



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
WAMAT/1.90 NM TO RW31	RW31 (MAP) (FO)	314.03 / 1.90	
RW31 (MAP)	1229 MSL	314.03	
1229 MSL	HOTCH (FO)		3100

NOTES, (CONT.):

\*LNAV ONLY

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.



CITY AND STATE  
 JOPLIN, MO

ELEVATION: 981 THRE: 978  
 AIRPORT NAME:  
 JOPLIN RGNL

FACILITY IDENTIFIER:  
 RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:  
 RNAV (GPS) RWY 31, AMDT 1

SUP:  
 AMDT: ORIG-A  
 DATED: 01/19/2006

**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	KJLN
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	370842.5630N
LTP/FTP LONGITUDE	0942934.9810W
LTP/FTP ELLIPSOIDAL HEIGHT	+02683
FPAP LATITUDE	370948.8300N
FPAP LONGITUDE	0943049.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00046.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0864
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

F35DE5B3

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02981
FPAP ORTHOMETRIC HEIGHT	+02981



CITY AND STATE JOPLIN, MO	ELEVATION: 981	THRE: 978	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1	SUP:
	AIRPORT NAME: JOPLIN RGNL				AMDT: ORIG-A
					DATED: 01/19/2006

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ARINC PACKET - 424-18 - RNAV (GPS)

NAVAID	12345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	
SUSAD		EOS	K3011730VDH	N36503281W094260852		N36503281W094260852	E0070012002		NARNEOSHO																

WP	12345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901
SUSAEAENRT	HOTCH	K30	C	N37190630W094411911				E0022	NAR	HOTCH															
SUSAEAENRT	HOVIL	K30	C	N37000848W094195786				E0020	NAR	HOVIL															
SUSAEAENRT	HUPRO	K30	W	N37043363W094245515				E0020	NAR	HUPRO															
SUSAEAENRT	REYOB	K30	W	N36550852W094201790				E0020	NAR	REYOB															
SUSAEAENRT	WAMAT	K30	W	N37071775W094275956				E0021	NAR	WAMAT															
SUSAEAENRT	WEBLA	K30	W	N36595223W094134390				E0019	NAR	WEBLA															
SUSAEAENRT	ZOGAR	K30	R	L N36593429W094070053				E0018	NAR	ZOGAR															

AIRPORT	12345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901
SUSAP	KJL NK3AJLN	0	065YHN37090650W094295380E004000981					1800018000C	MNAR	JOPLIN	RGNL														

SEGMENT	12345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901
SUSAP KJL NK3FR31	AEOS	010	EOS	K3D	0V	IF							18000											A JS	
SUSAP KJL NK3FR31	AEOS	020	REYOBK3EAOE	A	020TF			04160066		+ 03100														A JS	
SUSAP KJL NK3FR31	AEOS	030	HOVILK3EAOEE	B	010TF			35910050		+ 03100														A JS	
SUSAP KJL NK3FR31	AHOVIL	010	HOVILK3EAOEE	AR	HF			31410040		+ 03100			18000											A JS	
SUSAP KJL NK3FR31	AZOGAR	010	ZOGARK3EAOE		IF								18000											A JS	
SUSAP KJL NK3FR31	AZOGAR	020	WEBLAK3EAOE	A	020TF			26920054		+ 03100														A JS	
SUSAP KJL NK3FR31	AZOGAR	030	HOVILK3EAOEE	B	010TF			26910050		+ 03100														A JS	
SUSAP KJL NK3FR31	R	010	HOVILK3EAOE	I	IF					+ 03100			18000											A JS	
SUSAP KJL NK3FR31	R	020	HUPROK3EAE	E	F 051TF			31410059		+ 02800														A JS	
SUSAP KJL NK3FR31	R	020	HUPROK3EA2WALPV			ALNAV/VNAV	ALNAV																	JS	
SUSAP KJL NK3FR31	R	021	WAMATK3EAOE	S	031TF			31400037		V 0162001629			-300											A JS	
SUSAP KJL NK3FR31	R	030	RW31	K3PGOGY	M 031TF			31400019		01024			-300											A JS	
SUSAP KJL NK3FR31	R	040		0	M	CA		3140		+ 01229														A JS	
SUSAP KJL NK3FR31	R	050	HOTCHK3EAOEY		DF					+ 03100														A JS	
SUSAP KJL NK3FR31	R	060	HOTCHK3EAOEE	R	HM			13390040		+ 03100														A JS	

RUNWAY	12345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901	2345678901
SUSAP	KJL NK3GRW31	0065013140	N37084256W094293498-0500					+0268300978029947150R																	

CITY AND STATE <b>JOPLIN, MO</b>	ELEVATION: <b>981</b>	THRE: <b>978</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	<b>JOPLIN RGNL</b>	<b>RNAV</b>	<b>RNAV (GPS) RWY 31, AMDT 1</b>	AMDT: <b>ORIG-A</b>
					DATED: <b>01/19/2006</b>

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	-----												
	SUSAP KJL NK3 PR31	RW31	001	0000	W31A0N3708425630W09429349810+026830300N3709488300W09430496000106750864000465F400500F35DE5B3								
	SUSAP KJL NK3 PR31	RW31	002E		+02981+02981LPV	69334							

  

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	-----												
	SUSAP KJL NK3SRW31	K3PG			0	18018003125							M

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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
	EOS	EOS	010		IF		FB					
	EOS	REYOB	020	IAF	TF		FB	2.0	041.6 (045.6T)	006.6	AA 03100	
	EOS	HOVIL	030		TF		FB	1.0	359.1 (003.1T)	005.0	AA 03100	
	HOVIL	HOVIL	010	IAF	HF	R	FO		314.1 (318.1T)	004.0	AA 03100	
	ZOGAR	ZOGAR	010		IF		FB					
	ZOGAR	WEBLA	020	IAF	TF		FB	2.0	269.2 (273.2T)	005.4	AA 03100	
	ZOGAR	HOVIL	030		TF		FB	1.0	269.1 (273.1T)	005.0	AA 03100	
		HOVIL	010	FACF	IF		FB				AA 03100	
		HUPRO	020	FAF	TF		FB	0.5	314.1 (318.1T)	005.9	AA 02800	
		WAMAT	021	SDF	TF		FB	0.3	314.0 (318.0T)	003.7	AA 01620	GS 01629
		RW31	030	MAP	TF		FO	0.3	314.0 (318.0T)	001.9	AT 01024	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		314.0 (318.0T)		AA 01229	
	HOTCH	050		DF		FO				AA 03100	
	HOTCH	060		HM	R	FO		133.9 (137.9T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EOS	N365032.81	W0942608.52	N3650.547	W09426.142
	HOTCH	N371906.30	W0944119.11	N3719.105	W09441.319
	HOVIL	N370008.48	W0941957.86	N3700.141	W09419.964
	HUPRO	N370433.63	W0942455.15	N3704.561	W09424.919
	REYOB	N365508.52	W0942017.90	N3655.142	W09420.298
	WAMAT	N370717.75	W0942759.56	N3707.296	W09427.993
	WEBLA	N365952.23	W0941343.90	N3659.871	W09413.732
	ZOGAR	N365934.29	W0940700.53	N3659.572	W09407.009
	RW31	N370842.56	W0942934.98	N3708.709	W09429.583

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00978	47

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					DATED: 01/19/2006