

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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	
BAYAT (IAF)	INOYU (NOPT) (FB)	288.91 / 6.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 3000 DIRECT AWAKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 018.74 INBOUND. CHART FAS OBST: 1337 TREE 371545N/0932246W CHART FAS OBST: 1608 TOWER 371754N/0931957W CHART 1321 TREE 371533N/0932235W. DISTANCE TO THLD FROM 269 HAT: 0.70 NM. CHART VDP AT 1.48 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 65613 REFERENCE PATH ID: W20A
CISNO (IAF)	INOYU (NOPT) (FB)	108.77 / 6.00	3000	
INOYU (IF/AF)	FANDR (FB)	198.85 / 6.27	3000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N INOYU, RT, 198.85 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 198.81 FAF: FANDR DIST FAF TO MAP: 5.23 THLD: 5.23
- MIN. ALT: INOYU 3000, FANDR 3000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: FANDR OM: MM: IM:
- GS ANGLE: 3.00 TCH: 47.2 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	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	1531	1	269	1531	1	269	1531	1	269	1531	1	269			
LNAV/VNAV DA	1656	1 1/2	394	1656	1 1/2	394	1656	1 1/2	394	1656	1 1/2	394			
LNAV MDA	1780	3/4	518	1780	3/4	518	1780	1 1/2	518	1780	1 3/4	518			
CIRCLING	1780	1	512	1780	1	512	1820	1 1/2	552	1820	2	552			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CAT C. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

CITY AND STATE SPRINGFIELD, MO	ELEVATION: 1268 TDZE: 1262 AIRPORT NAME: SPRINGFIELD-BRANSON NATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, AMDT 2 31 JUL 2008	SUP: AMDT: 1 DATED 07/07/2005
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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONETT ALTIMETER SETTING AND INCREASE ALL DA'S 90 FEET AND INCREASE ALL MDA'S 100 FEET, INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE LVNAV/VNAV ALL CATS 1/4 MILE, INCREASE LNAV CATS C AND D 1/4 MILE, INCREASE CIRCLING CAT C 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MONETT ALTIMETER SETTING.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	109/30 CW 289/30 (NOPT) 109/5 CW 289/5	109/5 CW 289/5 INOYU (IF/IAF) (FB)	3200 3000
2.	289/30 CW 019/30 289/10 CW 019/10	289/10 CW 019/10 BAYAT (IAF) (FB)	4600 3100
3.	019/30 CW 109/30	CISNO (IAF) (FB)	3000

CITY AND STATE

SPRINGFIELD, MO

ELEVATION: 1268 TDZE: 1262

AIRPORT NAME:

SPRINGFIELD-BRANSON NATIONAL

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

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31 JUL 2008

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSGF
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	371512.6250N
LTP/FTP LONGITUDE	0932249.0720W
LTP/FTP ELLIPSOIDAL HEIGHT	+03553
FPAP LATITUDE	371349.7900N
FPAP LONGITUDE	0932330.4800W
THRESHOLD CROSSING HEIGHT (TCH)	00047.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER CCD9D518

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03847
FPAP ORTHOMETRIC HEIGHT	+03847

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAYAT	BAYAT	010	IAF	IF		FB				
	BAYAT	INOYU	020		TF		FB	1.0	288.9 (292T)	006.0	03000
	CISNO	CISNO	010	IAF	IF		FB				
	CISNO	INOYU	020		TF		FB	1.0	108.8 (112T)	006.0	03000
	INOYU	INOYU	010		HF	R	FB		198.9 (202T)	004.0	03000
		INOYU	010	FACF	IF		FB				03000
		FANDR	020	FAF	TF		FB	0.5	198.9 (202T)	006.3	03000
		RW20	030	MAP	TF		FO	0.3	198.8 (202T)	005.2	01309

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AWAQE	040		DF		FO	1.0			03000
	AWAQE	050		HM	R	FO	2.0	018.7 (022T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AWAQE	N370450.42	W0932759.56	N3704.840	W09327.993
	BAYAT	N372339.70	W0931028.16	N3723.662	W09310.469
	CISNO	N372807.87	W0932427.24	N3728.131	W09324.454
	FANDR	N372004.51	W0932022.93	N3720.075	W09320.382
	INOYU	N372553.99	W0931727.49	N3725.900	W09317.458
	RW20	N371512.63	W0932249.07	N3715.211	W09322.818

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	01262	47

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