

**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.

<b><u>AIRPORT ID</u></b> KCNB	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 30	<b><u>ORIGINAL/AMENDMENT</u></b> 1B	<b><u>CITY</u></b> CANBY	<b><u>STATE</u></b> MN		
<b><u>AIRPORT ELEVATION</u></b> 1194	<b><u>TDZE</u></b> 1192	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 30	<b><u>ORIGINAL/AMENDMENT</u></b> 1A	<b><u>DATED</u></b> 02/25/2021	<b><u>MAG VAR</u></b> 3E	<b><u>EPOCH YEAR</u></b> 2010
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 3 NOVEMBER 2022	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>		

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
DAWSO		KIRPE		TF	FB	1.00	148.21	21.92	4000
CLAPS		KIRPE		TF	FB	1.00	229.92	35.29	4000
KIRPE	IAF	ACACE	NOPT	TF	FB	1.00	208.49	5.00	3700
GHENT	IAF	ACACE	NOPT	TF	FB	1.00	314.42	13.31	3700
ACACE	IF/IAF	BEGNE		TF	FB	1.00	298.45	6.01	2800
BEGNE	FAF	RW30	MAP	TF	FO	0.30	298.37	4.88	
RW30	MAP	1442 MSL		CA			298.37		
1442 MSL		EDAYU		DF	FO	1.00			3700

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW30

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3700 DIRECT EDAYU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
16  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SE ACACE, RT, 298.45 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 298.37FAF: BEGNEDIST FAF TO MAP: 4.88DIST FAF TO THLD: 4.88

4. MIN ALT: ACACE 3700, BEGNE 2800

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.68GS ANT:

6. MIN GP INCPT: 2800GP ALT AT PFAF : BEGNE 2800OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 40.0

8. MSA FROM: RW30 3800

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 30 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GHENT ON T322 EASTBOUND.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLAPS ON V78 EASTBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DAWSO ON V78 WESTBOUND.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 118.14 INBOUND.  
FAS OBST: 1400 AAO 444126N/0961200W.  
CHART VDP AT 1.46 NM TO RW30.  
WAAS CHANNEL # 77718  
REFERENCE PATH ID: W30A  
CHART CIRCLING ICON.  
LTP HAE: 335.6 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.

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	1442	1	250	1442	1	250	1442	1	250	1442	1	250			
LNAV/VNAV DA	1573	1 1/8	381	1573	1 1/8	381	1573	1 1/8	381	1573	1 1/8	381			
LNAV MDA	1680	1	488	1680	1	488	1680	1 3/8	488	1680	1 3/8	488			
CIRCLING	1700	1	506	1700	1	506	1800	1 3/4	606	1960	2 1/2	766			



**CHANGES - REASONS**

1. UPDATED CIRCLING CRITERIA AND ADDED ADDITIONAL FLIGHT DATA CHART CIRCLING ICON.
2. CHANGED FAS OBSTACLE FROM 1419 AAO 444043.33N/0961124.09W TO 1400 AAO 444125.70N/0961159.70W. - NEW OBSTACLE EVALUATION.
4. CHANGED PBN EQUIPMENT CHART NOTE FROM RNP APCH TO RNP APCH - GPS. - IAW FAAO 8260.19I PARAGRAPH 8-6-8..B.(2).
5. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM 1 1/2 SM TO 1 1/8 SM. - UPDATED CRITERIA IAW FAAO 8260.3E TABLE 3-3-1.
6. CHANGED LNAV VISIBILITY CAT D FROM 1 1/2 SM TO 1 3/8 SM. - UPDATED CRITERIA IAW FAAO 8260.3E TABLE 3-3-1.
7. CHANGED CIRCLING CMDA/HAA - VISIBILITY, CAT C FROM CMDA 1700/HAA 506 - 1 1/2 TO CMDA 1800/HAA 606 - 1 3/4, AND CAT D FROM CMDA 1800/HAA 606 - 2 TO CMDA 1960/HAA 766 - 2 1/2. - EXPANDED CIRCLING RADII AND NEW CONTROLLING OBSTACLES.
8. CHANGED UNCOMPENSATED BARO-VNAV MAXIMUM TEMPERATURE FROM 46 CELSIUS TO 54 CELSIUS. - NO HISTORICAL CLIMATE DATA AVAILABLE ON THE NOAA CLIMATE DATA ONLINE WEBSITE. STANDARD APPLIED IAW FAAO 8260.58B PARAGRAPH 3-3-4.A.(2).
9. 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.
10. ADDED CHART PLANVIEW NOTES PROCEDURE NA FOR ARRIVALS AT GHENT ON T322 EASTBOUND, AND ARRIVALS AT CLAPS ON V78 EASTBOUND, AND ARRIVALS AT DAWSO ON V78 WESTBOUND.
11. LPV CONTROLLING OBSTACLE CHANGED FROM 1201 ROAD 444330.47N/0961531.25W TO 1214 POLE (27-022458) 444326.30N/0961523.18W.
12. LNAV/VNAV CONTROLLING OBSTACLE CHANGED FROM 1277 TREE 444313.92N/0961445.71W TO 1306 ELEVATOR (27-025480) 444322.67N/0961533.06W.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**  
SCOTT WIEBE

*Digitally signed by*  
**ERIC N SUSKI**

**OFFICE**  
FPO

**DATE**  
08/02/2022

**DEVELOPED BY**  
DONALD H. LANIER (MICHAEL MCCARTNEY)

Aug 04, 2022

*Digitally signed by*  
**ERIC N SUSKI**

**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



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCNB
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	444335.5010N
LTP/FTP LONGITUDE	0961533.0120W
LTP/FTP ELLIPSOIDAL HEIGHT	+03356
FPAP LATITUDE	444421.7700N
FPAP LONGITUDE	0961719.8200W
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	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EF8A3449

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03614
FPAP ORTHOMETRIC HEIGHT	+03614

