

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
GUC	VOR-A	ORIG	GUNNISON	CO		
<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SUPERSEDED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>
7680			NONE		14E	1965
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
HBU	382707.62N/1070222.97W		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>
TAYLR/HBU 25.00 DME		HEBRU/HBU 10.00 DME					201.00 (HBU R-021)	15.00	15000
HEBRU/HBU 10.00 DME		HBU VOR/DME	FAF/IAF				201.00	10.00	12200
PARLI/HBU 12.00 DME		HBU VOR/DME	FAF/IAF				216.52	12.00	12200

MISSED APPROACH

MAP:

6.55 NM AFTER HBU VOR/DME OR AT MADBS/HBU 6.55 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 10500 THEN CLIMBING RIGHT TURN TO 11600 DIRECT HBU VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** R **SIDE OF COURSE** 211.87 **OUTBOUND** 12200 **FT WITHIN** 10 **MILES OF** HBU VOR/DME (IAF)
- 2.
3. **FAC:** 031.87 **FAF:** HBU VOR/DME **DIST FAF TO MAP:** 6.55 **DIST FAF TO THLD:**
4. **MIN ALT:** HBU VOR/DME 10700
8. **MSA FROM:** HBU VOR/DME 130-230 15300, 230-130 14500

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 17 AND 35.
CHART NOTE: PROCEDURE NA WHEN AIRPORT CLOSED, EXCEPT BY PRIOR ARRANGEMENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE, PROCEDURE NA

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 031.00 INBOUND.
FAS OBST: 8954 AAO 382639N/1070145W.
FAC CROSSES MIDPOINT OF RWY 7-25.



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

ALTERNATE: NA ☐ NA EXCEPT STANDARD FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE; CAT A 1600-2, CAT B 1700-2, CAT C 1900-3, CAT D 2400-3.

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
CIRCLING	9260	1 1/4	1580	9340	1 1/2	1660	9540	3	1860	10040	3	2360			

CHANGES - REASONS
ORIGINAL PROCEDURE. - IAW 8260.19K, 8-3-4.A.(1)

COORDINATED WITH:
A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDV, AMGR

FLIGHT CHECKED BY JAMES HAWLEY	<i>Digitally signed by</i> ROBERT G HAMILTON Sep 09, 2026	OFFICE AJF	DATE 07/15/2026
DEVELOPED BY BRYANT SMITH	<i>Digitally signed by</i> ROBERT G HAMILTON Sep 09, 2026	OFFICE AJV-A433	DATE 03/26/2026
APPROVED BY ROBERT G HAMILTON	<i>Digitally signed by</i> ROBERT G HAMILTON Sep 09, 2026	OFFICE AJV-A433	DATE TITLE MANAGER



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD**

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
GUC	VOR-A	ORIG	GUNNISON	CO	7680	HBU

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM TAYLR/HBU 25.00 DME **TO** HEBRU/HBU 10.00 DME

<u>RNP</u>	<u>DISTANCE</u> 15.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	384827.00N/1064848.00W	12405	215	8	4B	2000				AT595	15000
TERRAIN	384827.00N/1064848.00W	12204 (12200)								AS1500	13700

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER: STEPDOWN

FROM HEBRU/HBU 10.00 DME **TO** HBU VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	383436.00N/1070057.00W	9748	215	8	4B	2000				AT452	12200
TERRAIN	383436.00N/1070057.00W	9547 (9500)								AS1500	11000

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM

PARLI/HBU 12.00 DME

TO

HBU VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 12.00	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	383418.00N/1064918.00W	9341	215	8	4B	2000				AT859	12200
TERRAIN	382430.00N/1065827.00W	9064 (9100)								AS1500	10600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: PT

FROM

10 NM

TO

HBU VOR/DME

<u>RNP</u>	<u>DISTANCE</u> 10.00	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	381845.00N/1070824.00W	9679	250	10	4B	500				PR110 AT411	10700
TERRAIN	381845.00N/1070824.00W	9478 (9500)								AS1000	10500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL

FROM

HBU VOR/DME

TO

6.55 NM AFTER HBU VOR/DME OR AT MADBS/HBU 6.55 DME

RNP

DISTANCE

6.55

PAT

MAP

6.55 NM AFTER HBU
VOR/DME OR AT
MADBS/HBU 6.55 DME

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	382639.00N/1070145.00W	8954	215	8	4B	250				XL28 XP28	9260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP TO MAINTAIN CIRCLING CAT A MDA.

PROCEDURE TURN

FROM

HBU VOR/DME

TO

10 NM

RNP

DISTANCE

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	381351.00N/1071927.00W	11523	215	8	4B	1000				SA-781 PR370	12200
TERRAIN	381527.00N/1071948.00W	10534 (10500)								AS1500	12000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSSED APPROACH

FROM
6.55 NM AFTER HBU VOR/DME OR AT MADBS/HBU 6.55 DME

TO
HBU VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 8982			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				11600
AAO	383539.00N/1070303.00W	10128	215	8	4B	1000				PR320	11500
TERRAIN	383539.00N/1070303.00W	9927 (9900)								AS1500	11400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (08-020214)	383135.40N/1065419.80W	1.48	1580	8724	250	50	4D	300		AC50 XP186	9260
CATEGORY B											
TOWER (08-020214)	383135.40N/1065419.80W	2.14	1660	8724	250	50	4D	300		AC50 XP266	9340
CATEGORY C											
AAO	383442.00N/1065148.00W	3.43	1860	9210	215	8	4B	300		XP30	9540
CATEGORY D											
TERRAIN (08-055225)	383356.98N/1065059.41W	4.56	2360	8943	20	3	1A	300		XP779	10040

CIRCLING REMARKS:

XP CIRCLING CAT A, CAT B, CAT C, AND CAT D ADJUSTMENTS TO MATCH ILS CIRCLING MINIMUMS.

MSA

CENTER

HBU VOR/DME

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
130-230	AAO	375912.00N/1065554.00W	156	28.4	14206	215	8	4B	1000			15300
230-130	AAO	384109.00N/1063718.00W	040	24.2	13465	215	8	4B	1000			14500

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZDV ARTCC, DEN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	GUC	24	GUC		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
HBU VOR/DME	POCC	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW35		
RW17		
RW25 - HIRL, REIL, PAPI-4L (PCL)	NPI-G	
RW07 - MALSF (PCL), HIRL, PAPI-4L (PCL)	PIR-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☐	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

30 FOOT VEGETATION HEIGHT USED.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - CIRCLING ONLY.

PER FPT NO SUITABLE BACK-UP WEATHER SOURCE.

FAC AIMING AT GUC ARP (383203.60N/1065554.30W)

ORDER 8260.3 CHAPTER 2 APPLIED TO 8954 TERRAIN+AAO 382639N/1070145W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	13.55
WIDTH OF	INTERMEDIATE	SEGMENT AT 1000FT POINT	4.80
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	45.87
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1000FT POINT	9500
DISTANCE FROM	MAP	TO 1500FT POINT	16.55
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	6.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	45.87
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	9500

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	383203.60N/1065554.30W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 25 DISTANCE 0.91 NM
FAF COORDINATES	382707.62N/1070222.97W
FIX NAME COORDINATES	MAP MADBS 383141.60N/1065623.24W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
BRYANT SMITH	AJV-A433	03/26/2026	AERONAUTICAL INFORMATION SPECIALIST

