

**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 32	<u>ORIGINAL/AMENDMENT</u> 2D	<u>CITY</u> SPRINGFIELD	<u>STATE</u> MO
<u>AIRPORT ELEVATION</u> 1268	<u>TDZE</u> 1268	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 2C	<u>DATED</u> 08/07/2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 MAY 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 3E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 229/30 CW 049/30	NOPT	229/8 CW 049/8		4600
2. 229/8 CW 049/8		RETHA	IF/IAF	3200
3. 049/30 CW 229/30		049/8 CW 229/8		4600
4. 049/8 CW 229/8		RETHA	IF/IAF	3200

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>
RETHA	IF/IAF	APELL		TF	FB	1.00	318.87	6.03	2900
APELL	FAF	RW32	MAP	TF	FO	0.30	318.83	4.96	
RW32	MAP	1518 MSL		CA			318.83		
1518 MSL		BVRLY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BVRLY AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	HOLD SE RETHA, RT, 318.87 INBOUND, 3200 IN LIEU OF PT (IAF), MAX 6000.														
3.	FAC:	318.83	FAF:	APELL	DIST FAF TO MAP:	4.96	DIST FAF TO THLD:	4.96							
4.	MIN ALT:	RETHA 3200, APELL 2900													
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		250 HAT:	0.62	GS ANT:				
6.	MIN GP INCPT:	2900	GP ALT AT PFAF:	APELL 2900					OM:		MM:			IM:	
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	51.0							
8.	MSA FROM:														

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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HFJ ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HFJ ALTIMETER SETTING AND INCREASE LPV DA TO 1608 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE LNAV/VNAV DA TO 1820 FEET AND ALL VISIBILITIES 1/4 SM. INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CAT C AND D 1/4 SM, AND CIRCLING VISIBILITY CAT C AND D 1/2 SM.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 138.68 INBOUND.
CHART FAS OBST: 1490 TOWER (29-000490) 371128N/0931946W.
CHART 1692 TOWER (29-000583) 371014N/0931927W.
CHART VDP AT 1.37 NM TO RW32.
WAAS CHANNEL # 72933
REFERENCE PATH ID: W32A
LTP HAE: 357.2 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	1518	3/4	250	1518	3/4	250	1518	3/4	250	1518	3/4	250			
LNAV/VNAV DA	1730	1 3/8	462	1730	1 3/8	462	1730	1 3/8	462	1730	1 3/8	462			
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			

CHANGES - REASONS

1. CHANGED MISSED APPROACH HOLDING POINT FROM JOGPU TO BVRLY - POINTS SHARED SAME COORDINATES AND HOLDING PATTERN, THIS WAS JUST A NAME CHANGE.
2. DELETED NOTE CHART CIRCLING ICON.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER:

ZKC, SGF APCH, AMGR, MO AERO

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

ROBERT G HAMILTON

Mar 26, 2026

OFFICE

DATE

DEVELOPED BY

JOSEPH L. ZEDER

Digitally signed by

ROBERT G HAMILTON

Mar 26, 2026

OFFICE

AJV-A433

DATE

03/26/2026

APPROVED BY

ROBERT G HAMILTON

Digitally signed by

ROBERT G HAMILTON

Mar 26, 2026

OFFICE

AJV-A433

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KSGF
RW32
0
0
W32A
371416.7175N
0932300.6355W
+03572
371526.8105N
0932409.6670W
00051.0
F
03.00
106.75
0312
40.0
50.0

CRC REMAINDER

F5DA2B20

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+03865
+03865

