

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> SGF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 14	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> SPRINGFIELD	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 1268	<u>TDZE</u> 1260	<u>SUPERSEDED</u> RNAV (GPS) RWY 14	<u>DATED</u> 05/28/2015	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2000
			<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
SGF VORTAC		BVRLY		TF	FO	1.00	285.24	11.27	3000
OZARK	IAF	BVRLY	NOPT	TF	FB	1.00	079.93	10.13	3000
SHIRE	IAF	BVRLY	NOPT	TF	FB	1.00	171.46	8.12	3000
BVRLY	IF/IAF	REEVZ		TF	FB	1.00	138.68	7.19	2900
REEVZ	FAF	RW14	MAP	TF	FO	0.30	138.74	4.97	
RW14	MAP	1460 MSL		CA			138.74		
1460 MSL		RETHA		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT RETHA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD NW BVRLY, RT, 138.68 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 138.74	FAF: REEVZ		DIST FAF TO MAP: 4.97	DIST FAF TO THLD: 4.97	
4. MIN ALT: BVRLY 3000, REEVZ 2900					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.45	GS ANT:
6. MIN GP INCPT: 2900	GP ALT AT PFAF: REEVZ 2900			OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.7		IM:
8. MSA FROM: RW14 4600					



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HFJ ALTIMETER SETTING.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING HFJ ALTIMETER SETTING).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SGF VORTAC AIRWAY RADIALS 206 CW 336.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HFJ ALTIMETER SETTING AND INCREASE LPV DA TO 1550 FEET; INCREASE LNAV/VNAV DA TO 1646 FEET AND ALL VISIBILITIES TO RVR 3500 INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D TO RVR 5500 AND CIRCLING VISIBILITY CAT C/D 1/2 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT C/D TO RVR 6000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 318.87 INBOUND.
FAS OBST: 1421 AAO 371815N/0932600W.
CHART VDP AT 1.14 NM TO RW14.
WAAS CHANNEL # 40121
REFERENCE PATH ID: W14A
LTP HAE: 354.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA*	1460	2400	200	1460	2400	200	1460	2400	200	1460	2400	200			
LNAV/VNAV DA	1556	2400	296	1556	2400	296	1556	2400	296	1556	2400	296			
LNAV MDA	1680	2400	420	1680	2400	420	1680	4000	420	1680	4000	420			
CIRCLING	1760	1	492	1820	1	552	1820	1 1/2	552	1920	2	652			



CHANGES - REASONS

1. CHANGED JOGPU WAYPOINT TO BVRLY WAYPOINT - ALIGNS WITH THE ILS OR LOC RWY 14 APPROACH.
2. CHANGED ZEDAK WAYPOINT REEVZ WAYPOINT AND MOVED 108 FEET CLOSER TO RUNWAY - ALIGNS WITH THE ILS OR LOC RWY 14 APPROACH.
3. CHANGED DISTANCE BETWEEN BVRLY AND REEVZ FROM 7.17 TO 7.19 - FAF MOVED FOR WAYPOINT NAME CHANGE.
4. CHANGED DISTANCE BETWEEN REEVZ (FAF) AND MAP FROM 4.99 TO 4.97 - FAF MOVED FOR WAYPOINT NAME CHANGE.
5. CHANGED MISSED APPROACH CA LEG ALTITUDE FROM 1518 TO 1460 - LOWERED MINIMUMS.
6. ADDED HIL MAX HOLDING ALTITUDE OF 6000 - PER FPT REQUEST.
7. ADDED 24:1 IS CLEAR - NO PENETRATIONS OF SURFACES.
8. CHANGED 34:1 IS NOT CLEAR TO 34:1 IS CLEAR - NO PENETRATION OF SURFACES.
9. CHANGED TCH FROM 50 TO 55.7 - PER FPT REQUEST.
10. ADDED RNP APCH - GPS TO PBN REQUIREMENTS - 8260.19K PARA 8-6-8.
11. CHANGED FAS OBSTACLE FROM AAO, 1429, 371813N/0932601W TO AAO, 1421, 371815N/0932600W - NEW CONTROLLING OBSTACLE.
12. CHANGED CHART VDP AT 1.27 NM TO RW14 TO CHART VDP AT 1.14 NM TO RW14 - MINIMUMS LOWERED.
13. REMOVED *LNAV ONLY - CURRENT CRITERIA.
14. REMOVED CHART CIRCLING ICON - PER MEMO 279, REVISED CIRCLING MANEUVERING AREA CRITERIA IMPLEMENTATION PLAN, PARA 3, AND MEMO REMOVAL OF CIRCLING ICONS.
15. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINIMUMS - 8260.19J PARA 8-6-12B4.
16. CHANGED LPV DA/HAT/VIS FROM 1518/258/3/4 TO 1460/200/2400 - NEW CONTROLLING OBSTACLE.
17. CHANGED LNAV/VNAV DA/HAT/VIS FROM 1620/360/3/4 TO 1556/296/2400 - NEW CONTROLLING OBSTACLE.
18. CHANGED LNAV MDA/HAT/VIS CATS A/B FROM 1720/460/3/4 TO 1680/420/2400, CATS C/D FROM 1720/460/7/8 TO 1680/420/4000 - NEW CONTROLLING OBSTACLE.
19. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS - NEW LPV MINIMUMS.
20. CHANGED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F) TO CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C. - UPDATED HISTORIC WEATHER AND 8260.19K PARA 8-6-10R.
21. REMOVED CHART NOTE: DME/DME RNP-0.3 NA - PER CURRENT CRITERIA.
22. CHANGED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT - GLIDEPATH AND VGSI ARE NOW COINCIDENT.
23. REMOVED CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED - 34:1 NOW CLEAR.
24. REMOVED CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8, INCREASE LNAV CAT A/B VISIBILITY TO 1 - NEW MINIMUMS ESTABLISHED STANDARD ALS OUT.
25. ADDED CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HFJ ALTIMETER SETTING - 8260.19K PARA 8-6-10E.
26. ADDED CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING HFJ ALTIMETER SETTING) - 8260.19K PARA 8-6-12K.
27. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HFJ ALTIMETER SETTING AND INCREASE LPV DA TO 1550 FEET; INCREASE LNAV/VNAV DA TO 1646 FEET AND ALL VISIBILITIES TO RVR 3500 INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C/D TO RVR 5500 AND CIRCLING VISIBILITY CAT C/D 1/2 SM - 8260.19K PARA 8-6-12N.
28. CHANGED LTP/FTP LAT/LONG FROM 371518.8600N/0932401.8370W TO 371518.8610N0932401.8360W - UPDATED SURVEY.
29. CHANGED FPAP LAT/LONG FROM 371408.7700N0932252.8100W TO 371408.7670N/0932252.8080W - NEW FPAP CALCULATION.
30. CHANGED VERTICAL ALERT LIMIT (VAL) FROM 50 TO 35 - UPDATED MINIMA.
31. CHANGED CRC REMAINDER FROM 8AEFEA28 TO C1A13993 - NEW FAS DATA.
32. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500 AND LNAV CAT C/D TO RVR 6000. - NEW CONTROLLING OBSTACLE.
33. REMOVED ATA FROM COORDINATED WITH - ATA WAS REPLACED WITH A4A.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZKC, SGF APP CON, SGF ATCT, AIRPORT MANAGER

FLIGHT CHECKED BY

SUSANNA ROBERTS

Digitally signed by

ROBERT G HAMILTON

Mar 09, 2026

OFFICE

AJF

DATE

03/08/2026

DEVELOPED BY

TIMOTHY DUNN

Digitally signed by

ROBERT G HAMILTON

Mar 09, 2026

OFFICE

AJV-A433

DATE

10/23/2025

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Mar 09, 2026

OFFICE

AJV-A433

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
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	371518.8610N
LTP/FTP LONGITUDE	0932401.8360W
LTP/FTP ELLIPSOIDAL HEIGHT	+03547
FPAP LATITUDE	371408.7670N
FPAP LONGITUDE	0932252.8080W
THRESHOLD CROSSING HEIGHT (TCH)	00055.7
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	C1A13993

ADDITIONAL PATH POINT RECORD INFORMATION

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

