

**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> KHEE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 18	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HELENA/WEST HELENA	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 242	<u>TDZE</u> 241	<u>SUPERSEDED</u> RNAV (GPS) RWY 17	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 089/30 CW 269/30	NOPT	089/20 CW 269/20		2100
2. 089/20 CW 269/20		BILAC	IF/IAF	1900
3. 269/30 CW 089/30		269/20 CW 089/20		2100
4. 269/20 CW 089/20		BILAC	IF/IAF	1900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BILAC	IF/IAF	HIVDA		TF	FB	1.00	179.46	6.04	1900
HIVDA	FAF	BAFZU/2.23 NM TO RW18		TF	FB	0.30	179.46	2.83	
BAFZU/2.23 NM TO RW18		RW18	MAP	TF	FO	0.30	179.46	2.23	
RW18	MAP	542 MSL		CA			179.46		
542 MSL		DACED		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 DIRECT DACED AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD N BILAC, RT, 179.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 5000.
3. FAF: 179.46FAF: HIVDADIST FAF TO MAP: 5.06DIST FAF TO THLD: 5.06
4. MIN ALT: BILAC 1900, HIVDA 1900, BAFZU/2.23 NM TO RW18 1000
5. DIST TO THLD FROM OM:MM:IM:150 HAT:301 HAT: 0.79GS ANT:
6. MIN GP INCPT: 1900GP ALT AT PFAF : HIVDA 1900OM:MM:IM:
7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 47.7
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE TUNICA ALTIMETER SETTING.
CHART NOTE: RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 359.46 INBOUND.
CHART FAS OBST: 489 TREE 343719N/0903950W.
WAAS CHANNEL # 86941
REFERENCE PATH ID: W18A
CHART CIRCLING ICON.
CHART TUNICA AWOS-3.
LTP HAE: 46.5 M

MINIMUMS:

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

ALTERNATE: NA ☒

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	542	1	301	542	1	301	542	1	301	542	1	301			
LNAV/VNAV DA	710	1 3/8	469	710	1 3/8	469	710	1 3/8	469	710	1 3/8	469			
LNAV MDA	740	1	499	740	1	499	740	1 3/8	499	740	1 3/8	499			
CIRCLING	840	1	598	840	1	598	980	2	738	980	2 1/4	738			



CHANGES - REASONS

1. RUNWAY RENUMBERED FROM RWY 17 TO RWY 18. - NEW SURVEY.
2. TERMINAL ROUTE BILAC TO HIVDA LENGTH CHANGED FROM 6.03 TO 6.04. - FIX HIVDA MOVED TO ALIGN WITH NEW SURVEY VGSI.
3. TERMINAL ROUTE HIVDA TO RWY 17 5.07 NM REPLACED WITH HIVDA TO BAFZU, 2.83 NM AND BAFZU TO RWY 18, 2.23 NM. - SDF ADDED DUE TO NEW SURVEY OBSTACLES.
4. TERMINAL ROUTE CA ALTITUDE CHANGED FROM 538 TO 542. - NEW MINIMUM.
5. PROFILE LINE TWO CHANGED FROM HOLD N BILAC, RT, 179.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF) TO HOLD N BILAC, RT, 179.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 5000. - 8216.19I COMPLIANCE.
6. PROFILE LINE THREE CHANGED DIST FAF TO MAP: 5.07, THLD: 5.07 TO DIST FAF TO MAP: 5.06, DIST FAF TO THLD: 5.06. - FIX HIVDA MOVED TO ALIGN WITH NEW SURVEY VGSI.
7. PROFILE LINE FOUR CHANGED FROM BILAC 1900, HIVDA 1900 TO BILAC 1900, HIVDA 1900, BAFZU/2.23 NM TO RWY18 1000. - SDF ADDED.
8. PROFILE LINE FIVE ADDED 301 HAT: 0.79. - 8260.19I COMPLIANCE.
9. PROFILE LINE SEVEN ADDED 20:1 IS CLEAR. - 8260.19I COMPLIANCE.
10. PROFILE LINE SEVEN CHANGED TCH FROM 45.0 TO 47.7. - RAISED TO ALIGN WITH VGSI.
11. PBN REQUIREMENTS NOTE ADDED RNP APCH - GPS. - 8260.19I COMPLIANCE.
12. NOTE CHANGED FROM CHART NOTE: CIRCLING TO RWY 8-26 NA AT NIGHT. TO CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT. - 8260.19I COMPLIANCE, RUNWAYS RENUMBERED.
13. NOTE DELETED CHART NOTE: DME/DME RNP-0.3 NA. - 8260.19I COMPLIANCE.
14. NOTE CHANGED FROM RWY 17 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED TO RWY 18 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - RUNWAY RENUMBER.
15. NOTE CHANGED FROM USE TUNICA, MS ALTIMETER SETTING. TO USE TUNICA ALTIMETER SETTING. - 8260.19I COMPLIANCE.
16. ADDITIONAL FLIGHT DATA FAS OBSTACLE CHANGED FROM CHART FAS OBST: 473 TREE 343829N/0904046W. TO CHART FAS OBST: 489 TREE 343719N/0903950W. - NEW EVALUATION.
17. ADDITIONAL FLIGHT DATA REMOVED DISTANCE TO THLD FROM 297 HAT: 0.79 NM. - 8260.19I COMPLIANCE.
18. ADDITIONAL FLIGHT DATA REFERENCE PATH ID CHANGED FROM W17A TO W18A. - RUNWAY RENUMBERED.
19. ADDITIONAL FLIGHT DATA CHANGED CHART TUNICA, MS AWOS-3 FREQUENCY TO CHART TUNICA AWOS-3. - 8260.19I COMPLIANCE.
20. MINIMUMS LPV DA/HAT CHANGED FROM 538/297 TO 542/301. - NEW EVAL MISSED APPROACH ADJUSTMENT.
21. MINIMUMS LNAV/VNAV DA/HAT/VIS CHANGED FROM 577/336/1 TO 710/469/1 3/8. - NEW EVAL, NEW OBSTACLES.
22. MINIMUMS LNAV HAT/MDA CHANGED FROM 780/539 TO 740/499. - NEW EVAL WITH SDF ADDED.
23. MINIMUMS CIRCLING MDA/HAA CHANGED CAT A/B FROM 820/578 TO 840/598 CAT D VISIBILITY FROM 2 TO 2 1/4. - NEW EVAL, NEW OBSTACLES.
24. FAS DATA LTP/FTP LAT/LONG CHANGED FROM 343509.1540N/0904039.4200W TO 343509.2040N/0904039.4145W. - NEW SURVEY.
25. FAS DATA CRC REMAINDER CHANGED FROM 3A526556 TO 61496FED. - NEW SURVEY.
26. FAS DATA REFERENCE PATH IDENTIFIER CHANGED FROM W17A TO W18A. - RUNWAY RENUMBER.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZME, APT MGR, ST AV DIR

FLIGHT CHECKED BY

MICHAEL S MILLER

Digitally signed by

CASIMIR L TABAKA

Sep 20, 2022

OFFICE

FPO

DATE

08/25/2022

DEVELOPED BY

JOHN KEEFER

Digitally signed by

CASIMIR L TABAKA

Jul 07, 2022

OFFICE

AJV-A432

DATE

06/09/2022

APPROVED BY

CASIMIR TABAKA

Digitally signed by

CASIMIR L TABAKA

Jul 07, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHEE
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	343509.2040N
LTP/FTP LONGITUDE	0904039.4145W
LTP/FTP ELLIPSOIDAL HEIGHT	+00465
FPAP LATITUDE	343339.9100N
FPAP LONGITUDE	0904040.2900W
THRESHOLD CROSSING HEIGHT (TCH)	00047.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	61496FED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00735
FPAP ORTHOMETRIC HEIGHT	+00735

