

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: RW32 CLIMB TO 3000 DIRECT JOGPU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 138.88 INBOUND. CHART FAS OBST: 1490 TOWER 371128N/0931946W CHART: 1696 TOWER 371016N/0931928W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.37 MILES TO RW32 *LNAV ONLY. WAAS CHANNEL # 72933 REFERENCE PATH ID: W32A CHART CIRCLING ICON LTP HAE: 357.2 M							
RETHA (IF/IAF)		APELL (FB)		318.87 / 6.03				2900									
APELL (FAF)		RW32 (MAP) (FO)		318.83 / 4.96													
RW32 (MAP)		1468 MSL		318.83													
1468 MSL		JOGPU (FO)						3000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)										MAG VAR: 3E EPOCH YEAR: 2000							
2. HOLD SE RETHA, RT, 318.87 INBOUND, 3200 FT. IN LIEU OF PT (IAF)																	
3. FAC: <u>318.83</u> FAF: <u>APELL</u> DIST FAF TO MAP: <u>4.96</u> THLD: <u>4.96</u>																	
4. MIN. ALT: RETHA 3200, APELL 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: <u>2900</u> GS ALT AT: <u>APELL 2900</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>																	
7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> 34:1 IS CLEAR																	
8. MSA FROM: <u> </u>																	
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	1468	3/4	200	1468	3/4	200	1468	1 1/8	200	1468	1 1/8	200					
LNAV/VNAV DA	1660	1 1/4	392	1660	1 1/4	392	1660	1 1/4	392	1660	1 1/4	392					
LNAV MDA	1740	1	472	1740	1	472	1740	1 3/8	472	1740	1 3/8	472					
CIRCLING	1760	1	492	1820	1	552	1820	1 1/2	552	1920	2	652					
NOTES: CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MONETT ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONETT ALTIMETER SETTING AND INCREASE ALL DA 90 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL (SEE FORM 8260-10)																	
CITY AND STATE SPRINGFIELD, MO				ELEVATION: 1268 THRE: 1268 AIRPORT NAME: SPRINGFIELD-BRANSON NATIONAL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 2 22 AUGUST 2013				SUP: AMDT: 1A DATED 07/03/2008	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CATS 3/8 MILE, LNAV CATS C AND D 1/4 MILE AND CIRCLING CAT C 1/4 MILE AND CAT D 1/2 MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

TAA

	FROM	TO	ALT
1.	229/30 CW 049/30 (NOPT)	229/8 CW 049/8	4600
2.	229/8 CW 049/8	RETHA (IF/IAF) (FB)	3200
3.	049/30 CW 229/30	049/8 CW 229/8	4600
4.	049/8 CW 229/8	RETHA (IF/IAF) (FO)	3200



CITY AND STATE

SPRINGFIELD, MO

ELEVATION: 1268

THRE: 1268

AIRPORT NAME:

SPRINGFIELD-BRANSON NATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 2

22 AUGUST 2013

SUP:

AMDT: 1A

DATED: 07/03/2008

**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	KSGF
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	371416.7175N
LTP/FTP LONGITUDE	0932300.6365W
LTP/FTP ELLIPSOIDAL HEIGHT	+03572
FPAP LATITUDE	371526.8100N
FPAP LONGITUDE	0932409.6700W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
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)	35.0

CRC REMAINDER

61290AE2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03866
FPAP ORTHOMETRIC HEIGHT	+03866

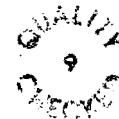
CITY AND STATE
SPRINGFIELD, MO

ELEVATION: 1268 THRE: 1268
AIRPORT NAME:
SPRINGFIELD-BRANSON NATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 2
22 AUGUST 2013

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSGFK3FR32	ARETHA	010RETHAK3EA0EE	AR	HF		31890040	+	03200	18000			A	JS
SUSAP KSGFK3FR32	R	010RETHAK3EA0E	I	IF			+	03200	18000			A	JS
SUSAP KSGFK3FR32	R	020APELLK3EA1E	F	051TF		31890060	+	02900				A	JS
SUSAP KSGFK3FR32	R	020APELLK3EA2WALPV			ALNAV/VNAV ALNAV								JS
SUSAP KSGFK3FR32	R	030RW32 K3PGOGY	M	031TF		31880050		01319		-300		A	JS
SUSAP KSGFK3FR32	R	040	0	M	CA	3188	+	01468				A	JS
SUSAP KSGFK3FR32	R	050JOGPUK3EA0EY		DF			+	03000				A	JS
SUSAP KSGFK3FR32	R	060JOGPUK3EA0EE	R	HM		13870040	+	03000				A	JS

[illegible][illegible]

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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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APINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RETHA	RETHA	010	IAF	HF	R	FO		318.9 (321.9T)	004.0	AA 03200	
		RETHA	010	FACF	IF		FB				AA 03200	
		APELL	020	FAF	TF		FB	0.5	318.9 (321.9T)	006.0	AA 02900	
		RW32	030	MAP	TF		FO	0.3	318.8 (321.8T)	005.0	AT 01319	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		318.8 (321.8T)		AA 01468	
	JOGPU	050		DF		FO				AA 03000	
	JOGPU	060		HM	R	FO		138.7 (141.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APELL	N371022.36	W0931910.15	N3710.373	W09319.169
	JOGPU	N372452.60	W0933328.65	N3724.877	W09333.478
	RETHA	N370537.18	W0931430.38	N3705.620	W09314.506
	RW32	N371416.72	W0932300.64	N3714.279	W09323.011

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01268	51

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