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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
D50	RNAV (GPS)-A	ORIG	CROSBY	ND

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
1953			NONE		7E	2025

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
FONIA		PRYME		TF	FB	1.00	325.21	35.31	4500
ISN VOR/DME		PRYME		TF	FB	1.00	004.28	32.20	4500
PRYME	IAF	WHATR	NOPT	TF	FB	1.00	352.89	5.30	4500
WHATR	IF/IAF	SHEBB		TF	FB	1.00	053.24	7.35	4000
SHEBB	FAF	FLICS/3.27 NM TO YEZHI		TF	FB	0.30	082.90	1.73	
FLICS/3.27 NM TO YEZHI		YEZHI	MAP	TF	FO	0.30	082.90	3.27	
YEZHI	MAP	2600 MSL		CA			082.90		2600
2600 MSL		WHATR		DF	FO	1.00			4500

MISSED APPROACH

MAP:
YEZHI

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2600 THEN CLIMBING RIGHT TURN TO 4500 DIRECT WHATR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. HOLD SW WHATR, RT, 053.24 INBOUND, 4500 FT. IN LIEU OF PT (IAF), MAX 10000.
3. **FAC:** 082.90 **FAF:** SHEBB **DIST FAF TO MAP:** 5.00 **DIST FAF TO THLD:**
4. **MIN ALT:** WHATR 4500, SHEBB 4000, FLICS/3.27 NM TO YEZHI 3460
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
6. **MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
7. **GP ANGLE:** **34:1:** **20:1:** **TCH:**
8. **MSA FROM:** ARP D50 4100

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
D50	RNAV (GPS)-A	ORIG	CROSBY	ND

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ISN VOR/DME AIRWAY RADIALS 081 CW 116.

ADDITIONAL FLIGHT DATA:

FAC CROSSES MIDPOINT OF RWY 13-31.
CHART UNITED STATES AND CANADIAN BORDER.
FAS OBST: 2141 TREE 485509N/1032124W.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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
CIRCLING	2440	1	487	2540	1	587	2540	1 1/2	587	2640	2 1/4	687			

CHANGES - REASONS

COORDINATED WITH:

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

FLIGHT CHECKED BY HANNAH WIESNESKI	*Digitally signed by* ***CASIMIR L TABAKA*** May 29, 2025	**OFFICE** AJF	**DATE** 05/22/2025
DEVELOPED BY JOHN KEEFER	*Digitally signed by* ***JOHN A KEEFER*** Mar 31, 2025	**OFFICE** AJV-A432	**DATE** 01/17/2025
APPROVED BY CASIMIR L. TABAKA	*Digitally signed by* ***CASIMIR L TABAKA*** May 29, 2025	**OFFICE** AJV-A430	**DATE** **TITLE** MANAGER

QUALITY 42 CHECKED

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM	TO
FONIA	PRYME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	35.31				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (38-022925)	481918.10N/1031453.20W	2873	250	50	4D	1000				AT627	4500
TERRAIN	481818.00N/1031542.00W	2483 (2500)								AS1500	4000

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM	TO
ISN VOR/DME	PRYME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	32.20				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (38-020745)	482434.68N/1034747.35W	2658	50	20	2C	1000				AT842	4500
TERRAIN	481757.00N/1035000.00W	2404 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

INITIAL

FROM
PRYME

TO
WHATR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.30				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485112.00N/1033409.00W	2589	215	8	4B	1000				AT911	4500
TERRAIN	485112.00N/1033409.00W	2388 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
WHATR (IF/IAF)

TO
SHEBB

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.35				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485112.00N/1033409.00W	2589	215	8	4B	500				AT911	4000
TERRAIN	485112.00N/1033409.00W	2388 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

FINAL: LNAV

FROM	TO
SHEBB	FLICS/3.27 NM TO YEZHI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.73				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485554.00N/1032448.00W	2372	215	8	4B	250				RA160 DG678	3460

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM	TO
FLICS/3.27 NM TO YEZHI	YEZHI

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	3.27		YEZHI		

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	485509.00N/1032124.00W	2141	215	8	4B	250					2400

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

HOLD-IN-LIEU OF PT

FROM	TO
WHATR	P-6

RNP	DISTANCE	PAT	MAP	HAT	HMAS
		P-6			

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	485112.00N/1033409.00W	2589	215	8	4B	1000				AT911	4500
TERRAIN	485112.00N/1033409.00W	2388 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM	TO
YEZHI	WHATR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					2340

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4500
AAO	485112.00N/1033409.00W	2589	215	8	4B	1000					3600
TERRAIN	485112.00N/1033409.00W	2388 (2400)								AS1500	3900

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

CIRCLING [ ] ALL CATS [X] CAT A [X] CAT B [X] CAT C [X] CAT D [ ] CAT E [ ] NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
WATER_TOWER (38-043264)	485500.15N/1031802.87W	1.32	487	2122	20	3	1A	300			2440
CATEGORY B											
TOWER (38-020526)	485341.03N/1031710.67W	1.88	587	2222	50	20	2C	300			2540
CATEGORY C											
TOWER (38-020526)	485341.03N/1031710.67W	2.95	587	2222	50	20	2C	300			2540
CATEGORY D											
AAO	485433.00N/1032342.00W	3.86	687	2336	215	8	4B	300			2640

CIRCLING REMARKS:

MSA

CENTER	RADIUS
ARP D50	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (38-037866)	483027.31N/1030552.23W	155	26.5	3097	250	50	4D	1000			4100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY 42 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
D50	RNAV (GPS)-A	ORIG	CROSBY	ND	1953	RNAV

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZLC ARTCC

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	D50	24	D50	0.10	Y	0
BACK-UP WX SERVICE	**LOCATION**	**HRS OPERATION**	**ALTIMETER SOURCE**	**DISTANCE**	**WMSCR**	**ADJUSTMENTS**
ASOS	XWA	24	XWA	44.01	Y	156

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KD50 1953, KXWA 2337
RA = 155.7.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03	NPI-G	
RW13 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	
RW21	NPI-G	
RW31 - MIRL (PCL), PAPI-2L (PCL)	NPI-G	

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH

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

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:

100 FOOT VEGETATION USED PER FPT.

ALTIMETER CONTINGENCY
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE XWA ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET AND VISIBILITY CAT C AND D 3/4 SM.

VDP NOT DEVELOPED - CIRCLING APPROACH.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

ORDER 8260.3 CHAPTER 2 APPLIED TO 2422 AAO 485418N/1032539W.
ORDER 8260.3 CHAPTER 2 APPLIED TO 2294 AAO 485506N/1032339W
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**	2.33
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	089.90
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	2200
DISTANCE FROM	MAP	**TO 1500FT POINT**	4.40
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.57
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	089.90
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	2200

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	485541.88N/1031751.29W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 13 DISTANCE 0.38 NM
FAF COORDINATES	485541.60N/1032550.90W
FIX NAME COORDINATES	IF WHATR 485203.15N/1033531.83W, MAP YEZHI 485541.88N/1031815.98W

REMARKS

IF WHATR: 485203.15N/1033531.83W, MAP YEZHI: 485541.88N/1031815.98W

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JOHN KEEFER	AJV-A432	01/17/2025	AERONAUTICAL INFORMATION SPECIALIST