

**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> I18	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> RAVENSWOOD	<u>STATE</u> WV		
<u>AIRPORT ELEVATION</u> 758	<u>TDZE</u> 753	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/28/2019	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
MORAN		VUNJU		TF	FO	1.00	233.48	27.93	2700
CUSTO	IAF	VUNJU	NOPT	TF	FB	1.00	318.48	8.68	2600
VUNJU	IF/IAF	ERFAM		TF	FB	1.00	036.52	6.37	2100
ERFAM	FAF	RW04	MAP	TF	FO	0.30	036.56	4.12	
RW04	MAP	1158 MSL		CA			036.56		
1158 MSL		GEMEH		DF	FO	1.00			2700

**MISSED APPROACH**

**MAP:**

LNAV: RW04

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT GEMEH AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

1. PT                  SIDE OF COURSE                  OUTBOUND                  FT WITHIN                  MILES OF                  (IAF)
2. HOLD SW VUNJU, RT, 036.52 INBOUND, 2600 FT. IN LIEU OF PT (IAF), MAX 5000.
3. FAC: 036.56                  FAF: ERFAM                  DIST FAF TO MAP: 4.12                  DIST FAF TO THLD: 4.12
4. MIN ALT:    VUNJU 2600, ERFAM 2100
5. DIST TO THLD FROM OM:                  MM:                  IM:                  150 HAT:                  GS ANT:
6. MIN GP INCPT:                  GP ALT AT FAF :                  OM:                  MM:                  IM:
7. GP ANGLE:                  34:1: IS NOT CLEAR                  20:1: IS NOT CLEAR                  TCH:
8. MSA FROM:    RW04 3000

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 4 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MORAN ON V115 NORTHBOUND.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUSTO ON V133 SOUTHBOUND.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POINT PLEASANT ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE LNAV CAT C VISIBILITY 1/8 SM AND CIRCLING CAT C VISIBILITY 1/4 SM.  
 CHART NOTE: STRAIGHT-IN RWY 4 NA AT NIGHT, CIRCLING RWY 4 NA AT NIGHT.

**ADDITIONAL FLIGHT DATA:**

ERFAM TO RW04: 3.00/50.  
 HOLD NE, RT, 216.66 INBOUND.  
 FAS OBST: 1139 AAO 385129N/0815055W.

**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
LNAV MDA	1400	1	647	1400	1	647	1400	1 7/8	647		NA				
CIRCLING	1600	1 1/4	842	1600	1 1/4	842	1600	2 1/2	842		NA				

**CHANGES - REASONS**

1. DELETED INITIAL ROUTE FROM HENDERSON VORTAC (HNN) TO VUNJU. - PER FPT REQUEST PENDING HNN VORTAC REMOVAL (VOR MON).
2. DELETED CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON HNN VORTAC AIRWAY RADIALS 233 CW 265. - PER FPT REQUEST PENDING HNN VORTAC REMOVAL (VOR MON).
3. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH - GPS. - IAW 8260.191 PARA 8-6-8.B (3)(B).
4. DELETED FROM ADDITIONAL FLIGHT DATA: CHART ARRIVAL HOLDING AT HNN VORTAC: HOLD SW, RT, 56.67 INBOUND, 2700. - PER FPT REQUEST PENDING HNN VORTAC REMOVAL (VOR MON).



**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZID, HTS APP CON, HTS ATCT, UNI ATCT, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE** *Digitally signed by*  
**JON DENTON**  
Mar 02, 2021

**DEVELOPED BY**

JON DENTON (KATHERINE EUBANKS)

*Digitally signed by*  
**JON DENTON**  
Mar 02, 2021

**OFFICE**  
AJV-A432  
**DATE**  
12/31/2020

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*  
**JON DENTON**  
Mar 02, 2021

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER

