

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: RW14 LNAV: RW14 CLIMB TO 2700 DIRECT JOFFE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 320.42 INBOUND. CHART FAS OBST: 1081 TOWER (29-000070) 380720N/0924043W CHART FAS OBST: 984 TANK 380740N/0924206W WAAS CHANNEL # 48932 REFERENCE PATH ID: W14A LTP HAE: 235.4 M	
IJAXO (IF/IAF)	TUGSY (FB)	140.26 / 5.03	2500		
TUGSY (FAF)	EYAVI/2.00 NM TO RW14 (FB)	140.30 / 2.97			
EYAVI/2.00 NM TO RW14	RW14 (MAP) (FO)	140.30 / 2.00			
RW14 (MAP)	1276 MSL	140.30	2700		
1276 MSL	JOFFE (FO)				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW IJAXO, RT, 140.26 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 140.30 FAF: TUGSY DIST FAF TO MAP: 4.97 THLD: 4.97 4. MIN. ALT: IJAXO 2700, TUGSY 2500, EYAVI/2.00 NM TO RW14 1540 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 2E EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A X		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LP MDA	1300	1	424	1300	1
LNAV MDA	1360	1	484	1360	1
CIRCLING	1400	1	524	1400	1
NOTES: CHART NOTE: USE KAISER LAKE OZARK ALTIMETER SETTING; WHEN NOT RECEIVED, USE CAMDENTON ALTIMETER SETTING AND INCREASE ALL MDA 40 FT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)					
CITY AND STATE		ELEVATION: 876 THRE: 876		FACILITY IDENTIFIER: RNAV	
OSAGE BEACH, MO		AIRPORT NAME:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
		GRAND GLAIZE- OSAGE BEACH		RNAV (GPS) RWY 14, AMDT 1	
				19 SEPTEMBER 2013	
				SUP:	
				AMDT: ORIG	
				DATED 04/18/2002	



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 PROFILE NOTE: DESCENT ANGLE NA.

TAA

	FROM	TO	ALT
1.	160/30 CW 230/30 (NOPT)	160/20 CW 230/20	3900
2.	050/30 CW 160/30 (NOPT)	IJAXO (IF/IAF) (FB)	2700
	160/20 CW 230/20	IJAXO (IF/IAF) (FB)	2700
3.	230/30 CW 050/30	IJAXO (IF/IAF) (FO)	3100

QUALITY
4
CHECKED

CITY AND STATE OSAGE BEACH, MO	ELEVATION: 876	THRE: 876	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 19 SEPTEMBER 2013	SUP:	
	AIRPORT NAME:				AMDT:	ORIG
	GRAND GLAIZE- OSAGE BEACH				DATED:	04/18/2002

**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	K15
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	380650.1355N
LTP/FTP LONGITUDE	0924102.2620W
LTP/FTP ELLIPSOIDAL HEIGHT	+02354
FPAP LATITUDE	380539.5200N
FPAP LONGITUDE	0923953.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1776
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

CRC REMAINDER

A104D031

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02671
FPAP ORTHOMETRIC HEIGHT	+02671

QUALITY
4
CHECKED

CITY AND STATE OSAGE BEACH, MO	ELEVATION: 876 THRE: 876	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 19 SEPTEMBER 2013	SUP:
	AIRPORT NAME: GRAND GLAIZE- OSAGE BEACH			AMDT: ORIG
				DATED: 04/18/2002

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP K15 K3FR14	AIJAXO	010IJAXOK3EA0EE	AR	HF			14030040	+	02700	18000		A	JS
SUSAP K15 K3FR14	R	010IJAXOK3EA0E	I	IF				+	02700	18000		A	JS
SUSAP K15 K3FR14	R	020TUGSYK3EA1E	F	051TF			14030050	+	02500			A	JS
SUSAP K15 K3FR14	R	020TUGSYK3EA2WALP			N	ALNAV							JS
SUSAP K15 K3FR14	R	021EYAVIK3EA0E	S	031TF			14030030	+	01540			A	JS
SUSAP K15 K3FR14	R	030RW14 K3PGOGY	M	031TF			14030020		01360	000		A	JS
SUSAP K15 K3FR14	R	040	0	M	CA		1403	+	01276			A	JS
SUSAP K15 K3FR14	R	050JOFFEK3EA0EY		DF				+	02700			A	JS
SUSAP K15 K3FR14	R	060JOFFEK3EA0EE	R	HM			32040040	+	02700			A	JS

[illegible][illegible]

QUALITY
4
CHECKED

SUP:	
AMDT:	ORIG
DATED:	04/18/2002

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
	IJAXO	IJAXO	010	IAF	HF	R	FO		140.3 (142.3T)	004.0	AA 02700	
		IJAXO	010	FACF	IF		FB				AA 02700	
		TUGSY	020	FAF	TF		FB	0.5	140.3 (142.3T)	005.0	AA 02500	
		EYAVI	021	SDF	TF		FB	0.3	140.3 (142.3T)	003.0	AA 01540	
		RW14	030	MAP	TF		FO	0.3	140.3 (142.3T)	002.0	AT 01360	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		140.3 (142.3T)		AA 01276	
	JOFFE	050		DF		FO				AA 02700	
	JOFFE	060		HM	R	FO		320.4 (322.4T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EYAVI	N380825.23	W0924235.19	N3808.421	W09242.587
	IJAXO	N381445.39	W0924847.60	N3814.757	W09248.793
	JOFFE	N375829.29	W0923254.14	N3758.488	W09232.902
	TUGSY	N381046.54	W0924453.46	N3810.776	W09244.891
	RW14	N380650.14	W0924102.26	N3806.836	W09241.038

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00876	00

CITY AND STATE
OSAGE BEACH, MO

ELEVATION: **876** THRE: **876**
 AIRPORT NAME:
GRAND GLAIZE- OSAGE BEACH

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 14, AMDT 1
 19 SEPTEMBER 2013

SUP:
 AMDT: **ORIG**
 DATED: **04/18/2002**