

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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
EASTERN WV RGNL/SHEPHERD FLD	KMRB	RNAV (GPS) RWY 8	1C	MARTINSBURG	WV	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
565	565	RNAV (GPS) RWY 8	1B	12/06/2018	8W	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		15 AUGUST 2019	ROUTINE			

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>
MRB VORTAC		JOSRU		TF	FO	1.00	267.45	19.93	4100
CAPON	IAF	JOSRU	NOPT	TF	FB	1.00	089.54	7.56	4100
JOSRU	IF/IAF	WAVMU		TF	FB	1.00	078.47	5.91	3000
WAVMU	FAF	VUCUR/4.60 NM TO RW08		TF	FB	0.30	078.53	2.89	
VUCUR/4.60 NM TO RW08		YASUT/2.10 NM TO RW08		TF	FB	0.30	078.53	2.50	
YASUT/2.10 NM TO RW08		RW08	MAP	TF	FO	0.30	078.53	2.10	
RW08	MAP	815 MSL		CA			078.53		
815 MSL		BURGY		DF	FO	1.00			3400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3400 DIRECT BURGY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD W JOSRU, RT, 078.47 INBOUND, 4100 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 078.53FAF: WAVMU

DIST FAF TO MAP: 7.49

DIST FAF TO THLD: 7.49

4. MIN ALT: JOSRU 4100, WAVMU 3000, VUCUR/4.60 NM TO RW08 2080*, YASUT/2.10 NM TO RW08 1280*

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

6. MIN GP INCPT: 3000GP ALT AT FAF : WAVMU 3000OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 50.0

8. MSA FROM: RW08 4100

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART FAS OBSTACLE: 802 TREE 392351N/0780216W
CHART VDP AT 1.39 NM TO RW08*
*LNAV ONLY
WAAS CHANNEL #99633
REFERENCE PATH ID: W08A
HOLD E, LT, 258.80 INBOUND
LTP HAE: 138.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, CAT E 1600-3

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	815	3/4	250	815	3/4	250	815	3/4	250	815	3/4	250	815	3/4	250
LNAV/VNAV DA	998	1 1/4	433	998	1 1/4	433	998	1 1/4	433	998	1 1/4	433	998	1 1/4	433
LNAV MDA	1060	1	495	1060	1	495	1060	1 3/8	495	1060	1 3/8	495	1060	1 3/8	495
CIRCLING	1100	1	535	1240	1	675	1240	2	675	1260	2 1/4	695	2140	3	1575



CHANGES - REASONS

- 1. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14°C (7°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C" - IAW FAAO 8260.19H PARA 8-6-9S.
- 2. REMOVED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT CAPON ON V92 NORTHWEST BOUND" - V92 DELETION DUE TO GRANTSVILLE (GRV) VOR/DME DECOMISSIONING 8/15/2019; VOR MON PROJECT.
- 3. ADDED MISSING RNP VALUE 1.00 FOR MISSED APPROACH - IAW FAAO 8260.19H PARA 4-6-10F.
- 4. UPDATED CAT A CMDA/HAA FROM 1060/495 TO 1100/535 - INCORPORATED PUBLISHED P-NOTAM !8/1746.
- 5. DELETED NOTE: DME/DME RNP-0.3 NA - INCORPORATED PUBLISHED P-NOTAM !8/1746.

PDF EDITS:
1. CIRCLING MINS: CAT A MDA 1100/HAA 535 - KNOWN AUTOMATION ISSUES WITH SIAP AND THE USE OF 2 STEPDOWN FIXES IN FINAL SEGMENT.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** PCT APP CON, ARPT MGR

FLIGHT CHECKED BY

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

Digitally signed by

DONALD H LANIER

DEVELOPED BY

DONALD H. LANIER (ROSALYN REOLA)

Digitally signed by

Apr 26, 2019

APPROVED BY

LONNIE EVERHART

Digitally signed by

DONALD H LANIER

Apr 26, 2019

OFFICE

OFFICE

AJV-A431

OFFICE

AJV-A430

DATE

DATE

03/11/2019

DATE

03/11/2019

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRB
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	392354.0495N
LTP/FTP LONGITUDE	0775951.7700W
LTP/FTP ELLIPSOIDAL HEIGHT	+01381
FPAP LATITUDE	392423.6125N
FPAP LONGITUDE	0775803.3235W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER	F5200C9C
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ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01722
FPAP ORTHOMETRIC HEIGHT	+01722

