

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.								
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION												
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3100 DIRECT OVEGE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 131.61 INBOUND. CHART FAS OBST: 966 TWR 394507N/0945327W CHART: ASR/PAR. DISTANCE TO THLD FROM 250 HATH: 0.63 NM. CHART VDP AT 1.13 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 65835 REFERENCE PATH ID: W31A CHART 1100 ELEVATOR 394336N/0945225W CHART CIRCLING ICON LTP HAE: 215.5 M								
ZOXAD (IF/IAF)	HUROV (FB)	311.84 / 6.00	2700									
HUROV (FAF)	YOGYU/2.64 NM TO RW31 (FB)	311.79 / 3.13										
YOGYU/2.64 NM TO RW31	RW31 (MAP) (FO)	311.79 / 2.64										
RW31 (MAP)	1062 MSL	311.79										
1062 MSL	OVEGE (FO)		3100									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 4E EPOCH YEAR: 1995								
2. HOLD SE ZOXAD, RT, 311.84 INBOUND, 3100 FT. IN LIEU OF PT (IAF)												
3. FAC: <u>311.79</u> FAF: <u>HUROV</u> DIST FAF TO MAP: <u>5.77</u> THLD: <u>5.77</u>												
4. MIN. ALT: ZOXAD 3100, HUOV 2700, YOGYU/2.64 NM TO RW31 1700*												
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>HUROV 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>												
7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR												
8. MSA FROM: <u> </u>												
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
LPV DA	1062	3/4	250	1062	3/4	250	1062	3/4	250	1062	3/4	250
LNAV/VNAV DA	1255	1 1/2	443	1255	1 1/2	443	1255	1 1/2	443	1255	1 1/2	443
LNAV MDA	1220	1	408	1220	1	408	1220	1 1/8	408	1220	1 1/8	408
CIRCLING	1400	1	573	1420	1	593	1620	2 1/4	793	1640	2 3/4	813
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING KANSAS CITY INTL ALTIMETER SETTING. (SEE FORM 8260-10)												
CITY AND STATE ST JOSEPH, MO				ELEVATION: 827 THRE: 812 AIRPORT NAME: ROSECRANS MEMORIAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 12 DECEMBER 2013		SUP: AMDT: NONE DATED		

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

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NOTES, (CONT.):

CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KANSAS CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 97 FT. AND INCREASE LPV AND LNAV/VNAV VISIBILITY 3/8 MILE ALL CATS; INCREASE ALL MDA 100 FT. AND LNAV CAT C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C 1/2 MILE, CAT D 1/4 MILE.

TAA

	FROM	TO	ALT
1.	222/30 CW 042/30 (NOPT)	ZOXAD (IF/IAF) (FB)	3100
	042/30 CW 222/30	ZOXAD (IF/IAF) (FO)	3100

QUALITY
2
CHECKED

CITY AND STATE
ST JOSEPH, MO

ELEVATION: 827 THRE: 812
AIRPORT NAME:
ROSECRANS MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
12 DECEMBER 2013

SUP:
AMDT: NONE
DATED:

**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	KSTJ
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W31A
REFERENCE PATH IDENTIFIER (APPROACH ID)	394552.5245N
LTP/FTP LATITUDE	0945430.3715W
LTP/FTP LONGITUDE	+02155
LTP/FTP ELLIPSOIDAL HEIGHT	394656.3600N
FPAP LATITUDE	0945551.0500W
FPAP LONGITUDE	00050.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1288
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

D1146103

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02473
FPAP ORTHOMETRIC HEIGHT	+02473

QUALITY
2
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CITY AND STATE

ST JOSEPH, MO

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSTJK3FR31	AZOXAD	010ZOXADK3EA0EE	AR	HF			31180040	+	03100	18000		A	JS
SUSAP KSTJK3FR31	R	010ZOXADK3EA0E	I	IF				+	03100	18000		A	JS
SUSAP KSTJK3FR31	R	020HUROVK3EA1E	F	051TF			31180060	+	02700			A	JS
SUSAP KSTJK3FR31	R	020HUROVK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSTJK3FR31	R	021YOGYUK3EA0E	S	031TF			31180031	V	0170001702	-300		A	JS
SUSAP KSTJK3FR31	R	030RW31 K3PG0GY	M	031TF			31180026		00862	-300		A	JS
SUSAP KSTJK3FR31	R	040		0 M	CA		3118	+	01062			A	JS
SUSAP KSTJK3FR31	R	050OVEGEK3EA0EY		DF				+	03100			A	JS
SUSAP KSTJK3FR31	R	060OVEGEK3EA0EE	R	HM			13160040	+	03100			A	JS

[illegible][illegible]

QUALITY
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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
	ZOXAD	ZOXAD	010	IAF	HF	R	FO		311.8 (315.8T)	004.0	AA 03100	
		ZOXAD	010	FACF	IF		FB				AA 03100	
		HUROV	020	FAF	TF		FB	0.5	311.8 (315.8T)	006.0	AA 02700	
		YOGYU	021	SDF	TF		FB	0.3	311.8 (315.8T)	003.1	AA 01700	GS 01702
		RW31	030	MAP	TF		FO	0.3	311.8 (315.8T)	002.6	AT 00862	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		311.8 (315.8T)		AA 01062	
	OVEGE	050		DF		FO				AA 03100	
	OVEGE	060		HM	R	FO		131.6 (135.6T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUROV	N394144.17	W0944917.12	N3941.736	W09449.285
	OVEGE	N395451.98	W0950554.04	N3954.866	W09505.901
	YOGYU	N394358.98	W0945207.05	N3943.983	W09452.118
	ZOXAD	N393726.04	W0944352.46	N3937.434	W09443.874
	RW31	N394552.52	W0945430.37	N3945.875	W09454.506

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00812	50

QUALITY
2
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