

**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.

AIRPORT ID SRC	PROCEDURE NAME RNAV (GPS) RWY 1	ORIGINAL/AMENDMENT 2	CITY SEARCY	STATE AR
AIRPORT ELEVATION 265	TDZE 253	SUPERSEDED RNAV (GPS) RWY 1	DATED 09/09/2021	MAG VAR 2E
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 27 NOVEMBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1995
				CANCEL/SUSPEND

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 281/30 CW 101/30	NOPT	HOGGA	IF/IAF	2300
2. 101/30 CW 191/30		ZABIN	IAF	2600
3. 191/30 CW 281/30		WEBTO	IAF	2300

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZABIN	IAF	HOGGA	NOPT	TF	FB	1.00	100.55	6.23	2300
WEBTO	IAF	HOGGA	NOPT	TF	FB	1.00	280.70	6.23	2300
HOGGA	IF/IAF	SETLE		TF	FB	1.00	010.63	5.96	1900
SETLE	FAF	YALTY/2.23 NM TO RW01		TF	FB	0.30	010.63	2.83	
YALTY/2.23 NM TO RW01		RW01	MAP	TF	FO	0.30	010.63	2.23	
RW01	MAP	453 MSL		CA			010.63		
453 MSL		BOLLU		DF	FO	1.00			2900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2900 DIRECT BOLLU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
- 2. HOLD S HOGGA, RT, 010.63 INBOUND, 2300 FT. IN LIEU OF PT (IAF), MAX 10000.
- 3. **FAC:** 010.63 **FAF:** SETLE **DIST FAF TO MAP:** 5.06 **DIST FAF TO THLD:** 5.06
- 4. **MIN ALT:** HOGGA 2300, SETLE 1900, YALTY/2.23 NM TO RW01 1000
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **200 HAT:** 0.51 **GS ANT:**
- 6. **MIN GP INCPT:** 1900 **GP ALT AT PFAF:** SETLE 1900 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 53.7
- 8. **MSA FROM:**

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
 CHART NOTE: CIRLCING NA FOR CATS B AND C W OF RWY 1-19.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 190.68 INBOUND.
 CHART FAS OBST: 379 TREE 351233N/0914500W.
 CHART VDP AT 1.09 NM TO RW01.
 WAAS CHANNEL # 81824
 REFERENCE PATH ID: W01A
 LTP HAE: 44.5 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												
LPV DA	453	1/2	200	453	1/2	200	453	1/2	200		NA					
LNAV/VNAV DA	537	1/2	284	537	1/2	284	537	1/2	284		NA					
LNAV MDA	640	1/2	387	640	1/2	387	640	5/8	387		NA					
CIRCLING	760	1	495	760	1	495	780	1 1/2	515		NA					



CHANGES - REASONS

1. TERMINAL ROUTES, INITIAL SEGMENT FIX ZABIN TO FIX HOGGA CHANGED COURSE FROM 100.56 TO 100.55 AND INCREASED DISTANCE FROM 5.00 NM TO 6.23 NM. - FIX ZABIN MOVED 1.23 NM WEST DUE TO MIN SEGMENT LENGTH BASED ON SUM OF DTAS WITH NEW HISTORICAL WINDS (2019-2023).
2. TERMINAL ROUTES, INITIAL SEGMENT FIX WEBTO TO FIX HOGGA CHANGED COURSE FROM 280.68 TO 280.70 AND INCREASED DISTANCE FROM 5.00 NM TO 6.23 NM. - FIX WEBTO MOVED 1.23 NM EAST DUE TO MIN SEGMENT LENGTH BASED ON SUM OF DTAS WITH NEW HISTORICAL WINDS (2019-2023).
3. TERMINAL ROUTES, INTERMEDIATE SEGMENT FIX HOGGA TO FIX SETLE CHANGED COURSE FROM 010.62 TO 010.63 AND DECREASED DISTANCE FROM 6.04 NM TO 5.96 NM. – FIX SETLE MOVED 448.5 FT SOUTH TO ALIGN PFAF WITH ILS OR LOC RWY 1 AMDT 1 PFAF.
4. TERMINAL ROUTES, FINAL SEGMENT, ADDED FINAL STEPDOWN FIX YALTY/2.23 NM TO RW01 WITH UPDATED SEGMENT DISTANCES AND CHANGED FINAL COURSE FROM 010.64 TO 010.63. – FIX SETLE MOVED 448.5 FT SOUTH AND STEPDOWN FIX ADDED DUE TO NEW OBSTACLE EVALUATION AND NEW TERRAIN DATABASE.
5. TERMINAL ROUTES, MISSED APPROACH CLIMB-TO LEG, LOWERED CLIMB-TO ALTITUDE FROM 573 MSL TO 453 MSL. – LPV MINIMA LOWERED.
6. MISSED APPROACH, ADDED MAP, LNAV/VNAV: DA. – ESTABLISHED LNAV/VNAV MINIMUMS.
7. MISSED APPROACH INSTRUCTIONS, ADDED "CLIMB-IN HOLD TO 2900". – LPV MINIMUMS LOWERED AND AIRCRAFT MISSED APPROACH CLEARANCE LIMIT ALTITUDE IS 2879 FT.
8. PROFILE LINE 2, HOLDING COURSE CHANGED FROM 010.62 TO 010.63 AND ADDED MAX ALTITUDE 10000 TO HILPT. – FIX HOGGA TO FIX SETLE COURSE CHANGED AND MAX ALTITUDE REQUIRED IAW FAAO 8260.19J PARA 8-6-7.B.(2).
9. PROFILE LINE 3, FAC CHANGED FROM 010.64 TO 010.63, AND INCREASED DIST FAF TO MAP AND THLD FROM 4.98 NM TO 5.06 NM – FAF SETLE MOVED 448.5 FT SOUTH.
10. PROFILE LINE 4, ADDED YALTY/2.23 NM TO RW01 1000. – FINAL STEPDOWN FIX ADDED AS NAMED ATD FIX.
11. PROFILE LINE 5, ADDED "DISTANCE TO THLD FROM 200 HAT: 0.51" AND DELETED ADDITIONAL FLIGHT DATA "DISTANCE TO THLD FROM 320 HAT: 0.39 NM" – LPV MINIMUMS LOWERED AND DOCUMENTED IAW FAAO 8260.19J PARA 8-6-7.E.(3).
12. PROFILE LINE 6 AND LINE 7, UPDATED "GS" ABBREVIATION TO "GP". – DOCUMENTATION IAW FAAO 8260.19J PARA 8-6-7.F.(1) AND 8-6-7.G.(1).
13. PROFILE LINE 7, ADDED 20:1 IS CLEAR. – REQUIRED IAW FAAO 8260.19J PARA 8-6-7.G.(3)(A).
14. PBN EQUIPMENT REQUIREMENT NOTES, ADDED RNP APCH – GPS, AND DELETED NOTE: DME/DME RNP-0.3 NA. – UPDATED NAVSPEC/SENSOR IAW FAAO 8260.19J PARA 8-6-8.D.
15. NOTES, CHANGED ALL ALTIMETER SOURCE REFERENCES FROM AIRPORT NAME TO LOCATION ID. – LOCATION ID USED IAW FAAO 8260.19J PARA 8-6-10.E.
16. NOTES, ADDED CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C". – LNAV/VNAV MINIMUMS ADDED TO PROCEDURE.
17. NOTES, MOVED SECONDARY ALTIMETER VDP NA CHART NOTE TO 8260-9 PART C GENERAL REMARKS AND ADDED BARO-VNAV NA. – DOCUMENTED IAW FAAO 8260.19J PARA 8-6-10.E.(8), 8-6-10.E.(9), AND 8-6-10.F.(3), AND ADDED LNAV/VNAV MINIMUMS TO PROCEDURE.
18. NOTES, INOPERATIVE ALS CHART, DELETED LPV VISIBILITY INCREASE AND ADDED LNAV/VNAV VISIBILITY INCREASE TO READ "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 SM". – LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, AND UPDATED VISIBILITIES IAW FAAO 8260-3F SECTION 3-3 AND INOPERATIVE TABLE, AND DOCUMENTED IAW FAAO 8260.19J PARA 8-6-12.O.(3).
19. NOTES, MOVED SECONDARY ALTIMETER CHART NOTE TO 8260-9 PART C GENERAL REMARKS AND UPDATED BASED ON NEW MINIMUMS. – DOCUMENTED IAW FAAO 8260.19K PARA 8-6-2.N.(1)(A)2 AND PARA 8-6-10.F.(3); LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, UPDATED VISIBILITIES IAW FAAO 8260.3F SECTION 3-3.
20. NOTES, MOVED INOPERATIVE ALS CHART NOTE TO 8260-9 PART C GENERAL REMARKS, AND UPDATED BASED ON NEW MINIMUMS. - DOCUMENTED IAW FAAO 8260.19J PARA 8-6-12.O.(3) AND FAAO 8260.19J PARA 8-6-10.F.(3), LOWERED LPV MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS, UPDATED VISIBILITIES IAW FAAO 8260.3F SECTION 3-3 AND INOPERATIVE TABLE.
21. ADDITIONAL FLIGHT DATA, FAS CONTROLLING OBSTACLE CHANGED FROM 369 TREE 351230N/0914454W TO 379 TREE 351233.00N/0914500.00W. – UPDATED OBSTACLE EVALUATION BASED ON FINAL SEGMENT REDESIGN AND NEW TERRAIN DATABASE.
22. ADDITIONAL FLIGHT DATA, VDP DISTANCE INCREASED FROM 1.03 MILES TO 1.09 MILES AND DELETED ASTERISK AFTER "RW01" AND DELETED ASSOCIATED CHART PLANVIEW NOTE "LNAV ONLY". – VDP INCREASED DUE TO MDA INCREASE, AND ASTERISK/LNAV ONLY RESTRICTION NO LONGER REQUIRED IAW FAAO 8260.19J.
23. MINIMUMS, LOWERED LPV FROM DA 573/HAT 320 TO DA 453/HAT 200. – UPDATED OBSTACLE EVALUATION; OBSTACLE ACCURACY ONLY APPLIED IF OBSTACLE PENETRATES THE OCS TO BECOME THE APV FINAL SEGMENT CONTROLLING OBSTACLE IAW FAAO 8260.19J PARA 2-11-5.C.(3)(A).
24. MINIMUMS, ESTABLISHED LNAV/VNAV MINIMUMS. – PROCEDURE REDESIGN.
25. MINIMUMS, INCREASED LNAV FROM MDA 620/HAT 367 TO MDA 680/HAT427, AND INCREASED VISIBILITY CAT C FROM 5/8 SM TO 3/4 SM. – NEW FAS OBSTACLE, CANNOT ACHIEVE 60 FT MDA REDUCTION WITH A STEPDOWN FIX, AND UPDATED VISIBILITY IAW FAAO 8260.3F SECTION 3-3.
26. CRC REMAINDER CHANGED FROM 062AE3B4 TO FCEBE99B AND FPAP LAT/LONG CHANGED FROM TO 351336.2700N/0914359.2400W TO 351336.2720N/0914359.2580W. – PFAF MOVED 448.5 FT SOUTH.



AIRPORT ID
SRC

PROCEDURE NAME
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT
2

CITY
SEARCY

STATE
AR

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

OTHER: ZME, LIT APP CON, AMGR.

FLIGHT CHECKED BY

COLTON CROWDER

Digitally signed by
CASIMIR L TABAKA
Jul 17, 2025

OFFICE

AJF

DATE

07/10/2025

DEVELOPED BY

MICHAEL MCCARTNEY

Digitally signed by
MICHAEL A MCCARTNEY
Apr 02, 2025

Digitally signed by
CASIMIR L TABAKA
Jul 17, 2025

OFFICE

AJV-A431

DATE

02/07/2025

APPROVED BY

ERIC N SUSKI

OFFICE

AJV-A431

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSRC
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	351209.1950N
LTP/FTP LONGITUDE	0914423.0575W
LTP/FTP ELLIPSOIDAL HEIGHT	+00445
FPAP LATITUDE	351336.2720N
FPAP LONGITUDE	0914359.2580W
THRESHOLD CROSSING HEIGHT (TCH)	00053.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FCEBE99B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00717
FPAP ORTHOMETRIC HEIGHT	+00717

