

**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 22	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> RAVENSWOOD	<u>STATE</u> WV
<u>AIRPORT ELEVATION</u> 758	<u>TDZE</u> 758	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 02/28/2019
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 OCTOBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 7W
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
MORAN	IAF	GEMEH	NOPT	TF	FB	1.00	274.26	9.52	2700
FARLN	IAF	GEMEH	NOPT	TF	FB	1.00	165.96	18.65	2700
GEMEH	IF/IAF	NOCPO		TF	FB	1.00	216.66	6.40	2100
NOCPO	FAF	RW22	MAP	TF	FO	0.30	216.62	4.09	
RW22	MAP	1158 MSL		CA			216.62		
1158 MSL		VUNJU		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LP: RW22
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT VUNJU AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE GEMEH, RT, 216.66 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 216.62 FAF: NOCPO DIST FAF TO MAP: 4.09 DIST FAF TO THLD: 4.09
- MIN ALT: GEMEH 2700, NOCPO 2100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS CLEAR 20:1: IS CLEAR TCH:
- MSA FROM: RW22 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 4 NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: VDP NA WHEN USING 312 ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MORAN ON V115 NORTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE 312 ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET; INCREASE LP VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 036.52 INBOUND.
CHART FAS OBST: 1229 STACK (54-000042) 385611N/0814936W, 1019 TREE 385732N/0814809W.
CHART VDP AT 1.11 NM TO RW22.
WAAS CHANNEL # 61323
REFERENCE PATH ID: W22A
NOCPO TO RW22: 3.00/40.
LTP HAE: 197.1 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
LP MDA	1280	1	522	1280	1	522	1280	1 1/2	522		NA				
LNAV MDA	1540	1	782	1540	1 1/4	782	1540	2 1/2	782		NA				
CIRCLING	1600	1 1/4	842	1600	1 1/4	842	1600	2 1/2	842		NA				

CHANGES - REASONS

- INCORPORATED CHANGES FROM PNOTAMS 5/5042 FOR AMDT ORIGA AND 8/4456 FOR AMDT ORIGB - IAW 8260.19J, 8-3-4 C(3).
- PROFILE LINE 2: ADDED "MAX 6000" - IAW 8260.19J, 8-6-7 B(2).
- PROFILE LINE 7: UPDATED 34:1: FROM "IS NOT CLEAR" TO "IS CLEAR" AND ADDED 20:1: "IS CLEAR" - IAW 8260.19J, 8-6-7 G(3)(A).
- PBN REQUIREMENTS NOTE: ADDED "RNP APCH-GPS" AND REMOVED "RNP APCH" - IAW 8620.19J, 8-6-8 D(5)(A)1.
- CHART PROFILE NOTE: UPDATED FROM "VGSI AND DESCENT ANGLES NOT COINCIDENT" TO "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19J 8-6-10 M(1).
- CHART NOTE: ADDED "VDP NA WHEN USING 312 ALTIMETER SETTING" - IAW 8260.19J, 8-6-10 E(8)(9).
- CHART NOTE: UPDATED FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE POINT PLEASANT ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LP AND LNAV CAT C VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE 312 ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET; INCREASE LP VISIBILITY CAT C 1/4 SM AND CIRCLING VISIBILITY CAT C 1/4 SM" - IAW 8260.19J, 8-6-10 E(7).
- CHART NOTE: REMOVED "PROCEDURE NA FOR ARRIVALS AT FARLN ON V133 NORTHBOUND" - V133 REMOVED.
- CHART NOTE: REMOVED "RUNWAY 22 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" - NO 34:1 PENETRATIONS EXIST.
- ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST: FROM "1240 STACK 385611N0814935W" TO "1229 STACK (54-000042) 385611N/0814936W" - IAW 8260.19J, 8-6-11 C.
- ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.11 NM TO RW22" - IAW 8260.19J, 8-6-11 M(2).
- CRC REMAINDER: UPDATED FROM "1EDF88E9" TO "DC7A1D86" - LTP/FTP LATITUDE AND LONGITUDE UPDATED FROM "385804.3575N/0814857.6375W" TO "385604.3515N/0814857.6420W" AND FPAP LATITUDE AND LONGITUDE UPDATED FROM "385446.8000N/0814954.0100W" TO "385446.7895N/0814953.9975W".



COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: AMGR, ZID, HTS ATCT, HTS APP CON, UNI ATCT.

FLIGHT CHECKED BY

MICHAEL G CAMPBELL

Digitally signed by

CASEY D HILL

Jul 30, 2025

OFFICE

AJF

DATE

07/24/2025

DEVELOPED BY

DAVID DANNER (GEORGE H. TYLER)

Digitally signed by

CASEY D HILL

Jul 30, 2025

OFFICE

AJV-A421

DATE

03/04/2025

APPROVED BY

DAVID DANNER

Digitally signed by

CASEY D HILL

Jul 30, 2025

OFFICE

AJV-A421

DATE

10/02/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I18
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	385604.3515N
LTP/FTP LONGITUDE	0814857.6420W
LTP/FTP ELLIPSOIDAL HEIGHT	+01971
FPAP LATITUDE	385446.7895N
FPAP LONGITUDE	0814953.9975W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	DC7A1D86

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02311
FPAP ORTHOMETRIC HEIGHT	+02311

