

**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><b>AIRPORT ID</b></u> KCNB	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> CANBY	<u><b>STATE</b></u> MN		
<u><b>AIRPORT ELEVATION</b></u> 1194	<u><b>TDZE</b></u> 1194	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 07/29/2010	<u><b>MAG VAR</b></u> 3E	<u><b>EPOCH YEAR</b></u> 2010
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 3 NOVEMBER 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 028/30 CW 208/30	NOPT	028/23 CW 208/23		3900
2. 028/23 CW 208/23		EDAYU	IAF	3700
3. 208/30 CW 298/30		TICBO	IAF	3700
4. 298/30 CW 028/30		LOBJU	IAF	3700

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
TICBO	IAF	EDAYU	NOPT	TF	FB	1.00	208.20	7.20	3700
LOBJU	IAF	EDAYU	NOPT	TF	FB	1.00	028.08	7.20	3700
EDAYU	IF/IAF	CATVA		TF	FB	1.00	118.14	5.94	2800
CATVA	FAF	HOOKE/1.97 NM TO RW12		TF	FB	0.30	118.24	2.95	
HOOKE/1.97 NM TO RW12		RW12	MAP	TF	FO	0.30	118.24	1.97	
RW12	MAP	1444 MSL		CA			118.24		
1444 MSL		ACACE		DF	FO	1.00			3700

QUALITY  
16  
CHECKED

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW12

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3700 DIRECT ACACE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

<b>1. PT</b>	<b>SIDE OF COURSE</b>	<b>OUTBOUND</b>	<b>FT WITHIN</b>	<b>MILES OF</b>	<b>(IAF)</b>
<b>2. HOLD NW EDAYU, RT, 118.14 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.</b>					
<b>3. FAC:</b>	118.24	<b>FAF:</b>	CATVA	<b>DIST FAF TO MAP:</b>	4.92
<b>4. MIN ALT:</b>	EDAYU 3700, CATVA 2800, HOOKE/1.97 NM TO RW12 1860				
<b>5. DIST TO THLD FROM OM:</b>	<b>MM:</b>	<b>IM:</b>	<b>150 HAT:</b>	<b>250 HAT:</b>	0.66
<b>6. MIN GP INCPT:</b>	2800	<b>GP ALT AT PFAF :</b>	CATVA 2800	<b>OM:</b>	<b>GS ANT:</b>
<b>7. GP ANGLE:</b>	3.00	<b>34:1:</b>	IS NOT CLEAR	<b>20:1:</b>	IS CLEAR
<b>8. MSA FROM:</b>		<b>TCH:</b>	40.0	<b>MM:</b>	<b>IM:</b>

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD SE, RT, 298.45 INBOUND.  
CHART FAS OBST: 1309 TREE 444422N/0961859W.  
FAS OBST: 1540 AAO 444534N/0962225W.  
CHART VDP AT 1.13 NM TO RW12.  
WAAS CHANNEL # 56418  
REFERENCE PATH ID: W12A  
CHART CIRCLING ICON.  
LTP HAE: 338.1 M



**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
LPV DA	1444	1	250	1444	1	250	1444	1	250	1444	1	250			
LNAV/VNAV DA	1598	1 1/8	404	1598	1 1/8	404	1598	1 1/8	404	1598	1 1/8	404			
LNAV MDA	1580	1	386	1580	1	386	1580	1 1/8	386	1580	1 1/8	386			
CIRCLING	1700	1	506	1700	1	506	1800	1 3/4	606	1960	2 1/2	766			

**CHANGES - REASONS**

1. DELETED MSA AND ADDED TAA. - REDESIGN PER FPT AND IAW FAAO 8260.58B.
2. DELETED INITIAL SEGMENT ATY TO EDAYU AND ASSOCIATED NOTES. - ATY BEING DECOMMISSIONED AS PART OF VORMON.
3. DELETED FEEDER SEGMENT DAWSO TO FEKSU. - REDESIGN PER FPT AND IAW FAAO 8260.58B.
4. DELETED INITIAL SEGMENT FEKSU TO EDAYU. - REDESIGN PER FPT AND IAW FAAO 8260.58B.
5. ADDED INITIAL SEGMENT LOBJU TO EDAYU. - REDESIGN PER FPT AND IAW FAAO 8260.58B.
6. ADDED INITIAL SEGMENT TICBO TO EDAYU. - REDESIGN PER FPT AND IAW FAAO 8260.58B.
7. MOVED WAYPOINT CATVA 396 FT NORTHWEST, CHANGED LAT/LONG FROM 444629.20N/0962214.39W TO 444631.25N/0962219.06W, AND CHANGED EDAYU TO CATVA COURSE FROM 118.23 TO 118.24 AND DISTANCE FROM 6.01 NM TO 5.94 NM.
8. CHANGED CATVA TO HOOKE COURSE FROM 118.23 TO 118.24 AND DISTANCE FROM 2.85 NM TO 2.95 NM.
9. MOVED WAYPOINT HOOKE 210 FT SOUTHEAST, CHANGED LAT/LONG FROM 444500.43N/0961849.08W TO 444459.37N/0961846.58W, AND CHANGED HOOKE TO RW12 COURSE FROM 118.23 TO 118.24 AND DISTANCE FROM 2.00 NM TO 1.97 NM.
10. UPDATED CIRCLING CRITERIA AND ADDED ADDITIONAL FLIGHT DATA CHART CIRCLING ICON.
11. LINE 2 CHANGED COURSE FROM 118.15 TO 118.14 AND ADDED ALTITUDE MAX 6000. - ALIGNED WITH NEW PFAF, MAX ALTITUDE NOT ON PREVIOUS FORMS BUT WAS CORRECT IN SIAP.
12. LINE 3 CHANGED FAC FROM 118.23 TO 118.24, AND DIST FAF TO MAP AND DIST FAF TO THLD FROM 4.85 NM TO 4.92 NM. - UPDATED CRITERIA.
13. LINE 4 DELETED \* AND DELETED CHART PROFILE NOTE \*LNAV ONLY. - NO LONGER REQUIRED IAW FAAO 8260.19I PARAGRAPH 1-1-5.F.(12).
14. LINE 7 ADDED 20:1 IS CLEAR.
15. CHANGED FAS OBSTACLE FROM 1279 TREE 444412N/0961631W, 1319 TREE 444426N/0961903W TO 1309 TREE 444422N/0961859W.
16. ADDED 7:1 OBSTACLE TO ADDITIONAL FLIGHT DATA, 1540 AAO 444534N/0962225W.
17. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM 1 1/2 SM TO 1 1/8 SM. - UPDATED TO CURRENT CRITERIA IAW FAAO 8260.3E TABLE 3-3-1.
18. CHANGED LNAV VISIBILITY CAT C FROM 1 SM TO 1 1/8 SM AND CAT D FROM 1 1/4 SM TO 1 1/8 SM. - UPDATED TO CURRENT CRITERIA IAW FAAO 8260.3E TABLE 3-3-1.
19. CHANGED CIRCLING CMDA/HAA - VISIBILITY, CAT C FROM CMDA 1700/HAA 506 - 1 1/2 SM TO CMDA 1800/HAA 606 - 1 3/4 SM, AND CAT D FROM CMDA 1800/HAA 606 - 2 SM TO CMDA 1960/HAA 766 - 2 1/2 SM. - EXPANDED CIRCLING RADII AND NEW CONTROLLING OBSTACLES.
20. CHANGED CRC REMAINDER FROM 27A37D3E TO 4A5FD873 AND FPAP FROM 444311.8200N/0961438.4200W TO 444311.8190N/0961438.4250W.
21. CHANGED UNCOMPENSATED BARO-VNAV MAXIMUM TEMPERATURE FROM 46 CELSIUS TO 54 CELSIUS AND DELETED TEMPERATURE FAHRENHEIT REFERENCES. - FAHRENHEIT NO LONGER REQUIRED IAW FAAO 8260.19I PARAGRAPH 8-6-9.R.
22. MOVED BACK-UP ALTIMETER SOURCE INFORMATION FROM CHART NOTE TO PART C GENERAL REMARKS. - MOVED AND UPDATED IAW FAAO 8260.19I PARAGRAPHS 8-6-9.F.(3) AND 8-6-11.N.(1)(A)3.
23. MOVED CHART NOTE BARO-VNAV NA TO PART C GENERAL REMARKS. - IAW FAAO 8260.19I PARAGRAPHS 8-6-9.F.(3).
24. MOVED CHART NOTE VDP NA TO PART C GENERAL REMARKS. - IAW FAAO 8260.19I PARAGRAPHS 8-6-9.F.(3.)
25. CHANGED ALTERNATE MINIMUMS FROM STANDARD-NA WHEN LOCAL WEATHER NOT AVAILABLE TO STANDARD, CAT D 800-2 1/2-NA WHEN LOCAL WEATHER NOT AVAILABLE. - CIRCLING CAT D VISIBILITY INCREASED, UPDATED IAW FAAO 8260.3E PARAGRAPHS 3-4-1.A.(3) AND 3-4-1.C.
26. DELETED CHART NOTE DME/DME RNP-03 NA. - NO LONGER REQUIRED.
27. ADDED PBN EQUIPMENT NOTE RNP APCH - GPS. - IAW FAAO 8260.19I PARAGRAPH 8-6-8.B.(2).
28. CHANGED CHART NOTE FROM VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 12 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - 20:1 IS CLEAR AND UPDATED TO CURRENT CRITERIA IAW FAAO 8260.19I PARAGRAPH 8-6-11.K.(3).

QUALITY  
16  
CHECKED

AIRPORT ID  
KCNB

PROCEDURE NAME  
RNAV (GPS) RWY 12

ORIGINAL/AMENDMENT  
2

CITY  
CANBY

STATE  
MN

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: AMGR, ZMP

FLIGHT CHECKED BY

SCOTT WIEBE

*Digitally signed by*

**ERIC N SUSKI**

Aug 04, 2022

OFFICE

FPO

DATE

08/02/2022

DEVELOPED BY

DONALD H. LANIER (MICHAEL MCCARTNEY)

*Digitally signed by*

**ERIC N SUSKI**

Aug 04, 2022

OFFICE

AJV-A431

DATE

03/29/2022

APPROVED BY

CASIMIR TABAKA

*Digitally signed by*

**ERIC N SUSKI**

Aug 04, 2022

OFFICE

AJV-A430

DATE

TITLE  
MANAGER

QUALITY  
16  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCNB
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	444358.1245N
LTP/FTP LONGITUDE	0961625.1950W
LTP/FTP ELLIPSOIDAL HEIGHT	+03381
FPAP LATITUDE	444311.8190N
FPAP LONGITUDE	0961438.4250W
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	1336
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4A5FD873

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03640
FPAP ORTHOMETRIC HEIGHT	+03640

