

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 CLIMB TO 3000 DIRECT RETHA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 318.87 INBOUND. FAS OBST: 1429 AAO 371813N/0932601W DISTANCE TO THLD FROM 258 HATH: 0.63 NM. CHART VDP AT 1.27 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 40121 REFERENCE PATH ID: W14A LTP HAE: 354.7 M CHART CIRCLING ICON											
SGF VORTAC	JOGPU (FO)	285.24 / 11.27	3000												
OZARK (IAF)	JOGPU (NOPT) (FB)	079.93 / 10.13	3000												
SHIRE (IAF)	JOGPU (NOPT) (FB)	171.46 / 8.12	3000												
JOGPU (IF/IAF)	ZEDAK (FB)	138.68 / 7.17	2900												
ZEDAK (FAF)	RW14 (MAP) (FO)	138.74 / 4.99													
RW14 (MAP)	1518 MSL	138.74													
1518 MSL	RETHA (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW JOGPU, RT, 138.68 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 138.74 FAF: ZEDAK DIST FAF TO MAP: 4.99 THLD: 4.99 4. MIN. ALT: JOGPU 3000, ZEDAK 2900 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: 2900 GS ALT AT: ZEDAK 2900 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW14 4600				MAG VAR: 3E 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	1518	3/4	258	1518	3/4	258	1518	3/4	258	1518	3/4	258			
LNAV/VNAV DA	1620	3/4	360	1620	3/4	360	1620	3/4	360	1620	3/4	360			
LNAV MDA	1720	3/4	460	1720	3/4	460	1720	7/8	460	1720	7/8	460			
CIRCLING	1760	1	492	1820	1	552	1820	1 1/2	552	1920	2	652			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 1268 THRE: 1260		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SPRINGFIELD, MO		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 14, AMDT 2A				AMDT: 2					
		SPRINGFIELD-BRANSON NATIONAL				25 JULY 2013				DATED		06/30/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SGF VORTAC AIRWAY RADIALS 206 CW 336.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8, INCREASE LNAV

CAT A/B VISIBILITY TO 1.

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSGF
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W14A
LTP/FTP LATITUDE 371518.8600N
LTP/FTP LONGITUDE 0932401.8370W
LTP/FTP ELLIPSOIDAL HEIGHT +03547
FPAP LATITUDE 371408.7700N
FPAP LONGITUDE 0932252.8100W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0312
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

8AEEFA28

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03841
FPAP ORTHOMETRIC HEIGHT +03841

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSGFK3FR14	AOZARK	0100ZARKK3EA0E	A	IF						18000		A JS	
SUSAP KSGFK3FR14	AOZARK	020JOGPUK3EA0EE	B	010TF			07990101	+	03000			A JS	
SUSAP KSGFK3FR14	ASGF	010SGF K3D 0V		IF						18000		A JS	
SUSAP KSGFK3FR14	ASGF	020JOGPUK3EA0EY		020TF			28520113	+	03000			A JS	
SUSAP KSGFK3FR14	ASGF	030JOGPUK3EA0EE	AR	HF			13870040	+	03000			A JS	
SUSAP KSGFK3FR14	ASHIRE	010SHIREK3EA0E	A	IF						18000		A JS	
SUSAP KSGFK3FR14	ASHIRE	020JOGPUK3EA0EE	B	010TF			17150081	+	03000			A JS	
SUSAP KSGFK3FR14	R	010JOGPUK3EA0E	I	IF				+	03000	18000		A JS	
SUSAP KSGFK3FR14	R	020ZEDAKK3EA1E	F	051TF			13870072	+	02900		RW14 K3PGA	JS	
SUSAP KSGFK3FR14	R	020ZEDAKK3EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KSGFK3FR14	R	030RW14 K3PGOGY M	031TF				13870050		01310	-300		A JS	
SUSAP KSGFK3FR14	R	040	0 M	CA			1387	+	01518			A JS	
SUSAP KSGFK3FR14	R	050RETHAK3EA0EY		DF				+	03000			A JS	
SUSAP KSGFK3FR14	R	060RETHAK3EA0EE	R	HM			31890040	+	03000			A JS	

[illegible][illegible]

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SUSAP KSGFK3PR14 RW14 001 0000W14A0N3715188600W09324018370+035470300N3714087700W09322528100106750312000500P4005008AEEFA28
SUSAP KSGFK3PR14 RW14 002E +03841+03841LPV 40121

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KSGFK3SRW14 K3PG 0 18018004625 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
	OZARK	OZARK	010	IAF	IF		FB					
	OZARK	JOGPU	020		TF		FB	1.0	079.9 (082.9T)	010.1	AA 03000	
	SGF	SGF	010		IF		FB					
	SGF	JOGPU	020		TF		FO	2.0	285.2 (288.2T)	011.3	AA 03000	
	SGF	JOGPU	030	IAF	HF	R	FO		138.7 (141.7T)	034.0	AA 03000	
	SHIRE	SHIRE	010	IAF	IF		FB					
	SHIRE	JOGPU	020		TF		FB	1.0	171.5 (174.5T)	008.1	AA 03000	
		JOGPU	010	FACF	IF		FB				AA 03000	
		ZEDAK	020	FAF	TF		FB	0.5	138.7 (141.7T)	007.2	AA 02900	
		RW14	030	MAP	TF		FO	0.3	138.7 (141.7T)	005.0	AT 01310	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		138.7 (141.7T)		AA 01518	
	RETHA	050		DF		FO				AA 03000	
	RETHA	060		HM	R	FO		318.9 (321.9T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SGF	N372121.41	W0932002.55	N3721.357	W09320.043
	JOGPU	N372452.60	W0933328.65	N3724.877	W09333.478
	OZARK	N372338.38	W0934605.67	N3723.640	W09346.095
	RETHA	N370537.18	W0931430.38	N3705.620	W09314.506
	SHIRE	N373258.29	W0933427.66	N3732.972	W09334.461
	ZEDAK	N371914.40	W0932754.15	N3719.240	W09327.903
	RW14	N371518.86	W0932401.84	N3715.314	W09324.031

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW14	01260	56

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