORM 8260-10)																			
1. _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CAKBI 3. FAC: 031.64 FAF: AIRNS DIST FAF TO MAP: 6.13 THLD: 6.13 4. MIN. ALT: CAKBI 8900, BUVME 7700, AIRNS 7100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 7100 GS ALT AT: AIRNS 7100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 37.8 34:1 IS CLEAR 8. MSA FROM: RW03 12800																MAG VAR: 10E		EPOCH YEAR: 2020	
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A									
CATEGORY =====>		A			B			C			D			E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
LPV DA #	5407	1	250	5407	1	250	5407	1	250		NA								
LPV DA	5548	1 1/2	391	5548	1 1/2	391	5548	1 1/2	391		NA								
LNAV/VNAV DA	5857	2	700	5857	2	700	5857	2	700		NA								
LNAV MDA	5840	1	683	5840	1	683	5840	2	683		NA								
CIRCLING	5900	1	707	6340	1 1/2	1147	6680	3	1487		NA								
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MONTROSE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -25C (-13F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)																			
CITY AND STATE DELTA, CO				ELEVATION: 5193 TDZE: 5157 AIRPORT NAME: BLAKE FIELD				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 10 DECEMBER 2015				SUP: AMDT: NONE DATED:					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW03 (MAP)	7000 MSL	031.64	7000
7000 MSL	CAKBI (FB)		
CAKBI	NADIN (FO)	187.05 / 8.25	11600

NOTES, (CONT.):

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTROSE ALTIMETER SETTING: INCREASE # LPV DA TO 5529 FT AND VISIBILITY ALL CATS 3/8 MILE, INCREASE LPV DA TO 5670 FT AND VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV/VNAV DA TO 5979 FT AND VISIBILITY ALL CATS 1/2 MILE. INCREASE ALL MDA 140 FT AND VISIBILITY CAT B 1/4 MILE, CAT C 1/2 MILE AND CIRCLING CAT A 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AGIME ON V244 WESTBOUND.
CHART NOTE: VDP NA WHEN USING MONTROSE ALTIMETER SETTING.
CHART NOTE: # MISSED APPROACH REQUIRES MINIMUM CLIMB OF 250 FEET PER NM TO 6900.
CHART PLANVIEW NOTE AT NADIN : MAX 210 KIAS UNTIL EDEVE.

QUALITY
22
CHECKED

CITY AND STATE

DELTA, CO

ELEVATION: 5193

TDZE: 5157

AIRPORT NAME:

BLAKE FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

10 DECEMBER 2015

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAJZ
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	384650.4320N
LTP/FTP LONGITUDE	1080412.5540W
LTP/FTP ELLIPSOIDAL HEIGHT	+15410
FPAP LATITUDE	384757.0260N
FPAP LONGITUDE	1080256.7520W
THRESHOLD CROSSING HEIGHT (TCH)	00037.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	3F1E7759

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+15578
FPAP ORTHOMETRIC HEIGHT	+15578

QUALITY
22
CHECKED

CITY AND STATE

DELTA, CO

ELEVATION: 5193

TDZE: 5157

AIRPORT NAME:

BLAKE FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

10 DECEMBER 2015

SUP:

AMDT: NONE

DATED:

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

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP	KAJZK2FR03	AAGIME	010AGIMEK2EA0E	A	IF					18000		A JS	
SUSAP	KAJZK2FR03	AAGIME	020NADINK2EA0E		010TF		07820060	+	10400			A JS	
SUSAP	KAJZK2FR03	AAGIME	030EDEVK2EA0E		010TF		00700041	+	10000	210		A-JS	
SUSAP	KAJZK2FR03	AAGIME	040DEWAXK2EA0E		010TF		00700021	+	09000			A JS	
SUSAP	KAJZK2FR03	AAGIME	050CAKBIK2EA0EE	B	010TF		00700021	+	08900			A JS	
SUSAP	KAJZK2FR03	R	010CAKBIK2EA0E	I	IF			+	08900	18000		A JS	
SUSAP	KAJZK2FR03	R	011BUVMEK2EA0E		051TF		03160039	+	07700			A JS	
SUSAP	KAJZK2FR03	R	020AIRNSK2EA1E	F	051TF		03160021	+	07100		RW03	K2PGA	JS
SUSAP	KAJZK2FR03	R	020AIRNSK2EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KAJZK2FR03	R	030RW03 K2PGOGY	M	031TF		03160061		05149		-300	A JS	
SUSAP	KAJZK2FR03	R	040		0 M	CA	0316	+	07000			A JS	
SUSAP	KAJZK2FR03	R	050CAKBIK2EA0E	R	DF					165		A-JS	
SUSAP	KAJZK2FR03	R	060NADINK2EA0EY		010TF		18710083	+	11600			A JS	
SUSAP	KAJZK2FR03	R	070NADINK2EA0EE	L	HM		22000070	+	11600			A JS	

[illegible]

CITY AND STATE DELTA, CO	ELEVATION: 5193 TDZE: 5157 AIRPORT NAME: BLAKE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 10 DECEMBER 2015	SUP: 4
				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.

CITY AND STATE DELTA, CO	ELEVATION: 5193	TDZE: 5157	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 10 DECEMBER 2015	SUP:
	AIRPORT NAME: BLAKE FIELD				AMDT: NONE
					DATED:

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 (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33												
ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AGIME	AGIME	010	IAF	IF		FB					
	AGIME	NADIN	020		TF		FB	1.0	078.2 (088.2T)	006.0	AA 10400	
	AGIME	EDEVE	030		TF		FB	1.0	007.0 (017.0T)	004.1	AA 10000	AB 210
	AGIME	DEWAX	040		TF		FB	1.0	007.0 (017.0T)	002.1	AA 09000	
	AGIME	CAKBI	050		TF		FB	1.0	007.0 (017.0T)	002.1	AA 08900	
		CAKBI	010	FACF	IF		FB				AA 08900	
		BUVME	011		TF		FB	0.5	031.6 (041.6T)	003.9	AA 07700	
		AIRNS	020	FAF	TF		FB	0.5	031.6 (041.6T)	002.1	AA 07100	
		RW03	030	MAP	TF		FO	0.3	031.6 (041.6T)	006.1	AT 05149	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		031.6 (041.6T)		AA 07000	
		CAKBI	050		DF	R	FB					AB 165
		NADIN	060		TF		FO	1.0	187.1 (197.1T)	008.3	AA 11600	
		NADIN	070		HM	L	FO		220.0 (230.0T)	007.0	AA 11600	
POINT DATA		WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS			
		AGIME	N382941.43		W1082513.19		N3829.691		W10825.220			
		AIRNS	N384215.58		W1080924.83		N3842.260		W10809.414			
		BUVME	N384040.41		W1081112.76		N3840.674		W10811.213			
		CAKBI	N383745.95		W1081430.27		N3837.766		W10814.505			
		DEWAX	N383547.58		W1081516.53		N3835.793		W10815.276			
		EDEVE	N383349.20		W1081602.74		N3833.820		W10816.046			
		NADIN	N382952.40		W1081735.01		N3829.873		W10817.584			
		RW03	N384650.43		W1080412.55		N3846.841		W10804.209			
RUNWAY DATA			THRESHOLD									
		RWY	ELEVATION		TCH							
		RW03	05111		38							

CITY AND STATE DELTA, CO	ELEVATION: 5193	TDZE: 5157	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: BLAKE FIELD		RNAV	RNAV (GPS) RWY 3, ORIG 10 DECEMBER 2015	AMDT: NONE
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
DELTA, CO	BLAKE FIELD	10 DECEMBER 2015	ORIG

TAKEOFF MINIMUMS:

RWY 03: STANDARD WITH MINIMUM CLIMB OF 412 TO 10200, OR 3300-3 FOR VCOA.
RWY 21: STANDARD WITH MINIMUM CLIMB OF 452 TO 10200, OR 3300-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3: DME REQUIRED, CLIMBING RIGHT TURN HEADING 211.69 TO INTERCEPT MTJ VOR/DME R-297 TO BRICK/MTJ 23.44 DME...
RWY 21: DME REQUIRED, CLIMBING HEADING 211.69 TO INTERCEPT MTJ VOR/DME R-297 TO BRICK/MTJ 23.44 DME...

... CLIMB-IN-HOLD (HOLD NW, RT, 116.63 INBOUND) TO CROSS BRICK AT OR ABOVE 11300.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. DME REQUIRED, CLIMB IN VISUAL CONDITIONS TO CROSS BLAKE FIELD AIRPORT AT OR ABOVE 8300, FLY HEADING 248.39 AND MTJ VOR/DME R-297 TO BRICK/MTJ 23.44 DME, CLIMB IN HOLD (HOLD NW, RT, 116.63 INBOUND) TO CROSS BRICK AT OR ABOVE 11300.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3: GROUND BEGINNING 56 FT FROM DER, 103 FT LEFT OF CENTERLINE UP TO 5296 FT MSL.
BUSH 69 FT FROM DER, 224 FT LEFT OF CENTERLINE 6 FT AGL/5197 FT MSL.
BUSH 101 FT FROM DER, 103 FT LEFT OF CENTERLINE 5 FT AGL/ 5196 FT MSL.
NOTE: RWY 21: ROAD BEGINNING 6 FT FROM DER, 348 FT RIGHT OF CENTERLINE 5124 FT MSL. BUSH 29 FT FROM DER, 253 FT RIGHT OF CENTERLINE 2 FT AGL/5113 FT MSL.

CONTROLLING OBSTACLES:

RWY 3/21: 8999 FT MSL AAO 385106.01N/1083742.00W
OBSTACLE MANDATING ROUTE OF DEVELOPMENT RWY 3/21 11086 FT MSL TOWER 390246.00N-1080111.00W, 10146 FT MSL TOWER 390503.00N-1081314.00W, 10066 FT MSL TOWER 390255.00N-1081508.00W, 10027 FT MSL TOWER 390527.00N-1081322.00W, 10045 FT MSL TOWER 390344.00N-1081249.00W.
RWY 3/21 (VCOA): 7960 FT AAO 385154.17N/1081023.39W



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
DELTA, CO	BLAKE FIELD	10 DECEMBER 2015	ORIG

REMARKS:

PER ATC DO NOT CHART HOLDING AT BRICK.

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

CHARLES D. CUNNINGHAM FICO
Digitally signed by

5/27/2015

LONNIE EVERHART

Jun 04, 2015

**Effective concurrent with
Airspace Docket 14-ANM-
10**

DEVELOPED BY:

Digitally signed by

AJ FIELDS **AJ FIELDS** AJV-354

Feb 12, 2015

APPROVED BY:

Digitally signed by

JILL M. OLSON **LONNIE EVERHART** AJV-354

Jun 04, 2015

COORDINATED WITH:

ALPA, AOPA, NBAA, ZDV, AMGR

CHANGES:

PER FPT DESIGN CHECKLIST

REASONS:

AIRPORT CHANGING FROM VFR TO IFR AIRPORT.

QUALITY
22
CHECKED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW14						
OKOLY (IAF)		MILCY (NOPT) (FB)		235.82 / 5.00				4600		CLIMB TO 4600 DIRECT CORKU AND HOLD.						
BOTDO (IAF)		MILCY (NOPT) (FB)		055.70 / 5.00				4600								
MILCY (IF/IAF)		RAVEN (FB)		145.76 / 6.01				4400								
RAVEN (FAF)		RW14 (MAP) (FO)		145.80 / 5.49												
RW14 (MAP)		2836 MSL		145.80												
2836 MSL		CORKU (FO)						4600		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 325.90 INBOUND. FAS OBST: 2769 AAO 375052N/1000025W 2779 AAO 375054N/1000142W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.25 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 65609 REFERENCE PATH ID: W14A CHART CIRCLING ICON. LTP HAE: 761.2 M						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2. HOLD NW MILCY, RT, 145.76 INBOUND, 4600 FT. IN LIEU OF PT (IAF)																
3. FAC: 145.80 FAF: RAVEN _____ DIST FAF TO MAP: 5.49 THLD: 5.49																
4. MIN. ALT: MILCY 4600, RAVEN 4400																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 4400 GS ALT AT: RAVEN 4400 _____ OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR																
8. MSA FROM: _____																
MAG VAR: 8E EPOCH YEAR: 1990																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @							
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	2836	1/2	250	2836	1/2	250	2836	1/2	250	2836	1/2	250				
LNAV/VNAV DA	2991	1	405	2991	1	405	2991	1	405	2991	1	405				
LNAV MDA	3020	1/2	434	3020	1/2	434	3020	3/4	434	3020	3/4	434				
CIRCLING	3040	1	444	3080	1	484	3320	2	724	3320	2 1/4	724				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GARDEN CITY ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). (SEE FORM 8260-10)																
CITY AND STATE DODGE CITY, KS		ELEVATION: 2596 TDZE: 2586 AIRPORT NAME: DODGE CITY RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1A 10 DECEMBER 2015				SUP: AMDT: 1 DATED 10/27/2005				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV/VNAV ALL CATS VISIBILITY TO 1 3/8 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GARDEN CITY ALTIMETER SETTING: INCREASE LPV DA TO 2964 FT AND ALL VISIBILITIES 3/8 MILES, LNAV/VNAV DA TO 3119 FT AND ALL VISIBILITIES 3/8 MILE; INCREASE ALL MDA 140 FT AND VISIBILITY CAT C AND D 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING GARDEN CITY ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE AND LNAV CAT C AND D VISIBILITY TO 1 5/8 MILE.

TAA

	FROM	TO	ALT
1.	056/30 CW 236/30 (NOPT)	MILCY (IF/IAF) (FB)	4600
2.	236/30 CW 326/30	OKOLY (IAF) (FB)	4600
3.	326/30 CW 056/30	326/20 CW 056/20	4800
4.	326/20 CW 056/20	BOTDO (IAF) (FB)	4600



CITY AND STATE

DODGE CITY, KS

ELEVATION: 2596

TDZE: 2586

AIRPORT NAME:

DODGE CITY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 1A

10 DECEMBER 2015

SUP:

AMDT: 1

DATED: 10/27/2005

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

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

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDDC
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	374623.3715N
LTP/FTP LONGITUDE	0995819.2680W
LTP/FTP ELLIPSOIDAL HEIGHT	+07612
FPAP LATITUDE	374503.3095N
FPAP LONGITUDE	0995729.7240W
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	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

A226EF8F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07872
FPAP ORTHOMETRIC HEIGHT	+07872

QUALITY
16
CHECKED

CITY AND STATE

DODGE CITY, KS

ELEVATION: 2596

TDZE: 2586

AIRPORT NAME:

DODGE CITY RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, AMDT 1A

10 DECEMBER 2015

SUP:

AMDT: 1

DATED: 10/27/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC SUMMARY - KDDC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BOTDO	010	BOTDO	IF	FB										E A
BOTDO	020	MILCY	TF	FB	1.0	055.7						AA 04600		EE B
MILCY	010	MILCY	HF	FO		145.8			R			AA 04600		EE A
OKOLY	010	OKOLY	IF	FB										E A
OKOLY	020	MILCY	TF	FB	1.0	235.8						AA 04600		EE B
	010	MILCY	IF	FB								AA 04600		E I
	020	RAVEN	TF	FB	0.5	145.8						AA 04400		E F
	030	RW14	TF	FO	0.3	145.8		3.00				AT 02623		GY M
	040		CA	FB		145.8						AA 02836		M
	050	CORKU	DF	FO								AA 04600		EY
	060	CORKU	HM	FO		325.9			R			AA 04600		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BOTDO	N375430.25	W1001023.98
CORKU	N373534.57	W0995138.77
MILCY	N375643.18	W1000443.97
OKOLY	N375855.83	W0995903.62
RAVEN	N375119.47	W1000122.79

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW14	N374623.37	W0995819.27	02583	40.0

QUALITY
16
CHECKED

CITY AND STATE DODGE CITY, KS	ELEVATION: 2596 TDZE: 2586	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1A 10 DECEMBER 2015	SUP:
	AIRPORT NAME: DODGE CITY RGNL			AMDT: 1
				DATED: 10/27/2005

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW32					
COBVA (IAF)		CORKU (NOPT) (FB)		055.83 / 6.70				4600		CLIMB TO 4600 DIRECT MILCY AND HOLD.					
EYUDA (IAF)		CORKU (NOPT) (FB)		235.98 / 6.70				4600							
CORKU (IF/IAF)		CINOS (FB)		325.90 / 7.00				3900							
CINOS (FAF)		RW32 (MAP) (FO)		325.86 / 3.99											
RW32 (MAP)		2791 MSL		325.86						ADDITIONAL FLIGHT DATA: HOLD NW, RT, 145.76 INBOUND. CHART FAS OBST: 2655 TOWER 374536N/0995803W 2709 AAO 374145N/0995601W DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 0.91 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 81938 REFERENCE PATH ID: W32A CHART CIRCLING ICON. LTP HAE: 763.2 M					
2791 MSL		MILCY (FO)						4600							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 8E EPOCH YEAR: 1990					
2. HOLD SE CORKU, RT, 325.90 INBOUND, 4600 FT. IN LIEU OF PT (IAF)															
3. FAC: 325.86 FAF: CINOS DIST FAF TO MAP: 3.99 THLD: 3.99															
4. MIN. ALT: CORKU 4600, CINOS 3900															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 3900 GS ALT AT: CINOS 3900 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR															
8. MSA FROM: _____															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2791	3/4	200	2791	3/4	200	2791	3/4	200	2791	3/4	200			
LNAV/VNAV DA	2841	7/8	250	2841	7/8	250	2841	7/8	250	2841	7/8	250			
LNAV MDA	2920	1	329	2920	1	329	2920	1	329	2920	1	329			
CIRCLING	3040	1	444	3080	1	484	3320	2	724	3320	2 1/4	724			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GARDEN CITY ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F). (SEE FORM 8260-10)															
CITY AND STATE DODGE CITY, KS		ELEVATION: 2596 TDZE: 2591 AIRPORT NAME: DODGE CITY RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 10 DECEMBER 2015				SUP: AMDT: 1 DATED 09/28/2006			

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

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

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GARDEN CITY ALTIMETER SETTING: INCREASE

LPV DA TO 2919 FT AND ALL VISIBILITIES 3/8 MILES, LNAV/VNAV DA TO 2969 FT AND ALL VISIBILITIES 3/8 MILE;

INCREASE ALL MDA 140 FT AND LNAV VISIBILITY CAT C AND D 3/8 MILE AND CIRCLING VISIBILITY CAT C AND D 1/2 MILE.

TAA

	FROM	TO	ALT
1.	236/30 CW 056/30 (NOPT)	CORKU (IF/IAF) (FB)	4600
2.	056/30 CW 146/30	056/20 CW 146/20	4800
3.	056/20 CW 146/20	COBVA (IAF) (FB)	4600
4.	146/30 CW 236/30	EYUDA (IAF) (FB)	4600

QUALITY
16
CHECKED

CITY AND STATE

DODGE CITY, KS

ELEVATION: 2596

TDZE: 2591

AIRPORT NAME:

DODGE CITY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 2

10 DECEMBER 2015

SUP:

AMDT: 1

DATED: 09/28/2006

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDDC
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	374527.2125N
LTP/FTP LONGITUDE	0995744.5115W
LTP/FTP ELLIPSOIDAL HEIGHT	+07632
FPAP LATITUDE	374647.2750N
FPAP LONGITUDE	0995834.0610W
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	0824
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	030C71CD
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07893
FPAP ORTHOMETRIC HEIGHT	+07893

QUALITY
16
CHECKED

CITY AND STATE

DODGE CITY, KS

ELEVATION: 2596

TDZE: 2591

AIRPORT NAME:

DODGE CITY RGNL

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 2

10 DECEMBER 2015

SUP:

AMDT: 1

DATED: 09/28/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC SUMMARY - KDDC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
COBVA	010	COBVA	IF	FB										E A
COBVA	020	CORKU	TF	FB	1.0	055.8						AA 04600		EE B
CORKU	010	CORKU	HF	FO		325.9			R			AA 04600		EE A
EYUDA	010	EYUDA	IF	FB										E A
EYUDA	020	CORKU	TF	FB	1.0	236.0						AA 04600		EE B
	010	CORKU	IF	FB								AA 04600		E I
	020	CINOS	TF	FB	0.5	325.9						AA 03900		E F
	030	RW32	TF	FO	0.3	325.9		3.00				AT 02630		GY M
	040		CA	FB		325.9						AA 02791		M
	050	MILCY	DF	FO								AA 04600		EY
	060	MILCY	HM	FO		145.8			R			AA 04600		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CINOS	N374152.13	W0995531.56
COBVA	N373237.27	W0995912.70
CORKU	N373534.57	W0995138.77
EYUDA	N373831.38	W0994404.24
MILCY	N375643.18	W1000443.97

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW32	N374527.21	W0995744.51	02590	40

QUALITY
16
CHECKED

CITY AND STATE DODGE CITY, KS	ELEVATION: 2596 TDZE: 2591	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 10 DECEMBER 2015	SUP:
	AIRPORT NAME: DODGE CITY RGNL			AMDT: 1
				DATED: 09/28/2006

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33						Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.					
TERMINAL ROUTES												MISSED APPROACH					
FROM			TO			COURSE AND DISTANCE			ALTITUDE			LPV: DA LNAV/VNAV: DA LNAV: RW35					
IFI VORTAC			PENYN (FB)			024.67 / 10.90			3600			CLIMB TO 3000 DIRECT NIDME AND HOLD.					
PER VORTAC			KJACK (FO)			213.80 / 48.96			3600								
PENYN (IAF)			KJACK (NOPT) (FB)			024.74 / 10.00			3600								
WENDY (IAF)			KJACK (NOPT) (FB)			307.84 / 16.15			3600								
KJACK (IF/IAF)			JUPMI (FB)			355.00 / 9.30			3100								
JUPMI (FAF)			RW35 (MAP) (FO)			355.02 / 5.98						ADDITIONAL FLIGHT DATA: HOLD N, RT, 175.02 INBOUND. FAS OBST: 1330 AAO 361716N/0974812W CHART ALERT AREA A-562A. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.20 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 97413 REFERENCE PATH ID: W35A CHART CIRCLING ICON. LTP HAE: 318.7 M					
RW35 (MAP)			1347 MSL			355.02											
1347 MSL			NIDME (FO)						3000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												MAG VAR: 5E EPOCH YEAR: 2010					
2. HOLD S KJACK, RT, 355.00 INBOUND, 3600 FT. IN LIEU OF PT (IAF)																	
3. FAC: 355.02 FAF: JUPMI DIST FAF TO MAP: 5.98 THLD: 5.98																	
4. MIN. ALT: KJACK 3600, JUPMI 3100																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 3100 GS ALT AT: JUPMI OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 59.6 34:1 IS CLEAR																	
8. MSA FROM: RW35 3600																	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @									
CATEGORY =====>		A		B		C		D		E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1347	1/2	200	1347	1/2	200	1347	1/2	200	1347	1/2	200					
LNAV/VNAV DA	1397	1/2	250	1397	1/2	250	1397	1/2	250	1397	1/2	250					
LNAV MDA	1580	1/2	433	1580	1/2	433	1580	3/4	433	1580	3/4	433					
CIRCLING	1760	1	593	1760	1	593	1820	1 3/4	653	1880	2 1/4	713					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. @ CAT D 800-2 1/4 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE LPV DA TO 1445 FEET, LNAV/VNAV DA TO 1495 FEET, AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS (SEE FORM 8260-10)																	
CITY AND STATE ENID, OK			ELEVATION: 1167 TDZE: 1147 AIRPORT NAME: ENID WOODRING RGNL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 10 DECEMBER 2015					SUP: AMDT: DATED 03/06/2014				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33			Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
NOTES, (CONT.): VISIBILITY 1/8 MILE, LNAV CAT C/D VISIBILITY 1/4 MILE, AND CIRCLING CAT C/D VISIBILITY 1/2 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 3/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING GUTHRIE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GUTHRIE ALTIMETER SETTING. CHART NOTE: NIGHT LANDING: RWY 13 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PER VORTAC AIRWAY RADIALS 129 CW 274.					
CITY AND STATE ENID, OK	ELEVATION: 1167	TDZE: 1147	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 10 DECEMBER 2015	SUP: 4
	AIRPORT NAME: ENID WOODRING RGNL	AMDT: 03/06/2014			
	DATED: 03/06/2014				

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KWDG
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	362147.3900N
LTP/FTP LONGITUDE	0974727.9120W
LTP/FTP ELLIPSOIDAL HEIGHT	+03187
FPAP LATITUDE	362316.6135N
FPAP LONGITUDE	0974727.8740W
THRESHOLD CROSSING HEIGHT (TCH)	00059.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	69B87D3C
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03465
FPAP ORTHOMETRIC HEIGHT	+03465

CITY AND STATE

ENID, OK

ELEVATION: 1167

TDZE: 1147

AIRPORT NAME:

ENID WOODRING RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

10 DECEMBER 2015

SUP:

4

AMDT:

CORIG B

DATED:

03/06/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) 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.		
ARINC SUMMARY - KWDG														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
IFI	010	IFI	IF	FB										V
IFI	020	PENYN	TF	FB	2.0	024.7						AA 03600		E A
IFI	030	KJACK	TF	FB	1.0	024.7						AA 03600		EE B
PER	010	PER	IF	FB										V
PER	020	KJACK	TF	FO	2.0	213.8						AA 03600		EY
PER	030	KJACK	HF	FO		355.0			R			AA 03600		EE A
WENDY	010	WENDY	IF	FB										E A
WENDY	020	KJACK	TF	FB	1.0	307.8						AA 03600		EE B
	010	KJACK	IF	FB								AA 03600		E I
	020	JUPMI	TF	FB	0.5	355.0				RW35		AA 03100		E F
	030	RW35	TF	FO	0.3	355.0		3.00				AT 01197		GY M
	040		CA	FB		355.0						AA 01347		M
	050	NIDME	DF	FO								AA 03000		EY
	060	NIDME	HM	FO		175.0			R			AA 03000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
IFI			N354818.96			W0980014.10								
PER			N364447.51			W0970936.56								
JUPMI			N361548.27			W0974728.07								
KJACK			N360629.23			W0974728.10								
NIDME			N363408.02			W0974727.59								
PENYN			N355747.66			W0975335.42								
WENDY			N355530.11			W0973251.06								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW35		N362147.39		W0974727.91		01137		60						

CITY AND STATE ENID, OK	ELEVATION: 1167	TDZE: 1147	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ENID WOODRING RGNL		RNAV	RNAV (GPS) RWY 35, AMDT 1 10 DECEMBER 2015	AMDT:
				DATED: 03/06/2014	

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
ENID, OK	ENID WOODRING RGNL	10 DECEMBER 2015	4

TAKEOFF MINIMUMS:

STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13: TREES BEGINNING 107 FEET FROM DER, 182 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/1269 FEET MSL. TREES BEGINNING 840 FEET FROM DER, 248 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/1289 FEET MSL.

NOTE: RWY 31: VEHICLE ON ROAD 21 FEET FROM DER, 415 FEET RIGHT OF CENTERLINE, 15 FEET AGL/1171 FEET MSL. VEHICLE ON ROAD 417 FEET FROM DER, 85 FEET LEFT OF CENTERLINE, 15 FEET AGL/1174 FEET MSL.

NOTE RWY 35: FENCE 205 FEET FROM DER, 489 FEET RIGHT OF CENTERLINE, 7 FEET AGL/1175 FEET MSL. VEHICLE ON ROAD BEGINNING 293 FEET FROM DER, 209 FEET RIGHT OF CENTERLINE, 15 FEET AGL/1187 FEET MSL. TRAIN ON RAILROAD TRACKS BEGINNING 369 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, 23 FEET AGL/1190 FEET MSL. TREES BEGINNING 336 FEET FROM DER, 95 FEET RIGHT OF CENTERLINE, 24 FEET AGL/1191 FEET MSL.

CONTROLLING OBSTACLES:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
ENID, OK	ENID WOODRING RGNL	10 DECEMBER 2015	4

REMARKS:

RWY 35 END EXTENDED SOUTH 2364 FEET.

FLIGHT INSPECTED BY:

ROBIN CAUDLE

FICO

Digitally signed by
JACOB POWERS
Sep 29, 2015

09/14/2015

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

RALPH DUMAR

Digitally signed by
RALPH DUMAR
Aug 06, 2015

AJV-354

07/09/2015

APPROVED BY:

GEORGE GONZALES

AJV-353

Digitally signed by
JACOB POWERS
Sep 29, 2015

COORDINATED WITH:

Sep 29, 2015

ALPA, AOPA, NBAA, ARPT MGR, WDG ATCT, ZKC, VANCE APP CON

CHANGES:

1. UPDATED CLOSE-IN OBSTACLES.

REASONS:

1. RWY 35 END EXTENDED SOUTH 2364 FEET.



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE			ALTITUDE		MAP: ODG VOR/DME								
ANY VORTAC			ODG VOR/DME			151.48 / 50.54			3000		CLIMB TO 3000 THEN RIGHT TURN DIRECT ODG VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.00 INBOUND. FAS OBST: 1380 AAO 361332N/0975138W CHART ALERT AREA A-562A. CHART VDP AT 2.15 DME DISTANCE VDP TO THLD 1.51 MILES. CHART CIRCLING ICON. FAC 261R OF RWY C/L EXTENDED 3000 FROM THLD.								
IFI VORTAC			ODG VOR/DME			008.06 / 35.64			3000										
IRW VORTAC			ODG VOR/DME			344.89 / 61.44			3600										
PER VORTAC			ODG VOR/DME			227.84 / 37.69			3000										
1. PT <u>L</u> SIDE OF COURSE <u>177.00</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>ODG VOR/DME</u> (IAF)										MAG VAR: 8E EPOCH YEAR:1980									
2. _____																			
3. FAC <u>357.00</u> FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: <u>ODG VOR/DME 090-270 3600, 270-090 3200</u>																			
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @											
CATEGORY =====>		A		B		C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-35	1680	1/2	533	1680	1/2	533	1680	1	533	1680	1	533							
CIRCLING	1760	1	593	1760	1	593	1820	1 3/4	653	1880	2 1/4	713							
NOTES:																			
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-35 CAT C/D VISIBILITY 3/8 MILE, AND CIRCLING CAT C/D VISIBILITY 1/2 MILE. CHART NOTE: VDP NA WHEN USING GUTHRIE ALTIMETER SETTING. CHART NOTE: NIGHT LANDING: RWY 13 NA. (SEE FORM 8260-10)										@ NA WHEN LOCAL WEATHER NOT AVAILABLE. @ CAT D 800-2 1/4									
CITY AND STATE ENID, OK			ELEVATION: 1167 TDZE: 1147 AIRPORT NAME: ENID WOODRING RGNL			FACILITY IDENTIFIER: ODG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 35, AMDT 15 10 DECEMBER 2015				SUP AMDT DATE		14 07/02/2009					

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

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

NOTES, (CONT.):

CHART NOTE: FOR INOP MALSR WHEN USING GUTHRIE ALTIMETER SETTING INCREASE S-35 CAT C/D VISIBILITY TO 1 3/4 MILES.

CITY AND STATE

ENID, OK

ELEVATION: 1167

TDZE: 1147

AIRPORT NAME:

ENID WOODRING RGNL

FACILITY
IDENTIFIER:

ODG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 35, AMDT 15

10 DECEMBER 2015

SUP:

AMDT:

DATED: 07/02/2009

QUALITY
4
CHECKED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LP: RW04 LNAV: RW04					
CAVTO (IF/IAF)		FELIV (FB)		046.31 / 6.10				2100		CLIMB TO 3000 DIRECT FASKA AND HOLD.					
FELIV (FAF)		XEFV//2.70 NM TO RW04 (FB)		046.36 / 2.49											
XEFV//2.70 NM TO RW04		RW04 (MAP) (FO)		046.36 / 2.70											
RW04 (MAP)		780 MSL		046.36											
780 MSL		FASKA (FO)						3000		ADDITIONAL FLIGHT DATA: HOLD NE, RT, 226.50 INBOUND. CHART FAS OBST: 519 TREE 354817N/0885246W CHART FAS OBST: 488 TREE 354754N/0885258W WAAS CHANNEL # 78038 REFERENCE PATH ID: W04A FELIV TO RW04: 3.00/40. CHART CIRCLING ICON. CHART JACKSON ASOS. LTP HAE: 95.8 M					
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										MAG VAR: 2W EPOCH YEAR: 2020					
2. HOLD SW CAVTO, RT, 046.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF)															
3. FAC: 046.36 FAF: FELIV DIST FAF TO MAP: 5.19 THLD: 5.19															
4. MIN. ALT: CAVTO 3000, FELIV 2100, XEFV//2.70 NM TO RW04 1300															
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:															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A X											
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	780	1	360	780	1	360	780	1	360	780	1	360			
LNAV MDA	800	1	380	800	1	380	800	1	380	800	1	380			
CIRCLING	900	1	479	920	1	499	1120	2	699	1120	2 1/4	699			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE} / TCH {FEET}). (SEE FORM 8260-10)															
CITY AND STATE HUMBOLDT, TN		ELEVATION: 421 TDZE: 420 AIRPORT NAME: HUMBOLDT MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 10 DECEMBER 2015				SUP: AMDT: NONE DATED					



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

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

NOTES, (CONT.):

CHART NOTE: USE JACKSON ALTIMETER SETTING, WHEN NOT RECEIVED, USE DYERSBURG ALTIMETER SETTING:
INCREASE ALL MDA 60 FEET; INCREASE LP CATS C/D VISIBILITY 1/8 MILE; INCREASE LNAV CATS C/D AND
CIRCLING CATS C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	316/30 CW 136/30 (NOPT)	CAVTO (IF/IAF) (FB)	3000
2.	136/30 CW 316/30	CAVTO (IF/IAF) (FO)	3000

CITY AND STATE

HUMBOLDT, TN

ELEVATION: 421

TDZE: 420

AIRPORT NAME:

HUMBOLDT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

10 DECEMBER 2015

SUP:

AMDT:

DATED:

QUALITY
10
CHECKED

NONE

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M53
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	354753.7175N
LTP/FTP LONGITUDE	0885246.7670W
LTP/FTP ELLIPSOIDAL HEIGHT	+00958
FPAP LATITUDE	354857.4650N
FPAP LONGITUDE	0885130.1160W
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)	0.0
 <u>CRC REMAINDER</u>	 B2001EE5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01241
FPAP ORTHOMETRIC HEIGHT	+01241

CITY AND STATE
HUMBOLDT, TN

ELEVATION: 421 TDZE: 420
AIRPORT NAME:
HUMBOLDT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, ORIG
10 DECEMBER 2015

SUP:
AMDT: NONE
DATED:

QUALITY
10
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC SUMMARY - M53

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
CAVTO	010	CAVTO	HF	FO		046.3			R			AA 03000		EE A
	010	CAVTO	IF	FB								AA 03000		E I
	020	FELIV	TF	FB	0.5	046.3						AA 02100		E F
	021	XEFVI	TF	FB	0.3	046.4		3.00				AA 01300 GS 01307		E S
	030	RW04	TF	FO	0.3	046.4		3.00				AT 00447		GY M
	040		CA	FB		046.4						AA 00780		M
	050	FASKA	DF	FO								AA 03000		EY
	060	FASKA	HM	FO		226.5		R				AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CAVTO	N353948.62	W0890228.42
FASKA	N355622.79	W0884233.13
FELIV	N354410.80	W0885714.41
XEFVI	N354557.78	W0885506.05

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW04	N354753.72	W0885246.77	00407	40

CITY AND STATE HUMBOLDT, TN	ELEVATION: 421 TDZE: 420	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: HUMBOLDT MUNI	RNAV	RNAV (GPS) RWY 4, ORIG 10 DECEMBER 2015	AMDT: NONE
				DATED:



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW22						
FASKA (IF/IAF)		WOKMU (FB)		226.50 / 6.10				2100		CLIMB TO 3000 DIRECT CAVTO AND HOLD.						
WOKMU (FAF)		XITRY/2.60 NM TO RW22 (FB)		226.45 / 2.51												
XITRY/2.60 NM TO RW22		RW22 (MAP) (FO)		226.45 / 2.60												
RW22 (MAP)		701 MSL		226.45												
701 MSL		CAVTO (FO)						3000		ADDITIONAL FLIGHT DATA: HOLD SW, RT, 046.31 INBOUND. CHART FAS OBST: 523 TREE 354808N/0885219W CHART: 572 TREE 354959N/0884914W DISTANCE TO THLD FROM 280 HAT: 0.72 NM. WAAS CHANNEL # 40138 REFERENCE PATH ID: W22A CHART CIRCLING ICON. CHART JACKSON ASOS. LTP HAE: 100.1 M						
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)										MAG VAR: 2W EPOCH YEAR: 2020						
2. HOLD NE FASKA, RT, 226.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																
3. FAC: 226.45 FAF: WOKMU DIST FAF TO MAP: 5.11 THLD: 5.11																
4. MIN. ALT: FASKA 3000, WOKMU 2100, XITRY/2.60 NM TO RW22 1300*																
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____																
6. MIN GS INCPT: 2100 GS ALT AT: WOKMU 2100 OM: ____ MM: ____ IM: ____																
7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS NOT CLEAR																
8. MSA FROM: ____																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		X							
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	701	1	280	701	1	280	701	1	280	701	1	280				
LNAV/VNAV DA	770	1 1/8	349	770	1 1/8	349	770	1 1/8	349	770	1 1/8	349				
LNAV MDA	820	1	399	820	1	399	820	1 1/8	399	820	1 1/8	399				
CIRCLING	900	1	479	920	1	499	1120	2	699	1120	2 1/4	699				
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)																
CITY AND STATE HUMBOLDT, TN		ELEVATION: 421 TDZE: 421 AIRPORT NAME: HUMBOLDT MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 10 DECEMBER 2015				SUP: AMDT: NONE DATED				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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

NOTES, (CONT.):

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

CHART NOTE: USE JACKSON ALTIMETER SETTING, WHEN NOT RECEIVED, USE DYERSBURG ALTIMETER SETTING:

INCREASE LPV ALL CATS DA TO 749 AND ALL CATS VISIBILITY 1/8 MILE; INCREASE LNAV/VNAV ALL CATS DA TO 817 AND ALL CATS VISIBILITY 1/8 MILE; INCREASE ALL MDA 60 FEET AND LNAV CATS C/D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT (VGSi ANGLE {ANGLE} / TCH {FEET}).

TAA

	FROM	TO	ALT
1.	137/30 CW 317/30 (NOPT)	FASKA (IF/IAF) (FB)	3000
2.	317/30 CW 137/30	FASKA (IF/IAF) (FO)	3000

CITY AND STATE
HUMBOLDT, TN

ELEVATION: 421 TDZE: 421
AIRPORT NAME:
HUMBOLDT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG
10 DECEMBER 2015

SUP: 
AMDT: NONE
DATED:

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M53
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	354822.0010N
LTP/FTP LONGITUDE	0885212.7600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01001
FPAP LATITUDE	354718.2520N
FPAP LONGITUDE	0885329.3990W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	B71B0957

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01284
FPAP ORTHOMETRIC HEIGHT	+01284

CITY AND STATE
HUMBOLDT, TN

ELEVATION: 421 TDZE: 421
AIRPORT NAME:
HUMBOLDT MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG
10 DECEMBER 2015

SUP:
AMDT: NONE
DATED:

QUALITY
10
CHECKED

ARINC SUMMARY - M53

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
FASKA	010	FASKA	HF	FO		226.5			R			AA 03000		EE A
	010	FASKA	IF	FB								AA 03000		E I
	020	WOKMU	TF	FB	0.5	226.5						AA 02100		E F
	021	XITRY	TF	FB	0.3	226.5		3.00				AA 01300 GS 01300		E S
	030	RW22	TF	FO	0.3	226.5		3.00				AT 00472		GY M
	040		CA	FB		226.5						AA 00701		M
	050	CAVTO	DF	FO								AA 03000		EY
	060	CAVTO	HM	FO		046.3			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CAVTO	N353948.62	W0890228.42
FASKA	N355622.79	W0884233.13
WOKMU	N355201.33	W0884748.70
XITRY	N355013.58	W0884958.49

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW22	N354822.00	W0885212.76	00421	51

CITY AND STATE HUMBOLDT, TN	ELEVATION: 421	TDZE: 421	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: HUMBOLDT MUNI		RNAV	RNAV (GPS) RWY 22, ORIG 10 DECEMBER 2015	AMDT: NONE
					DATED:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
HUMBOLDT, TN	HUMBOLDT MUNI	10 DECEMBER 2015	1

TAKEOFF MINIMUMS:

STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, AIRPORT LIGHT 11 FT FROM DER, 76 FT RIGHT OF CENTERLINE, 2 FT AGL/422 FT MSL. TREES BEGINNING 17 FT FROM DER, 218 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/494 FT MSL. TREES BEGINNING 66 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/476 FT MSL. TREES BEGINNING 802 FT FROM DER, 323 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/485 FT MSL. TREES BEGINNING 984 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/503 FT MSL. TREES BEGINNING 1080 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/505 FT MSL.

NOTE: RWY 22, TRANSMISSION TOWER AND TREES BEGINNING 61 FT FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/483 FT MSL. POLE AND VEHICLES ON ROAD BEGINNING 80 FT FROM DER, 245 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/437 FT MSL. TREES BEGINNING 442 FT FROM DER, 366 FT RIGHT OF CENTERLINE, UP TO 82 FT AGL/481 FT MSL. TRANSMISSION TOWER AND TREES BEGINNING 493 FT FROM DER, 127 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/481 FT MSL. TREES BEGINNING 1396 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/474 FT MSL. TREES BEGINNING 1809 FT FROM DER, 264 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/474 FT MSL.

CONTROLLING OBSTACLES:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
HUMBOLDT, TN	HUMBOLDT MUNI	10 DECEMBER 2015	1

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

JAMES L REINEBOLD *Digitally signed by* FICO 09/22/2015
JULIE A MORGAN

ROUTINE

DEVELOPED BY:

Sep 27, 2015
Digitally signed by
PETER GUIMOND **PETER R GUIMOND** AJV-5413 06/27/2015
Jun 27, 2015

APPROVED BY:

Digitally signed by
ADOLFO URRUTIA **JULIE A MORGAN** AJV-5410
Sep 27, 2015

COORDINATED WITH:

ALPA, AOPA, NBAA, ZME, AMGR.

CHANGES:

1. AMENDED RWY 4 TAKEOFF MINIMUMS FROM 300-1 TO STANDARD.
2. AMENDED RWY 22 TAKEOFF MINIMUMS FROM 200-1 TO STANDARD.
3. ADDED TAKEOFF OBSTACLE NOTES FOR RWY 4 AND 22.

REASONS:

1. NEW OBSTACLE STUDY. AIRPORT OBSTACLE SURVEY UPDATED SINCE LAST AMENDMENT.
2. NEW OBSTACLE STUDY. AIRPORT OBSTACLE SURVEY UPDATED SINCE LAST AMENDMENT.
3. ADDED AND FORMATTED IN ACCORDANCE WITH CURRENT DOCUMENTATION POLICY.



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE									
													ADDITIONAL FLIGHT DATA:						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																			
2. _____																			
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: _____										MAG VAR: _____					EPOCH YEAR: _____				
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A									
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
NOTES:																			
PROCEDURE CANCELED EFFECTIVE 10 DECEMBER 2015																			
CITY AND STATE HUMBOLDT, TN				ELEVATION: 421 AIRPORT NAME: HUMBOLDT MUNI			TDZE:		FACILITY IDENTIFIER: DYR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME-A, AMDT 5A, 10/17/2013					SUP AMDT 5 DATE 03/20/2003			



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		LPV: DA LNAV/VNAV: DA LNAV: RW16R CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OBLON AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.08 INBOUND. CHART FAS OBST: 855 BLD 330004N/0971856W DISTANCE TO THLD FROM 250 HAT: 0.61 NM. CHART VDP AT 1.11 MILES TO RW16R* *LNAV ONLY. WAAS CHANNEL # 99338 REFERENCE PATH ID: W16A CHART CIRCLING ICON. LTP HAE: 189.1 M						
MQP VORTAC		PULSE (FB)		035.98 / 34.44			4000								
UKW VORTAC		FUNGO (FB)		127.41 / 23.81			4000								
PULSE (IAF)		KEENE (FB)		076.08 / 10.00			3000								
FUNGO (IAF)		KEENE (FB)		127.61 / 7.00			3000								
KEENE (IF)		ROMPS (FB)		166.19 / 7.00			2400								
ROMPS (FAF)		DHOBII/2.00 NM TO RW16R (FB)		166.20 / 3.13											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KEENE 3. FAC: 166.20 FAF: ROMPS DIST FAF TO MAP: 5.13 THLD: 5.13 4. MIN. ALT: KEENE 3000, ROMPS 2400, DHOBII/2.00 NM TO RW16R 1400* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: ROMPS 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR 8. MSA FROM: RW16R 4000															
										MAG VAR: 4E			EPOCH YEAR: 2015		
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A		STANDARD @						
CATEGORY =====>		A		B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	962	3/4	250	962	3/4	250	962	3/4	250	962	3/4	250	962	3/4	250
LNAV/VNAV DA	1017	1	305	1017	1	305	1017	1	305	1017	1	305	1017	1	305
LNAV MDA	1120	1	408	1120	1	408	1120	1 1/8	408	1120	1 1/8	408	1120	1 1/8	408
CIRCLING	1200	1	477	1320	1	597	1360	1 3/4	637	1380	2	657	1380	2 1/4	657
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C @ CAT E 800-2 1/4 (130F). CHART NOTE: CIRCLING NA EAST OF RWY 16L-34R. CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 723 TDZE: 712		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
FORT WORTH, TX		AIRPORT NAME: FORT WORTH ALLIANCE				RNAV (GPS) RWY 16R, ORIG 10 DECEMBER 2015				AMDT: NONE					



US 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 - TITLE 14 CFR PART 97.33																				
TERMINAL ROUTES, (CONT.):																				
<table><tr><td>FROM</td><td>TO</td><td>COURSE AND DISTANCE</td><td>ALTITUDE</td></tr><tr><td>DHOB/2.00 NM TO RW16R</td><td>RW16R (MAP) (FO)</td><td>166.20 / 2.00</td><td></td></tr><tr><td>RW16R (MAP)</td><td>1200 MSL</td><td>166.20</td><td>1200</td></tr><tr><td>1200 MSL</td><td>OBLON (FO)</td><td></td><td>3000</td></tr></table>					FROM	TO	COURSE AND DISTANCE	ALTITUDE	DHOB/2.00 NM TO RW16R	RW16R (MAP) (FO)	166.20 / 2.00		RW16R (MAP)	1200 MSL	166.20	1200	1200 MSL	OBLON (FO)		3000
FROM	TO	COURSE AND DISTANCE	ALTITUDE																	
DHOB/2.00 NM TO RW16R	RW16R (MAP) (FO)	166.20 / 2.00																		
RW16R (MAP)	1200 MSL	166.20	1200																	
1200 MSL	OBLON (FO)		3000																	
NOTES, (CONT.): CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MQP VORTAC ON V568 SOUTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON UKW VORTAC AIRWAY RADIALS 065 CW 083.																				
QUALITY 14 CHECKED																				
CITY AND STATE FORT WORTH, TX	ELEVATION: 723 AIRPORT NAME: FORT WORTH ALLIANCE	TDZE: 712	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16R, ORIG 10 DECEMBER 2015																
				SUP:																
				AMDT: NONE																
				DATED:																

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAFW
RUNWAY	RW16R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	325942.5420N
LTP/FTP LONGITUDE	0971917.0715W
LTP/FTP ELLIPSOIDAL HEIGHT	+01891
FPAP LATITUDE	325814.5690N
FPAP LONGITUDE	0971859.0635W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	5B12A035
----------------------	----------

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02168
FPAP ORTHOMETRIC HEIGHT	+02168

QUALITY
14
CHECKED

CITY AND STATE

FORT WORTH, TX

ELEVATION: 723

TDZE: 712

AIRPORT NAME:

FORT WORTH ALLIANCE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16R, ORIG

10 DECEMBER 2015

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (GPS) 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.		
ARINC SUMMARY - KAFW														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
MQP	010	MQP	IF	FB										V
MQP	020	PULSE	TF	FB	2.0	036.0						AA 04000		E A
MQP	030	KEENE	TF	FB	1.0	076.1						AA 03000		EE B
UKW	010	UKW	IF	FB										V
UKW	020	FUNGO	TF	FB	2.0	127.4						AA 04000		E A
UKW	030	KEENE	TF	FB	1.0	127.6						AA 03000		EE B
	010	KEENE	IF	FB								AA 03000		E I
	020	ROMPS	TF	FB	0.5	166.2				RW16R		AA 02400		E F
	021	DHOB1	TF	FB	0.3	166.2		3.00				AA 01400 GS 01403		E S
	030	RW16R	TF	FO	0.3	166.2		3.00				AT 00766		GY M
	040		CA	FB		166.2						AA 01200		M
	050	OBLON	DF	FO					R			AA 03000		EY
	060	OBLON	HM	FO		122.1			R			AA 03000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
MQP			N324334.25			W0975950.79								
UKW			N333209.19			W0974916.60								
DHOB1			N330141.02			W0971941.34								
FUNGO			N331620.67			W0972758.78								
KEENE			N331141.09			W0972144.55								
OBLON			N330829.60			W0973257.21								
PULSE			N330958.11			W0973328.87								
ROMPS			N330446.42			W0972019.36								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW16R		N325942.54		W0971917.07		00711		55						

QUALITY
14
CHECKED

CITY AND STATE FORT WORTH, TX	ELEVATION: 723 TDZE: 712 AIRPORT NAME: FORT WORTH ALLIANCE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 16R, ORIG 10 DECEMBER 2015	SUP: AMDT: NONE DATED:
---	---	--	---	---

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 5.41 MILES AFTER TIFUL INT/I-BNT 7.18 DME/RADAR OR AT I-BNT 1.77 DME FIX						
TUKTE/I-BNT 32.77 DME/RADAR (IAF)		UDUZU/I-BNT 21.77 DME/RADAR		167.99 / 10.99 (I-BNT)				11000		CLIMB TO 5800 THEN CLIMBING LEFT TURN TO 10000 DIRECT FFU VORTAC AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 11000 ON TCH VORTAC R-161 TO JAURN INT/TCH VORTAC 22.22 DME AND ON PVU VOR/DME R-311 TO PVU VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 340.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW PVU VOR/DME, RT, 131.07 INBOUND. CHART FAS OBST: 4444 TOWER 405107N/1115805W CHART VDP AT 3.03 DME* DISTANCE VDP TO THLD 1.26 MILES. *LOC ONLY. CHART IN PLANVIEW: PVU VOR/DME. CHART MANDATORY 12000 AT WEBER.						
WEBER (IAF)		GORPS (FB)		149.19 / 5.74				11200								
GORPS		UDUZU (FB)		149.21 / 6.00				11000								
OGD VORTAC (IAF)		UDUZU/I-BNT 21.77 DME/RADAR		117.63 / 8.26				11000								
UDUZU/I-BNT 21.77 DME/RADAR (SEE FORM 8260-10)		IVOCY/I-BNT 16.61 DME/RADAR		167.99 / 5.17 (I-BNT)				9000								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 12E EPOCH YEAR: 2010						
2. PROFILE STARTS AT UDUZU/I-BNT 21.77 DME/RADAR																
3. FAC: 167.99 FAF: TIFUL INT/I-BNT 7.18 DME/RADAR DIST FAF TO MAP: 5.41 THLD: 5.41																
4. MIN. ALT: UDUZU 11000, IVOCY 9000, PRYES 7500, TIFUL 6000																
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: 1759 100 HAT: 805 GS ANT: 1049																
6. MIN GS INCPT: 6000 GS ALT AT: TIFUL 6000 OM: - MM: - IM: -																
7. GS ANGLE: 3.00 TCH: 55.1																
8. MSA FROM: TCH VORTAC 050-230 12700, 230-320 8600, 320-050 11000																
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD		LOC: STANDARD								
CATEGORY =====>		A		B		C		D		E						
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17		4419	1800	200	4419	1800	200	4419	1800	200	4419	1800	200	4419	1800	200
S-LOC 17		4700	2400	481	4700	2400	481	4700	5000	481	4700	5000	481	4700	5000	481
NOTES: SA CATEGORY I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 17: CAT A, B, C, D, RA 149, RVR 1400, HAT 150, DA 4369 MSL. SA CATEGORY II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 17: CAT A, B, C, D, RA 99, RVR 1200, HAT 100, DA 4319 MSL. (SEE FORM 8260-10)																
CITY AND STATE SALT LAKE CITY, UT		ELEVATION: 4227 TDZE: 4219 AIRPORT NAME: SALT LAKE CITY INTL				FACILITY IDENTIFIER: I-BNT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 17, AMDT 14 ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II) 10 DECEMBER 2015						SUP: AMDT: 13A DATED 03/08/2012		

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IVOCY/I-BNT 16.61 DME/RADAR (IF)	PRYES/I-BNT 11.89 DME/RADAR	167.99 / 4.72 (I-BNT)	7500
PRYES/I-BNT 11.89 DME/RADAR	TIFUL INT/I-BNT 7.18 DME/RADAR	167.99 / 4.71 (I-BNT)	6000

SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

QUALITY
25
CHECKED

DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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

ARINC SUMMARY - KSLC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
OGD	010	OGD	IF	FB										V A
OGD	020	UDUZU	TF	FB								AA 11000		E
OGD	030	IVOCY	TF	FB								AA 09000		E B
OGD	040	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
TUKTE	010	TUKTE	IF	FB										E A
TUKTE	020	UDUZU	TF	FB								AA 11000		E
TUKTE	030	IVOCY	TF	FB								AA 09000		E B
TUKTE	040	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
WEBER	010	WEBER	IF	FB								AT 12000		E A
WEBER	020	GORPS	TF	FB								AA 11200		E
WEBER	030	UDUZU	TF	FB								AA 11000		E
WEBER	040	IVOCY	TF	FB								AA 09000		E B
WEBER	050	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
	010	PRYES	IF	FB			IBNT					AA 07500 GI 06000		E I
	020	TIFUL	CF	FB		168.0	IBNT	3.00		TCH		GI 06000 GS 06000		E F
	030	RW17	CF	FO		168.0	IBNT	3.00				AT 04277		GY M
	040		CA	FB		168.0						AA 05800		M
	050	FFU	DF	FO								AA 10000		VY
	060	FFU	HM	FO		340.0			R			AA 10000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FFU	N401629.62	W1115625.91
OGD	N411326.75	W1120553.67
TCH	N405100.90	W1115854.89
IBNT (DME)	N404610.06	W1115746.86
GORPS	N411342.05	W1120001.36
IVOCY	N410247.04	W1115743.66
PRYES	N405803.67	W1115743.60
TIFUL	N405320.91	W1115743.53
TUKTE	N411857.19	W1115743.89
UDUZU	N410757.18	W1115743.73
WEBER	N411911.85	W1120213.36
IBNT (LOC)	N404610.06	W1115743.44

RUNWAYS

QUALITY
12
CHECKED

CITY AND STATE SALT LAKE CITY, UT	ELEVATION: 4227	TDZE: 4219	FACILITY IDENTIFIER: I-BNT	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 17, AMDT 14 ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II) 10 DECEMBER 2015	SUP:
	AIRPORT NAME: SALT LAKE CITY INTL			AMDT: 13A	
				DATED: 03/08/2012	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29

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

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N404756.10	W1115743.46	04222	55.1

QUALITY
12
CHECKED

CITY AND STATE
SALT LAKE CITY, UT

ELEVATION: 4227 TDZE: 4219
AIRPORT NAME:
SALT LAKE CITY INTL

FACILITY
IDENTIFIER:

I-BNT

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 14
ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II)
10 DECEMBER 2015

SUP:
AMDT: 13A
DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

ARINC SUMMARY - KSLC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
OGD	010	OGD	IF	FB										V A
OGD	020	UDUZU	TF	FB								AA 11000		E
OGD	030	IVOCY	TF	FB								AA 09000		E B
OGD	040	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
TUKTE	010	TUKTE	IF	FB										E A
TUKTE	020	UDUZU	TF	FB								AA 11000		E
TUKTE	030	IVOCY	TF	FB								AA 09000		E B
TUKTE	040	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
WEBER	010	WEBER	IF	FB								AT 12000		E A
WEBER	020	GORPS	TF	FB								AA 11200		E
WEBER	030	UDUZU	TF	FB								AA 11000		E
WEBER	040	IVOCY	TF	FB								AA 09000		E B
WEBER	050	PRYES	CF	FB		168.0	IBNT					AA 07500		EE
	010	PRYES	IF	FB			IBNT					AA 07500		E I
	020	TIFUL	CF	FB		168.0	IBNT			TCH		AA 06000		E F
	030	RW17	CF	FO		168.0	IBNT	3.01				AT 04277		GY M
	040		CA	FB		168.0						AA 05800		M
	050	FFU	DF	FO								AA 10000		VY
	060	FFU	HM	FO		340.0			R			AA 10000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FFU	N401629.62	W1115625.91
OGD	N411326.75	W1120553.67
TCH	N405100.90	W1115854.89
IBNT (DME)	N404610.06	W1115746.86
GORPS	N411342.05	W1120001.36
IVOCY	N410247.04	W1115743.66
PRYES	N405803.67	W1115743.60
TIFUL	N405320.91	W1115743.53
TUKTE	N411857.19	W1115743.89
UDUZU	N410757.18	W1115743.73
WEBER	N411911.85	W1120213.36
IBNT (LOC)	N404610.06	W1115743.44

RUNWAYS

QUALITY
12
CHECKED

CITY AND STATE SALT LAKE CITY, UT	ELEVATION: 4227	TDZE: 4219	FACILITY IDENTIFIER: I-BNT	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 17, AMDT 14 ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II) 10 DECEMBER 2015	SUP:
	AIRPORT NAME: SALT LAKE CITY INTL				AMDT: 13A
					DATED: 03/08/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25

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

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N404756.10	W1115743.46	04222	55.1

QUALITY
12
CHECKED

CITY AND STATE
SALT LAKE CITY, UT

ELEVATION: 4227 TDZE: 4219
AIRPORT NAME:
SALT LAKE CITY INTL

FACILITY
IDENTIFIER:

I-BNT

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 14
ILS RWY 17 (SA CAT I), ILS RWY 17 (SA CAT II)
10 DECEMBER 2015

SUP:
AMDT: 13A
DATED: 03/08/2012

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		LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 4700 THEN CLIMBING LEFT TURN TO 10000 DIRECT FFU VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 340.00 INBOUND. CHART FAS OBST: 4444 TOWER 405107N/1115805W CHART: 4541 TOWER 405328N/1115633W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.26 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 82338 REFERENCE PATH ID: W17A CHART MANDATORY 12000 AT WEBER. LTP HAE: 1269.8 M								
OGD VORTAC (IAF)	UDUZU (FB)			117.63 / 8.26			11000										
WEBER (IAF)	GORPS (FB)			149.19 / 5.74			11200										
GORPS	UDUZU (FB)			149.21 / 6.00			11000										
TUKTE (IAF)	UDUZU (FB)			165.99 / 10.99			11000										
UDUZU	IVOCY (FB)			165.99 / 5.17			9000										
IVOCY (IF)	PRYES (FB)			165.99 / 4.72			7500										
PRYES	TIFUL (FB)			165.99 / 4.71			6000										
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT UDUZU 3. FAC: 165.99 FAF: TIFUL DIST FAF TO MAP: 5.41 THLD: 5.41 4. MIN. ALT: UDUZU 11000, IVOCY 9000, PRYES 7500, TIFUL 6000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6000 GS ALT AT: TIFUL 6000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR 8. MSA FROM: RW17 13000										MAG VAR: 14E EPOCH YEAR: 1995							
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD							
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	4419	2400	200	4419	2400	200	4419	2400	200	4419	2400	200	4419	2400	200		
LNAV/VNAV DA	4571	3000	352	4571	3000	352	4571	3000	352	4571	3000	352	4571	3000	352		
LNAV MDA	4700	2400	481	4700	2400	481	4700	5000	481	4700	5000	481	4700	5000	481		
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 49C (121F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OGD VORTAC AIRWAY RADIALS 068 CW 153. (SEE FORM 8260-10)																	
CITY AND STATE				ELEVATION: 4227 TDZE: 4219				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
SALT LAKE CITY, UT				AIRPORT NAME:								RNAV (GPS) RWY 17, AMDT 2				AMDT: 1	
				SALT LAKE CITY INTL								10 DECEMBER 2015				DATED 01/13/2011	



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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TIFUL (FAF)	RW17 (MAP) (FO)	165.99 / 5.41	
RW17 (MAP)	4700 MSL	165.99	4700
4700 MSL	FFU VORTAC (FO)		10000

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 6000, AND LNAV CAT C/D/E VISIBILITY TO 1 3/8 MILE.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

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

QUALITY
25
CHECKED

CITY AND STATE

SALT LAKE CITY, UT

ELEVATION: 4227

TDZE: 4219

AIRPORT NAME:

SALT LAKE CITY INTL

 FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 2

10 DECEMBER 2015

SUP:

AMDT: 1

DATED: 01/13/2011

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSLC
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	404756.0980N
LTP/FTP LONGITUDE	1115743.4550W
LTP/FTP ELLIPSOIDAL HEIGHT	+12698
FPAP LATITUDE	404621.2940N
FPAP LONGITUDE	1115743.4410W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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
 <u>CRC REMAINDER</u>	 42F176A0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12868
FPAP ORTHOMETRIC HEIGHT	+12868

QUALITY
25
CHECKED

CITY AND STATE SALT LAKE CITY, UT	ELEVATION: 4227 TDZE: 4219 AIRPORT NAME: SALT LAKE CITY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 10 DECEMBER 2015	SUP:
				AMDT: 1
				DATED: 01/13/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

ARINC SUMMARY - KSLC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
OGD	010	OGD	IF	FB										V A
OGD	020	UDUZU	TF	FB	1.0	117.6						AA 11000		E
OGD	030	IVOCY	TF	FB	1.0	166.0						AA 09000		EE B
TUKTE	010	TUKTE	IF	FB										E A
TUKTE	020	UDUZU	TF	FB	1.0	166.0						AA 11000		E
TUKTE	030	IVOCY	TF	FB	1.0	166.0						AA 09000		EE B
WEBER	010	WEBER	IF	FB								AT 12000		E A
WEBER	020	GORPS	TF	FB	1.0	149.2						AA 11200		E
WEBER	030	UDUZU	TF	FB	1.0	149.2						AA 11000		E
WEBER	040	IVOCY	TF	FB	1.0	166.0						AA 09000		EE B
	010	IVOCY	IF	FB								AA 09000		E I
	011	PRYES	TF	FB	0.5	166.0						AA 07500		E
	020	TIFUL	TF	FB	0.5	166.0				RW17		AA 06000		E F
	030	RW17	TF	FO	0.3	166.0		3.00				AT 04277		GY M
	040		CA	FB		166.0						AA 04700		M
	050	FFU	DF	FO					L			AA 10000		VY
	060	FFU	HM	FO		340.0			R			AA 10000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
FFU	N401629.62	W1115625.91
OGD	N411326.75	W1120553.67
GORPS	N411342.05	W1120001.36
IVOCY	N410247.04	W1115743.66
PRYES	N405803.67	W1115743.60
TIFUL	N405320.91	W1115743.53
TUKTE	N411857.19	W1115743.89
UDUZU	N410757.18	W1115743.73
WEBER	N411911.85	W1120213.36

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW17	N404756.10	W1115743.46	04222	55.1

**QUALITY
25
CHECKED**

CITY AND STATE SALT LAKE CITY, UT	ELEVATION: 4227 TDZE: 4219	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: SALT LAKE CITY INTL	RNAV	RNAV (GPS) RWY 17, AMDT 2 10 DECEMBER 2015	AMDT: 1
				DATED: 01/13/2011

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. [31043](#); Amdt. No. [3666](#)]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule amends, suspends, or removes 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 for the 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. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 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 the National Flight Data Center online at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III,
Flight Procedure Standards Branch (AFS-420)Flight Technologies
and Procedures 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 (NFDC)/Permanent Notice to Airmen (P-
NOTAM), and is incorporated by reference under 5 U.S.C.
552(a), 1 CFR part 51, and 14 CFR §97.20. 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 on FAA form documents is unnecessary.

This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for part 97 of this final rule.

The Rule

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

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent 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 and Takeoff Minimums and ODPs, 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 that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

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 procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on [OCTOBER 9, 2015](#)

A handwritten signature in black ink, appearing to read "John Duncan", with a long, sweeping horizontal line extending to the right.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (14 CFR part 97), is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, 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
12-Nov-15	AZ	Globe	San Carlos Apache	5/0529	09/30/15	GPS RWY 27, Orig-A
12-Nov-15	FL	Brooksville	Brooksville-Tampa Bay Rgnl	5/0653	09/30/15	RNAV (GPS) RWY 3, Amdt 1C
12-Nov-15	CA	Marysville	Yuba County	5/0918	09/29/15	RNAV (GPS) RWY 14, Orig-C
12-Nov-15	MN	Mankato	Mankato Rgnl	5/0985	10/06/15	COPTER ILS OR LOC RWY 33, Orig-B
12-Nov-15	ND	Harvey	Harvey Muni	5/2418	09/29/15	RNAV (GPS) RWY 29, Orig-A
12-Nov-15	CO	Craig	Craig-Moffat	5/2420	09/29/15	VOR/DME RWY 7, Amdt 2B
12-Nov-15	MI	Charlotte	Fitch H Beach	5/2421	09/29/15	RNAV (GPS) RWY 20, Orig
12-Nov-15	MI	Charlotte	Fitch H Beach	5/2422	09/29/15	VOR RWY 20, Amdt 11
12-Nov-15	AR	Batesville	Batesville Rgnl	5/2705	09/29/15	RNAV (GPS) RWY 26, Amdt 1
12-Nov-15	AR	Batesville	Batesville Rgnl	5/2706	09/29/15	LOC RWY 8, Amdt 1
12-Nov-15	AR	Batesville	Batesville Rgnl	5/2707	09/29/15	RNAV (GPS) RWY 8, Amdt 1A
12-Nov-15	IA	Harlan	Harlan Muni	5/2965	09/29/15	GPS RWY 15, Orig-A
12-Nov-15	IA	Harlan	Harlan Muni	5/2966	09/29/15	GPS RWY 33, Orig-A
12-Nov-15	KS	Hill City	Hill City Muni	5/3297	09/30/15	RNAV (GPS) RWY 18, Amdt 1A
12-Nov-15	TN	Winchester	Winchester Muni	5/3334	09/22/15	RNAV (GPS) Y RWY 18, Orig-A
12-Nov-15	TN	Winchester	Winchester Muni	5/3335	09/22/15	NDB RWY 18, Amdt 6A
12-Nov-15	TN	Winchester	Winchester Muni	5/3336	09/22/15	RNAV (GPS) Z RWY 18, Orig-A
12-Nov-15	TN	Winchester	Winchester Muni	5/3337	09/22/15	RNAV (GPS) RWY 36, Orig-A
12-Nov-15	NY	Farmingdale	Republic	5/3360	09/22/15	NDB RWY 1, Amdt 14B
12-Nov-15	NY	Farmingdale	Republic	5/3361	09/22/15	RNAV (GPS) RWY 19, Amdt 2C
12-Nov-15	NY	Farmingdale	Republic	5/3362	09/22/15	RNAV (GPS) RWY 1, Amdt 2B
12-Nov-15	TN	Rockwood	Rockwood Muni	5/3505	09/22/15	RNAV (GPS) RWY 22, Amdt 1
12-Nov-15	TN	Rockwood	Rockwood Muni	5/3508	09/22/15	RNAV (GPS) RWY 4, Orig
12-Nov-15	WI	Waukesha	Waukesha County	5/6258	09/29/15	RNAV (GPS) RWY 10, Orig
12-Nov-15	NE	Ord	Evelyn Sharp Field	5/6260	09/29/15	RNAV (GPS) RWY 13, Orig-A
12-Nov-15	MO	Cassville	Cassville Muni	5/6261	09/29/15	VOR RWY 9, Amdt 2

12-Nov-15	TX	Center	Center Muni	5/6276	09/29/15	RNAV (GPS) RWY 35, Orig
12-Nov-15	TX	Center	Center Muni	5/6277	09/29/15	RNAV (GPS) RWY 17, Orig-A
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6278	09/29/15	ILS OR LOC RWY 14, Amdt 8A
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6279	09/29/15	ILS OR LOC RWY 32, Amdt 27A
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6280	09/29/15	NDB RWY 32, Amdt 20A
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6282	09/29/15	RADAR 1, Amdt 13A
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6283	09/29/15	RNAV (GPS) RWY 14, Orig
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6284	09/29/15	RNAV (GPS) RWY 32, Orig-B
12-Nov-15	OH	Youngstown/Warren	Youngstown-Warren Rgnl	5/6285	09/29/15	VOR-A, Orig
12-Nov-15	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	5/6537	09/29/15	VOR/DME RWY 2, Amdt 2B
12-Nov-15	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	5/6538	09/29/15	ILS OR LOC/DME RWY 6, Amdt 5C
12-Nov-15	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	5/6540	09/29/15	RNAV (GPS) RWY 6, Orig-C
12-Nov-15	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	5/6541	09/29/15	VOR RWY 6, Orig-C
12-Nov-15	ID	Coeur D'Alene	Coeur D'Alene - Pappy Boyington Field	5/6542	09/29/15	NDB RWY 6, Amdt 2D
12-Nov-15	WA	Bremerton	Bremerton National	5/6569	09/29/15	Takeoff Minimums and (Obstacle) DP, Amdt 5
12-Nov-15	CA	San Diego	San Diego Intl	5/6675	09/29/15	RNAV (GPS) RWY 27, Amdt 3C
12-Nov-15	MO	Springfield	Springfield-Branson National	5/6815	09/29/15	RNAV (GPS) RWY 32, Amdt 2A
12-Nov-15	TX	Mount Vernon	Franklin County	5/6817	09/29/15	RNAV (GPS) RWY 13, Orig
12-Nov-15	TX	Mount Vernon	Franklin County	5/6818	09/29/15	RNAV (GPS) RWY 31, Orig
12-Nov-15	CA	Truckee	Truckee-Tahoe	5/7132	09/29/15	RNAV (GPS) Y RWY 20, Orig-A
12-Nov-15	CA	Truckee	Truckee-Tahoe	5/7133	09/29/15	RNAV (GPS) Z RWY 20, Orig-B
12-Nov-15	CA	Truckee	Truckee-Tahoe	5/7134	09/29/15	RNAV (GPS) RWY 11, Orig-A
12-Nov-15	MN	Mankato	Mankato Rgnl	5/7267	09/22/15	ILS RWY 33, Amdt 1
12-Nov-15	PA	Altoona	Altoona-Blair County	5/7687	09/30/15	ILS OR LOC RWY 21, Amdt 8
12-Nov-15	PA	Altoona	Altoona-Blair County	5/7688	09/30/15	RNAV (GPS) RWY 21, Amdt 1A
12-Nov-15	IN	Auburn	De Kalb County	5/7736	09/30/15	VOR RWY 9, Amdt 7C

12-Nov-15	IN	Auburn	De Kalb County	5/7737	09/30/15	RNAV (GPS) RWY 9, Orig-B
12-Nov-15	IN	Auburn	De Kalb County	5/7738	09/30/15	ILS OR LOC RWY 27, Amdt 1B
12-Nov-15	IN	Auburn	De Kalb County	5/7739	09/30/15	RNAV (GPS) RWY 27, Orig-B
12-Nov-15	CA	Marysville	Yuba County	5/7760	09/29/15	ILS OR LOC RWY 14, Amdt 5D
12-Nov-15	CA	Marysville	Yuba County	5/7761	09/29/15	VOR RWY 32, Amdt 10G
12-Nov-15	CA	Marysville	Yuba County	5/7763	09/29/15	RNAV (GPS) RWY 32, Orig-C
12-Nov-15	IL	Peoria	General Downing - Peoria Intl	5/8231	09/29/15	VOR OR TACAN RWY 13, Amdt 23B
12-Nov-15	OR	Portland	Portland Intl	5/9949	09/29/15	ILS OR LOC RWY 10L, Amdt 4A

AIRAC Date: 12 NOVEMBER 2015

FDC **5/0529** P13 IAP SAN CARLOS APACHE, GLOBE, AZ. GPS RWY 27, ORIG-A... LNAV HAT 568 ALL CATS. CIRCLING HAA 719 ALL CATS. CHART TDZE 3212. CHART AIRPORT ELEV 3261. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS GPS RWY 27 ORIG-B. 1509151202-PERM

FDC **5/0653** BKV IAP BROOKSVILLE-TAMPA BAY RGNL, BROOKSVILLE, FL. RNAV (GPS) RWY 3, AMDT 1C... DELETE NOTE: RWY 3 STRAIGHT-IN/CIRCLING AND CIRCLING RWY 21/27 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS CLEAR. THIS IS RNAV (GPS) RWY 3, AMDT 1D. 1508271725-PERM

FDC **5/0918** MYV IAP YUBA COUNTY, MARYSVILLE, CA. RNAV (GPS) RWY 14, ORIG-C... LNAV MDA 500/HAT 436. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL DA 44 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/8 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE LPV DA TO 308 FEET, LNAV/VNAV DA TO 514 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/8 MILE. THIS IS RNAV (GPS) RWY 14 ORIG-D. 1508111720-PERM

FDC **5/0985** MKT IAP MANKATO RGNL, MANKATO, MN. COPTER ILS OR LOC RWY 33, ORIG-B... S-ILS RWY 33 DA 1221. S-LOC 33 HAT 399. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.00} TCH {49}). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASECA ALTIMETER SETTING: INCREASE DA TO 1278 FT; INCREASE MDA 60 FT. ALTERNATE MINIMUMS: STANDARD: EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART TDZE 1021. CHART APT EL 1021.. THIS IS COPTER ILS OR LOC RWY 33 ORIG-C. 1510051754-PERM

FDC **5/2418** 5H4 IAP HARVEY MUNI, HARVEY, ND. RNAV (GPS) RWY 29, ORIG-A... CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 29 ORIG-B. 1508131858-PERM

FDC **5/2420** CAG IAP CRAIG-MOFFAT, CRAIG, CO. VOR/DME RWY 7, AMDT 2B... ALTERNATE MINIMUMS CATS A 1100-2, CAT B 1200-2, CAT C/D 1300-3. THIS IS VOR/DME RWY 7, AMDT 2C. 1508131859-PERM

FDC **5/2421** FPK IAP FITCH H BEACH, CHARLOTTE, MI. RNAV (GPS) RWY 20, ORIG... CHART NOTE: NIGHT LANDING: RWY 2, 14, 32 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.. THIS IS RNAV (GPS) RWY 20 ORIG-A. 1508131901-PERM

FDC **5/2422** FPK IAP FITCH H BEACH, CHARLOTTE, MI. VOR RWY 20, AMDT 11...
CHART NOTE: NIGHT LANDING: RWY 2, 14, 32 NA. CHANGE HELICOPTER NOTE
TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT
AUTHORIZED. THIS IS VOR RWY 20, AMDT 11A. 1508131901-PERM

FDC **5/2705** BVX IAP BATESVILLE RGNL, BATESVILLE, AR. RNAV (GPS) RWY 26,
AMDT 1... DELETE NOTE: CIRCLING TO RWY 18-36 NA AT NIGHT. DELETE
NOTE: WHEN VGSI INOP, STRAIGHT-IN / CIRCLING RWY 26 PROCEDURE NA
AT NIGHT. CHART NOTE: NIGHT LANDING RWY 18, 26, 36 NA.. CHANGE
HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1
SM NOT AUTHORIZED.. THIS IS RNAV (GPS) RWY 26, AMDT 1A. 1509171724-
PERM

FDC **5/2706** BVX IAP BATESVILLE RGNL, BATESVILLE, AR. LOC RWY 8, AMDT
1... DELETE NOTE: CIRCLING TO RWY 18-36 NA AT NIGHT. DELETE NOTE: INOP
TABLE DOES NOT APPLY. CHART NOTE: NIGHT LANDING RWY 18, 26, 36 NA.
THIS IS LOC RWY 8, AMDT 1A. 1509171724-PERM

FDC **5/2707** BVX IAP BATESVILLE RGNL, BATESVILLE, AR. RNAV (GPS) RWY 8,
AMDT 1A... DELETE NOTE: CIRCLING TO RWY 18-36 NA AT NIGHT. DELETE
NOTE: INOP TABLE DOES NOT APPLY.. CHART NOTE: NIGHT LANDING RWY
18, 26, 36 NA.. THIS IS RNAV (GPS) RWY 8, AMDT 1B. 1509171724-PERM

FDC **5/2965** HNR IAP HARLAN MUNI, HARLAN, IA. GPS RWY 15, ORIG-A...
CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS GPS RWY 15
ORIG-B. 1508141652-PERM

FDC **5/2966** HNR IAP HARLAN MUNI, HARLAN, IA. GPS RWY 33, ORIG-A...
CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER
VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS GPS RWY 33
ORIG-B. 1508141652-PERM

FDC **5/3297** HLC IAP HILL CITY MUNI, HILL CITY, KS. RNAV (GPS) RWY 18,
AMDT 1A... CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT
LANDING: RWY 18 NA. CHANGE WHEN LOCAL ALTIMETER NOTE TO READ:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HAYS ALTIMETER
SETTING: INCREASE LPV DA TO 2617 FT, LNAV/VNAV DA TO 2630 FT AND
VISIBILITY LPV ALL CATS 1/4 MILE, LNAV/VNAV ALL CATS 3/8 MILE; INCREASE
ALL MDA 140 FT AND VISIBILITY LNAV CAT C 3/8 MILE AND CIRCLING CAT C 1/4
MILE. THIS IS RNAV (GPS) RWY 18, AMDT 1B. 1509181316-PERM

FDC **5/3334** BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) Y RWY 18, ORIG-A... DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART VDP AT 1.13 MILES TO RWY 18. CHART NOTE: VDP NA WHEN USING CHATTANOOGA ALTIMETER SETTING. THIS IS RNAV (GPS) Y RWY 18 ORIG-B. 1509181438-PERM

FDC **5/3335** BGF IAP WINCHESTER MUNI, WINCHESTER, TN. NDB RWY 18, AMDT 6A... DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 18, AMDT 6B. 1509181438-PERM

FDC **5/3336** BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) Z RWY 18, ORIG-A... DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE UNCOMPENSATED BARO-VNAV SYSTEMS NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16 C (4 F) OR ABOVE 54 C (130 F). THIS IS RNAV (GPS) Z RWY 18 ORIG-B. 1509181438-PERM

FDC **5/3337** BGF IAP WINCHESTER MUNI, WINCHESTER, TN. RNAV (GPS) RWY 36, ORIG-A... DELETE NOTE: NIGHT LANDING: RWY 18 NA. CHANGE UNCOMPENSATED BARO-VNAV SYSTEMS NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16 C (4 F) OR ABOVE 54 C (130 F). THIS IS RNAV (GPS) RWY 36 ORIG-B. 1509181438-PERM

FDC **5/3360** FRG IAP REPUBLIC, FARMINGDALE, NY. NDB RWY 1, AMDT 14B... DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 1, AMDT 14C. 1509181452-PERM

FDC **5/3361** FRG IAP REPUBLIC, FARMINGDALE, NY. RNAV (GPS) RWY 19, AMDT 2C... DELETE VDP AT 1.29 NM TO RWY 19. DELETE NOTE: VDP NA WHEN USING ISLIP ALTIMETER SETTING. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 19, AMDT 2D. 1509181452-PERM

FDC **5/3362** FRG IAP REPUBLIC, FARMINGDALE, NY. RNAV (GPS) RWY 1, AMDT 2B... DELETE VDP AT 0.95 NM TO RWY 01. DELETE NOTE: VDP NA WHEN USING ISLIP ALTIMETER SETTING. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 1, AMDT 2C. 1509181452-PERM

FDC **5/3505** RKW IAP ROCKWOOD MUNI, ROCKWOOD, TN. RNAV (GPS) RWY 22, AMDT 1... LPV DA 1912 ALL CATS. LNAV/VNAV DA 1936 ALL CATS. LNAV HAT 318 ALL CATS. CHART TDZE 1662 DELETE THRE 1630. THIS IS RNAV (GPS) RWY 22, AMDT 1A. 1509181734-PERM

FDC **5/3508** RKW IAP ROCKWOOD MUNI, ROCKWOOD, TN. RNAV (GPS) RWY 4, ORIG... LPV DA 1914 ALL CATS. LNAV/VNAV DA 1914 ALL CATS. LNAV HAT 436 ALL CATS. CHART TDZE 1664 DELETE THRE 1659. THIS IS RNAV (GPS) RWY 4 ORIG-A. 1509181735-PERM

FDC **5/6258** UES IAP WAUKESHA COUNTY, WAUKESHA, WI. RNAV (GPS) RWY 10, ORIG... LPV DA VIS 1/2 ALL CATS. LNAV MDA VIS CAT A/B 1/2, CAT C 1, CAT D 1 1/4. CHANGE UNCOMPENSATED BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHANGE MISSED APPROACH TO READ: CLIMB TO 3000 DIRECT WOGPO AND LEFT TURN ON TRACK 013 TO WOGUR AND TRACK 312 TO HAWKN AND HOLD. THIS IS RNAV (GPS) RWY 10 ORIG-A. 1508201643-PERM

FDC **5/6260** ODX IAP EVELYN SHARP FIELD, ORD, NE. RNAV (GPS) RWY 13, ORIG-A... CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 13 ORIG-B. 1508201646-PERM

FDC **5/6261** 94K IAP CASSVILLE MUNI, CASSVILLE, MO. VOR RWY 9, AMDT 2... CHART NOTE: PROCEDURE NA AT NIGHT. CHART MONETT AWOS-3. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR RWY 9, AMDT 2A. 1508201647-PERM

FDC **5/6276** F17 IAP CENTER MUNI, CENTER, TX. RNAV (GPS) RWY 35, ORIG... CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 35 ORIG-A. 1508201717-PERM

FDC **5/6277** F17 IAP CENTER MUNI, CENTER, TX. RNAV (GPS) RWY 17, ORIG-A... CHANGE HELICOPTER VISIBILITY REDUCTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 17 ORIG-B. 1508201717-PERM

FDC **5/6278** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. ILS OR LOC RWY 14, AMDT 8A... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 5 NA. THIS IS ILS OR LOC RWY 14, AMDT 8B. 1508201719-PERM

FDC **5/6279** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. ILS OR LOC RWY 32, AMDT 27A... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 5 NA. THIS IS ILS OR LOC RWY 32, AMDT 27B. 1508201719-PERM

FDC **5/6280** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. NDB RWY 32, AMDT 20A... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 5 NA. THIS IS NDB RWY 32, AMDT 20B. 1508201719-PERM

FDC **5/6282** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. RADAR-1, AMDT 13A... CHART NOTE: NIGHT LANDING: RWY 5 NA. CHART NOTE: ASR 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RADAR-1, AMDT 13B. 1508201719-PERM

FDC **5/6283** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. RNAV (GPS) RWY 14, ORIG... CHART NOTE: NIGHT LANDING: RWY 5 NA. THIS IS RNAV (GPS) RWY 14 ORIG-A. 1508201719-PERM

FDC **5/6284** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. RNAV (GPS) RWY 32, ORIG-B... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 5 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 5 NA. THIS IS RNAV (GPS) RWY 32 ORIG-C. 1508201719-PERM

FDC **5/6285** YNG IAP YOUNGSTOWN-WARREN RGNL, YOUNGSTOWN/WARREN, OH. VOR-A, ORIG... CHART NOTE: NIGHT LANDING: RWY 5 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR-A ORIG-A. 1508201719-PERM

FDC **5/6537** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. VOR/DME RWY 2, AMDT 2B... CHART NOTE: NIGHT LANDING: RWY 02 NA.. THIS IS VOR/DME RWY 2, AMDT 2C. 1509251421-PERM

FDC **5/6538** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. ILS OR LOC/DME RWY 6, AMDT 5C... CHART NOTE: NIGHT LANDING: RWY 02 NA.. DELETE PROFILE NOTE: USE COE DME WHEN ON THE LOCALIZER COURSE.. CHANGE SIMULTANEOUS NOTE TO READ: DME FROM COE VOR/DME. SIMULTANEOUS RECEPTION OF I-COE AND COE DME REQUIRED.. THIS IS ILS OR LOC/DME RWY 6, AMDT 5D. 1509251421-PERM

FDC **5/6540** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. RNAV (GPS) RWY 6, ORIG-C... CHART NOTE: NIGHT LANDING: RWY 02 NA.. THIS IS RNAV (GPS) RWY 6 ORIG-D. 1509251421-PERM

FDC **5/6541** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. VOR RWY 6, ORIG-C... CHART NOTE: NIGHT LANDING: RWY 02 NA.. THIS IS VOR RWY 6 ORIG-D. 1509251421-PERM

FDC **5/6542** COE IAP COEUR D'ALENE - PAPPY BOYINGTON FIELD, COEUR D'ALENE, ID. NDB RWY 6, AMDT 2D... CHART NOTE: NIGHT LANDING: RWY 02 NA.. THIS IS NDB RWY 6, AMDT 2E. 1509251421-PERM

FDC **5/6569** PWT ODP BREMERTON NATIONAL, BREMERTON, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5... TAKEOFF MINIMUMS: RWY 2, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 402 FEET PER NM TO 700.. ALL OTHER DATA REMAINS THE SAME.. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, 5A. 1509081518-PERM

FDC **5/6675** SAN IAP SAN DIEGO INTL, SAN DIEGO, CA. RNAV (GPS) RWY 27, AMDT 3C... LP VIS CAT D 1 7/8. THIS IS RNAV (GPS) RWY 27, AMDT 3D. 1508211201-PERM

FDC **5/6815** SGF IAP SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. RNAV (GPS) RWY 32, AMDT 2A... DELETE NOTE: RWY 32 STRAIGHT-IN MINIMUMS NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. DELETE NOTE: VDP NA. THIS IS RNAV (GPS) RWY 32, AMDT 2B. 1509261800-PERM

FDC **5/6817** F53 IAP FRANKLIN COUNTY, MOUNT VERNON, TX. RNAV (GPS) RWY 13, ORIG... CIRCLING CAT A/B HAA 528. AIRPORT ELEVATION 412. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 13 ORIG-A. 1509261809-PERM

FDC **5/6818** F53 IAP FRANKLIN COUNTY, MOUNT VERNON, TX. RNAV (GPS) RWY 31, ORIG... LNAV CAT A/B HAT 748, CIRCLING CAT A/B HAA 748 ALL CATS. AIRPORT ELEVATION 412. TDZE 412. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 31 ORIG-A. 1509261809-PERM

FDC **5/7132** TRK IAP TRUCKEE-TAHOE, TRUCKEE, CA. RNAV (GPS) Y RWY 20, ORIG-A... DELETE NOTE: NIGHT LANDING: RWY 2, 11, 29 NA.. THIS IS RNAV (GPS) Y RWY 20 ORIG-B. 1509281711-PERM

FDC **5/7133** TRK IAP TRUCKEE-TAHOE, TRUCKEE, CA. RNAV (GPS) Z RWY 20, ORIG-B... DELETE NOTE: NIGHT LANDING: RWY 2, 11, 29 NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) Z RWY 20 ORIG-C. 1509281711-PERM

FDC **5/7134** TRK IAP TRUCKEE-TAHOE, TRUCKEE, CA. RNAV (GPS) RWY 11, ORIG-A... DELETE NOTE: NIGHT LANDING: RWY 2, 11, 29 NA. CHART NOTE: NIGHT LANDING: RWY 11 NA. THIS IS RNAV (GPS) RWY 11 ORIG-B. 1509281711-PERM

FDC **5/7267** MKT IAP MANKATO RGNL, MANKATO, MN. ILS RWY 33, AMDT 1 ... S- ILS RWY 33 DA 1221. S-LOC 33 HAT 399 ALL CATS, VIS CAT C/D 5/8. CIRCLING HAA CAT A 439, CAT B/C 459, CAT D 559. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {3.00} TCH {49}). CHART NOTE: FOR INOPERATIVE MALSR WHEN USING WASECA ALTIMETER SETTING, INCREASE S-ILS 33 ALL CATS VISIBILITY TO 7/8 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASECA ALTIMETER SETTING: INCREASE DA TO 1278 FT; INCREASE ALL MDA 60 FT AND VISIBILITY CATS C AND D 1/4 MILE. ALTERNATE MINIMUMS: STANDARD: EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART TDZE 1021. CHART APT EL 1021. THIS IS ILS OR LOC RWY 33, AMDT 1A. 1509091451-PERM

FDC **5/7687** AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. ILS OR LOC RWY 21, AMDT 8... CHART NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS ILS OR LOC RWY 21, AMDT 8A. 1509291716-PERM

FDC **5/7688** AOO IAP ALTOONA-BLAIR COUNTY, ALTOONA, PA. RNAV (GPS) RWY 21, AMDT 1A... CHART NOTE: NIGHT LANDING: RWY 3/12/30 NA. THIS IS RNAV (GPS) RWY 21, AMDT 1B. 1509291716-PERM

FDC **5/7736** GWB IAP DE KALB COUNTY, AUBURN, IN. VOR RWY 9, AMDT 7C... CHART CIRCLING ICON. CIRCLING CAT B MDA 1560/HAA 680, CAT C/D MDA 1720/HAA 840, VISIBILITY CAT C 2 1/2, CAT D 2 3/4. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE ALL CATS C AND D VISIBILITY 1/4 MILE. THIS IS VOR RWY 9, AMDT 7D. 1509291859-PERM

FDC **5/7737** GWB IAP DE KALB COUNTY, AUBURN, IN. RNAV (GPS) RWY 9, ORIG-B... CHART CIRCLING ICON. CIRCLING CAT B MDA 1560/HAA 680, CAT C/D MDA 1720/HAA 840, VISIBILITY CAT C 2 1/2, CAT D 2 3/4. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE LPV DA TO 1239 FEET; LNAV/VNAV DA TO 1294 FEET; AND INCREASE ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE; AND INCREASE LNAV CATS C/D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 9 ORIG-C. 1509291859-PERM

FDC **5/7738** GWB IAP DE KALB COUNTY, AUBURN, IN. ILS OR LOC RWY 27, AMDT 1B... CHART CIRCLING ICON. CIRCLING CAT B MDA 1560/HAA 680, CAT C/D MDA 1720/HAA 840, VISIBILITY CAT C 2 1/2, CAT D 2 3/4.. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE S-ILS 27 DA TO 1137 FEET AND ALL MDA 60 FEET; INCREASE S-LOC 27 CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. THIS IS ILS OR LOC RWY 27, AMDT 1C. 1509291859-PERM

FDC **5/7739** GWB IAP DE KALB COUNTY, AUBURN, IN. RNAV (GPS) RWY 27, ORIG-B... LPV DA VISIBILITY ALL CATS 1/2. LNAV/VNAV DA VISIBILITY ALL CATS 5/8. LNAV MDA VISIBILITY CATS A/B 1/2, CATS C/D 3/4. CIRCLING CAT B MDA 1560/HAA 680, CAT C/D MDA 1720/HAA 840, VISIBILITY CAT C 2 1/2, CAT D 2 3/4. CHART CIRCLING ICON. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING FORT WAYNE INTL ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO 1. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE LPV DA 57 FEET; LNAV/VNAV DA 180 FEET, AND ALL MDA 60 FEET; INCREASE LPV VISIBILITY 1/8 MILE ALL CATS, LNAV/VNAV 5/8 MILE ALL CATS, LNAV AND CIRCLING CATS C/D 1/4 MILE. THIS IS RNAV (GPS) RWY 27 ORIG-C. 1509291859-PERM

FDC **5/7760** MYV IAP YUBA COUNTY, MARYSVILLE, CA. ILS OR LOC RWY 14, AMDT 5D... DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OROVILLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET, INCREASE LOC CATS C/D VISIBILITY 1/4 MILE. DELETE NOTE: FOR INOP MALSR WHEN USING OROVILLE ALTIMETER SETTING, INCREASE S-ILS 14 ALL CATS VISIBILITY TO 7/8 MILE.. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE DA TO 308 AND ALL MDA 60 FEET. INCREASE LOC CATS C/D VISIBILITY 1/4 MILE.. CHART NOTE: FOR INOP MALSR WHEN USING LINCOLN ALTIMETER SETTING, INCREASE S-ILS 14 ALL CATS VISIBILITY TO 3/4 MILE.. THIS IS ILS OR LOC RWY 14, AMDT 5E. 1507201707-PERM

FDC **5/7761** MYV IAP YUBA COUNTY, MARYSVILLE, CA. VOR RWY 32, AMDT 10G... CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. THIS IS VOR RWY 32, AMDT 10H. 1507201707-PERM

FDC **5/7763** MYV IAP YUBA COUNTY, MARYSVILLE, CA. RNAV (GPS) RWY 32, ORIG-C... DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL DA 44 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE.. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE LPV DA TO 357 FEET, LNAV/VNAV DA TO 418 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 32 ORIG-D. 1507201707-PERM

FDC **5/8231** PIA IAP GENERAL DOWNING - PEORIA INTL, PEORIA, IL. VOR OR TACAN RWY 13, AMDT 23B... CHART NOTE: NIGHT LANDING: RWY 13 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 5000 NOT AUTHORIZED. DELETE PLANVIEW NOTE: ADF REQUIRED. CHART NOTE: ADF REQUIRED. THIS IS VOR OR TACAN RWY 13, AMDT 23C. 1508251307-PERM

FDC **5/9949** PDX IAP PORTLAND INTL, PORTLAND, OR. ILS OR LOC RWY 10L, AMDT 4A... DELETE NOTE: **RVR 2000 AUTHORIZED WITH USE OF FLIGHT DIRECTOR OR AUTOPILOT OR HUD TO DA. THIS IS ILS OR LOC RWY 10L, AMDT 4B. 1509131616-PERM