

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 36	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HELENA/WEST HELENA	<u>STATE</u> AR		
<u>AIRPORT ELEVATION</u> 242	<u>TDZE</u> 240	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<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. 269/30 CW 089/30	NOPT	DACED	IF/IAF	1900
2. 089/30 CW 269/30		DACED	IF/IAF	1900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DACED	IF/IAF	UNLOW		TF	FB	1.00	359.46	6.03	1900
UNLOW	FAF	TILOC/2.00 NM TO RW36		TF	FB	0.30	359.46	3.07	
TILOC/2.00 NM TO RW36		RW36	MAP	TF	FO	0.30	359.46	2.00	
RW36	MAP	487 MSL		CA			359.46		
487 MSL		BILAC		DF	FO	1.00			1900

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW36

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1900 DIRECT BILAC AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD S DACED, RT, 359.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 5000.

3. FAC: 359.46FAF: UNLOWDIST FAF TO MAP: 5.07DIST FAF TO THLD: 5.07

4. MIN ALT: DACED 1900, UNLOW 1900, TILOC/2.00 NM TO RW36 900

5. DIST TO THLD FROM OM:MM:IM:150 HAT:247 HAT: 0.63GS ANT:

6. MIN GP INCPT: 1900GP ALT AT PFAF : UNLOW 1900OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 47.6

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE TUNICA ALTIMETER SETTING.
CHART NOTE: CIRCLING RWY 9, 27 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 179.46 INBOUND.
CHART FAS OBST: 362 TREE (05-070423) 343321N/0904012W.
WAAS CHANNEL # 49041
REFERENCE PATH ID: W36A
CHART CIRCLING ICON.
CHART TUNICA AWOS-3.
LTP HAE: 45.4 M

MINIMUMS:

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

ALTERNATE: NA

X

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	487	1	247	487	1	247	487	1	247	487	1	247			
LNAV/VNAV DA	672	1 1/4	432	672	1 1/4	432	672	1 1/4	432	672	1 1/4	432			
LNAV MDA	660	1	420	660	1	420	660	1 1/8	420	660	1 1/8	420			
CIRCLING	840	1	598	840	1	598	980	2	738	980	2 1/4	738			



CHANGES - REASONS

1. RUNWAY RENUMBERED FROM 35 TO 36. - NEW SURVEY.
2. TERMINAL ROUTE DACED TO UNLOW DISTANCE CHANGED FROM 6.02 TO 6.03. - UNLOW MOVED TO ALIGN WITH NEW VGSI AND SURVEY.
3. TERMINAL ROUTE UNLOW TO TILOC/2.00 NM TO RW36 CHANGED FROM 3.08 TO 3.07. - UNLOW MOVED.
4. TERMINAL ROUTE CA LEG ALTITUDE CHANGED FROM 537 TO 487. - LPV MINS LOWERED.
5. PROFILE LINE TWO CHANGED FROM HOLD S DACED, RT, 359.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF) TO HOLD S DACED, RT, 359.46 INBOUND, 1900 FT. IN LIEU OF PT (IAF), MAX 5000. - 8260.19I COMPLIANCE.
6. PROFILE LINE 3 CHANGED FROM DIST FAF TO MAP: 5.08, THLD: 5.08 TO DIST FAF TO MAP: 5.07, DIST FAF TO THLD: 5.07. - FAF UNLOW MOVED TO ALIGN WITH NEW VGSI AND SURVEY.
7. PROFILE LINE 4 CHANGED FROM UNLOW 1900, TILOC/2.00 NM TO RW35 900* TO DACED 1900, UNLOW 1900, TILOC/2.00 NM TO RW35 900. - 8260.19I COMPLIANCE.
8. PROFILE LINE 5 ADDED 247 HAT: 0.63. - 8260.19I COMPLIANCE.
9. PROFILE LINE 7 CHANGED TCH FROM 45.0 TO 47.6. - RAISED TCH TO ALIGN WITH VGSI.
10. PROFILE LINE 7 ADDED 20:1 IS CLEAR. - EVALUATION HAS NO 20:1 OBSTACLES.
11. CHART NOTE DELETED "DME/DME RNP-0.3 NA". - 8260.19I COMPLIANCE.
12. CHART NOTE CHANGED FROM "CIRCLING TO RWY 8-26 NA AT NIGHT" TO "CIRCLING RWY 9, 27 NA AT NIGHT". RUNWAY RENUMBERING, 8260.19I COMPLIANCE.
13. CHANGED CHART NOTE FROM CHART NOTE: USE TUNICA, MS ALTIMETER SETTING. TO CHART NOTE: USE TUNICA ALTIMETER SETTING. - 8260.19I COMPLIANCE.
14. PBN REQUIREMENTS NOTE ADDED "RNP APCH-GPS". - 8260.19I COMPLIANCE.
15. PROFILE NOTE *LNAV ONLY DELETED. - 8260.19I COMPLIANCE.
16. ADDITIONAL FLIGHT DATA FAS OBST CHANGED FROM CHART FAS OBST: 363 TREE 343321N/0904012W TO CHART FAS OBST: 362 TREE (05-070423) 343321N/0904012W. - NEW EVALUATION.
17. ADDITIONAL FLIGHT DATA DELETED DISTANCE TO THLD FROM 297 HAT: 0.79 NM. - 8269.19I COMPLIANCE.
18. ADDITIONAL FLIGHT DATA NOTE CHANGED FROM CHART TUNICA, MS AWOS-3 FREQUENCY. TO CHART TUNICA AWOS-3. - 8260.19I COMPLIANCE.
19. ADDITIONAL FLIGHT DATA REFERENCE PATH ID FROM REFERENCE PATH ID: W35A TO REFERENCE PATH ID: W36A. - RUNWAY NUMBER CHANGED.
20. MINIMUMS LPV DA/HAT CHANGED FROM 537/297 TO 487/247. - NEW EVAL.
21. MINIMUMS LNAV/VNAV DA/HAT CHANGED FROM 670/430 TO 672/432. - NEW EVAL.
22. MINIMUMS CIRCLING MDA/HAA CHANGED FROM 820/578 TO 840/598. - NEW EVAL.
23. LTP LAT LONG CHANGED FROM 343419.7420N/0904039.8965W TO 343419.7445N/0904039.8945W. - NEW SURVEY
24. FPAF LAT/LONG CHANGED FROM 343548.9900N/0904039.0300W TO 343548.9915N/0904039.0280W. - NEW EVAL, LTP MOVED.
25. CRC REMAINDER CHANGED FROM 2BAD92F3 TO 85E77E8A. - NEW EVAL LTP MOVED.
26. FAS DATA: LENGTH OFFSET CHANGED FROM 1232 TO 1224 - NEW SURVEY.
27. FAS DATA: VERTICAL ALERT LIMIT (VAL) CHANGED FROM 50 TO 35 - LPV HAT LOWERED FROM 297 TO 247.

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**
MANAGERQUALITY
20
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHEE
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	343419.7445N
LTP/FTP LONGITUDE	0904039.8945W
LTP/FTP ELLIPSOIDAL HEIGHT	+00454
FPAP LATITUDE	343548.9915N
FPAP LONGITUDE	0904039.0280W
THRESHOLD CROSSING HEIGHT (TCH)	00047.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	85E77E8A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00724
FPAP ORTHOMETRIC HEIGHT	+00724