

**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</u> SIERRA VISTA MUNI-LIBBY AAF	<u>AIRPORT ID</u> KFHU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> FORT HUACHUCA SIERRA VISTA	<u>STATE</u> AZ
<u>AIRPORT ELEVATION</u> 4719	<u>TDZE</u> 4719	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 08/16/2018	<u>MAG VAR</u> 10E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TOMBS		PUGDE		TF	FB	1.00	279.82	15.62	10000
PUGDE		ZEMBI		TF	FB	1.00	224.19	9.95	8500
TUS VORTAC		ZEMBI		TF	FB	1.00	137.27	24.05	8500
ZEMBI	IAF	BABOO		TF	FB	1.00	169.73	10.20	8500
BABOO	IF	HESTU		TF	FB	1.00	079.73	7.00	7300
HESTU		RUGEE		TF	FB	1.00	079.80	2.91	6400
RUGEE	FAF	TABHU/2.30 NM TO RW08		TF	FB	0.30	079.83	2.79	
TABHU/2.30 NM TO RW08		RW08	MAP	TF		0.30	079.86	2.30	
RW08	MAP	4919 MSL		CA			079.86		
4919 MSL		WODRI		DF	FB	1.00			
WODRI		JORTO		TF	FO	1.00	017.85	9.48	9500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 9500 DIRECT WODRI AND ON TRACK 017.85 TO JORTO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

- 1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
- 2. PROFILE STARTS AT BABOO
- 3. **FAC:** 079.83 **FAF:** RUGEE **DIST FAF TO MAP:** 5.09 **DIST FAF TO THLD:** 5.09
- 4. **MIN ALT:** BABOO 8500, HESTU 7300, RUGEE 6400, TABHU/2.30 NM TO RW08 5500*
- 5. **DIST TO THLD FROM OM:** **MM:** **IM:** **200 HAT:** 0.44 **GS ANT:**
- 6. **MIN GP INCPT:** 6400 **GP ALT AT FAF :** RUGEE 6400 **OM:** **MM:** **IM:**
- 7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 59.0
- 8. **MSA FROM:** RW08 16000

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 *LNAV ONLY
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT TUS VORTAC ON AIRWAY RADIALS 081 CW 176.
 CHART NOTE: CIRCLING NA SOUTH OF RWY 8-30.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C OR ABOVE 47C.

ADDITIONAL FLIGHT DATA:

5324 AAO 313352N/1102812W
 CHART ASR/PAR
 5054 POWERLINE 313447N/1102503W
 CHART R-2303A/B/C, R-2312
 CHART VDP AT 1.60 NM TO RW08*
 *LNAV ONLY
 WAAS CHANNEL #82123
 REFERENCE PATH ID: W08A
 CHART FAS OBST: 5029 POWERLINE 313441N/1102439W.
 HOLD E, RT, 289.38 INBOUND
 LTP HAE: 1410.2 M



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

ALTERNATE: NA STANDARD - NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	4919	3/4	200	4919	3/4	200	4919	3/4	200	4919	3/4	200				
LNAV/VNAV DA	5059	1 1/8	340	5059	1 1/8	340	5059	1 1/8	340	5059	1 1/8	340				
LNAV MDA	5280	1	561	5280	1	561	5280	1 5/8	561	5280	1 5/8	561				
CIRCLING	5280	1	561	5280	1	561	5280	1 5/8	561	5280	2	561				

CHANGES - REASONS

- ALL MAG COURSES INCREASED 3 DEG - PER APT MVAR UPDATE FROM 1965/E13 TO 2015/E10.
- CHANGED NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 47C (117F) TO READ FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C OR ABOVE 47C - PER 19H.

8/7/19. THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/16/19.

- MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 9500 DIRECT WODRI AND ON TRACK 014.85 TO JORTO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9500." TO "CLIMB TO 9500 DIRECT WODRI AND ON TRACK 017.85 TO JORTO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9500."
- CHANGED CHART PLANVIEW NOTE FROM "PROCEDURE FOR ARRIVAL AT TUS VORTAC ON AIRWAY RADIALS 081 CW 176" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT TUS VORTAC ON AIRWAY RADIALS 081 CW 176".
- THRE 4719 CHANGED TO TDZE 4719.
- PBN EQUIPMENT REQUIREMENTS NOTE "RPN APCH" CHANGED TO "RNP APCH".

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAB, FHU ATCT, HQ USAASA, AIRPORT MANAGER, ST. AV. DIR, ATA

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by
ALLAN WILL
Aug 09, 2019

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG

Aug 07, 2019

OFFICE

AJV-A423

DATE

05/07/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
Aug 09, 2019

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFHU
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	313515.2280N
LTP/FTP LONGITUDE	1102201.3795W
LTP/FTP ELLIPSOIDAL HEIGHT	+14102
FPAP LATITUDE	313515.4600N
FPAP LONGITUDE	1101942.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	2EBC06A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14384
FPAP ORTHOMETRIC HEIGHT	+14384

