

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.

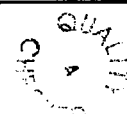
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
JOFFE (IF/IAF)	DUPNE (FB)	320.42 / 4.97	2500	LP: RW32 LNAV: RW32			
DUPNE (FAF)	UKPAZ/1.80 NM TO RW32 (FB)	320.38 / 3.23					
UKPAZ/1.80 NM TO RW32	RW32 (MAP) (FO)	320.38 / 1.80		CLIMB TO 2700 DIRECT IJAXO AND HOLD.			
RW32 (MAP)	1220 MSL	320.38					
1220 MSL	IJAXO (FO)		2700	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 140.26 INBOUND. CHART FAS OBST: 946 TREE 380526N/0923951W CHART FAS OBST: 965 TREE 380513N/0923852W WAAS CHANNEL # 86832 REFERENCE PATH ID: W32A LTP HAE: 229.7 M			

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD SE JOFFE, RT, 320.42 INBOUND, 2700 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>320.38</u> FAF: <u>DUPNE</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u>	
4. MIN. ALT: <u>JOFFE 2700, DUPNE 2500, UKPAZ/1.80 NM TO RW32 1460</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u>	
8. MSA FROM: <u> </u>	

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	1220	1	362	1220	1	362		NA			NA				
LNAV MDA	1240	1	382	1240	1	382		NA			NA				
CIRCLING	1400	1	524	1400	1	524		NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: USE KAISER LAKE OZARK ALTIMETER SETTING; WHEN NOT RECEIVED, USE CAMDENTON ALTIMETER SETTING AND INCREASE ALL MDA 40FT.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 (SEE FORM 8260-10)

CITY AND STATE OSAGE BEACH, MO	ELEVATION: 876 THRE: 858 AIRPORT NAME: GRAND GLAIZE- OSAGE BEACH	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 19 SEPTEMBER 2013	SUP: AMD'T: DATED	ORIG 04/18/2002
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NOTES, (CONT.):

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

CHART PROFILE NOTE: DESCENT ANGLE NA.

TAA

	FROM	TO	ALT
1.	230/30 CW 050/30 (NOPT)	230/8 CW 050/8	3100
2.	230/8 CW 050/8	JOFFE (IF/IAF) (FB)	2700
3.	050/30 CW 230/30	JOFFE (IF/IAF) (FO)	3100

QUALITY
CHECKED

CITY AND STATE

OSAGE BEACH, MO

ELEVATION: 876

THRE: 858

AIRPORT NAME:

GRAND GLAIZE- OSAGE BEACH

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

19 SEPTEMBER 2013

SUP:

AMDT: ORIG

DATED: 04/18/2002

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

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

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K15
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	380625.0580N
LTP/FTP LONGITUDE	0924037.7595W
LTP/FTP ELLIPSOIDAL HEIGHT	+02297
FPAP LATITUDE	380735.6700N
FPAP LONGITUDE	0924146.7500W
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

54FF6C57

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02614
FPAP ORTHOMETRIC HEIGHT	+02614

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP K15 K3FR32	AJOFFE	010JOFFEK3EA0EE	AR	HF			32040040	+	02700	18000			A JS
SUSAP K15 K3FR32	R	010JOFFEK3EA0E	I	IF				+	02700	18000			A JS
SUSAP K15 K3FR32	R	020DUPNEK3EA1E	F	051TF			32040050	+	02500				A JS
SUSAP K15 K3FR32	R	020DUPNEK3EA2WALP			N	ALNAV							JS
SUSAP K15 K3FR32	R	021UKPAZK3EA0E	S	031TF			32040032	+	01460				A JS
SUSAP K15 K3FR32	R	030RW32 K3PGOGY	M	031TF			32040018		01240	000			A JS
SUSAP K15 K3FR32	R	040	O	M	CA		3204	+	01220				A JS
SUSAP K15 K3FR32	R	050IJAXOK3EA0EY		DF				+	02700				A JS
SUSAP K15 K3FR32	R	060IJAXOK3EA0EE	R	HM			14030040	+	02700				A JS

[illegible][illegible]

CITY AND STATE
OSAGE BEACH, MO

ELEVATION: 876	THRE: 858
AIRPORT NAME: GRAND GLAIZE- OSAGE BEACH	

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
 19 SEPTEMBER 2013

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JOFFE	JOFFE	010	IAF	HF	R	FO		320.4 (322.4T)	004.0	AA 02700	
		JOFFE	010	FACF	IF		FB				AA 02700	
		DUPNE	020	FAF	TF		FB	0.5	320.4 (322.4T)	005.0	AA 02500	
		UKPAZ	021	SDF	TF		FB	0.3	320.4 (322.4T)	003.2	AA 01460	
		RW32	030	MAP	TF		FO	0.3	320.4 (322.4T)	001.8	AT 01240	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		320.4 (322.4T)		AA 01220	
	IJAXO	050		DF		FO				AA 02700	
	IJAXO	060		HM	R	FO		140.3 (142.3T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUPNE	N380225.72	W0923644.26	N3802.429	W09236.738
	IJAXO	N381445.39	W0924847.60	N3814.757	W09248.793
	JOFFE	N375829.29	W0923254.14	N3758.488	W09232.902
	UKPAZ	N380459.46	W0923914.19	N3804.991	W09239.237
	RW32	N380625.06	W0924037.76	N3806.418	W09240.629

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00858	00

QUALITY
A
CHECKED

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