

**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 ID</u> TVC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> TRAVERSE CITY	<u>STATE</u> MI
<u>AIRPORT ELEVATION</u> 624	<u>TDZE</u> 624	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1985
			<u>CANCEL/SUSPEND</u>	

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>
IROTO		CUBKO		TF	FB	1.00	249.94	38.78	3000
BABBE		FEPEX		TF	FB	1.00	338.60	29.44	3600
CUBKO	IAF	BEAAR	NOPT	TF	FB	1.00	178.66	9.56	3000
FEPEX	IAF	BEAAR	NOPT	TF	FB	1.00	025.22	6.28	3000
BEAAR	IF/IAF	PEETR		TF	FB	1.00	098.50	6.10	2600
PEETR	FAF	RW10	MAP	TF	FO	0.30	098.60	6.04	
RW10	MAP	909 MSL		CA			098.60		
909 MSL		ROPT E		DF	FB	1.00			
ROPT E		LADIN		TF	FO	1.00	156.81	24.48	4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT ROPT E AND ON TRACK 156.81 TO LADIN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W BEAAR, RT, 098.50 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 098.60 **FAF:** PEETR **DIST FAF TO MAP:** 6.04 **DIST FAF TO THLD:** 6.04
- MIN ALT:** BEAAR 3000, PEETR 2600
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **285 HAT:** 0.73 **GS ANT:**
- MIN GP INCPT:** 2600 **GP ALT AT PFAF:** PEETR 2600 **OM:** **MM:** **IM:**
- GP ANGLE:** 3.00 **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:** 52.0
- MSA FROM:** RW10 3600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IROTO ON V193-320 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUBKO ON V133 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FEPEX ON V420 WEST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS TO 7/8 SM.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS AND LNAV CATS C AND D.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 321.43 INBOUND.
CHART FAS OBST: 1551 TOWER (26-002132) 444521N/0854044W.
CHART VDP AT 3.43 NM TO RW10.
WAAS CHANNEL # 42610
REFERENCE PATH ID: W10A
LTP HAE: 155.6 M

MINIMUMS:

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

ALTERNATE: NA CAT A, B, C, D 1200-4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	909	3/4	285	909	3/4	285	909	3/4	285	909	3/4	285			
LNAV/VNAV DA	1780	4	1156	1780	4	1156	1780	4	1156	1780	4	1156			
LNAV MDA	1780	3/4	1156	1780	1	1156	1780	3	1156	1780	3	1156			
CIRCLING	1780	1 1/4	1156	1780	1 1/2	1156	1780	3	1156	1780	3	1156			



CHANGES - REASONS

1. TERMINAL ROUTES: CHANGED RNP VALUES FOR FEEDERS IROTO TO CUBKO AND BABBE TO FEPEX FROM "2.00" TO "1.00" — IAW 8260.58D, TABLE 1-2-1.
2. PBN REQUIREMENTS NOTE: CHANGED "RNP APCH" TO "RNP APCH – GPS" – IAW 8260.19K, 8-6-8.D.5(1).
3. NOTES: REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BABBE ON V193 SOUTH BOUND" – V193 IS NO LONGER ROUTED TO BABBE.
4. NOTES: CHANGED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C" – IAW 8260.19K, 8-6-10.R.
5. NOTES: CHANGED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS 1/8 SM" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV VISIBILITY ALL CATS TO 7/8 SM" – IAW 8260.3G, 3-3-2 AND 8260.19K, 8-6-12.O.(3).
6. NOTES: ADDED "CHART PLANVIEW AND PROFILE NOTE: FOR LNAV/VNAV FLY VISUAL TO AIRPORT, 098.60 DEGREES 3.47 MILES" - IAW 8260.3G, 3-3-5.
7. ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON" – IAW CURRENT CRITERIA.
8. ADDITIONAL FLIGHT DATA: REMOVED ASTERISK ("**") IN "CHART VDP AT 3.43 NM TO RW10*" – IAW CURRENT CRITERIA.
9. ADDITIONAL FLIGHT DATA: REMOVED "**LNAV ONLY" – IAW CURRENT CRITERIA.
10. MINIMUMS: LOWERED LNAV/VNAV DA/VIS/HAT FROM "1983/5/1359" TO "1780/4/1156" – PER MEMORANDUM "LOWERING LPV AND LNAV/VNAV MINIMUMS TO LNAV MINIMUMS", DATED 5-20-2025.
11. ALTERNATE MINIMUMS: INCREASED FROM "STANDARD - CAT A, B 1200-2, CAT C, D 1200-3" TO "CATS A, B, C, D 1200-4" – IAW 8260.19K, 8-6-12.B(1), CLEARS T-NOTAM 5/4315.
12. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19K 8-6-12 B(4).
13. FAS DATA BLOCK: CRC REMAINDER CHANGED FROM "A50B01E2" TO "B3BC8F63" – LTP/FTP LONGITUDE CHANGED FROM "0853527.0925W" TO "0853527.0890W", FPAP CHANGED FROM "444422.4875N/0853322.3490W" TO "444422.4870N/0853322.3455W", LENGTH OFFSET CHANGED FROM "0616" TO "0608", LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM "+01901" TO "+01902".

01/20/26: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/30/25.

1. REMOVED NOTE "CHART PLANVIEW AND PROFILE NOTE: FOR LNAV/VNAV FLY VISUAL TO AIRPORT, 098.60 DEGREES 3.47 MILES".

COORDINATED WITH:

A4A
 ALPA
 AOPA
 APA
 HAI
 NBAA
 OTHER: ZMP, AMGR, TVC ATCT

FLIGHT CHECKED BY

GLEN B FREEMAN

Digitally signed by

CASEY D HILL

Feb 09, 2026

OFFICE

AJF

DATE

02/03/2026

DEVELOPED BY

CASEY HILL (RONALD K. STROBACH)

Digitally signed by

CASEY D HILL

Feb 09, 2026

OFFICE

AJV-A421

DATE

09/30/2025

APPROVED BY

CASEY HILL

Digitally signed by

CASEY D HILL

Feb 09, 2026

OFFICE

AJV-A421

DATE

04/09/2026

TITLE

MANAGER



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

ORIGINAL/AMENDMENT
3A

CITY
TRAVERSE CITY

STATE
MI

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTVC
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	444428.2605N
LTP/FTP LONGITUDE	0853527.0890W
LTP/FTP ELLIPSOIDAL HEIGHT	+01556
FPAP LATITUDE	444422.4870N
FPAP LONGITUDE	0853322.3455W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B3BC8F63

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01902
FPAP ORTHOMETRIC HEIGHT	+01902



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

<u>AIRPORT ID</u> TVC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>AMDT NO.</u> 3A	<u>CITY</u> TRAVERSE CITY	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 624	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

<u>FROM</u> IROTO	<u>TO</u> CUBKO
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<u>RNP</u> 1.00	<u>DISTANCE</u> 38.78	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-001068)	451049.00N/0850550.20W	1676	50	20	2C	1000				AT324	3000
TERRAIN	450957.00N/0850521.00W	1089 (1100)								AS1500	2600

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

FEEDER

<u>FROM</u> BABBE	<u>TO</u> FEPEX
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<u>RNP</u> 1.00	<u>DISTANCE</u> 29.44	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-000204)	441633.00N/0854249.00W	2549	500	125	5E	1000				AT51	3600
TERRAIN	442157.00N/0854048.00W	1696 (1700)								AS1500	3200

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

CITY
TRAVERSE CITY

STATE
MI

AIRPORT ELEVATION
624

FACILITY
RNAV

INITIAL

FROM
CUBKO

TO
BEAAR

RNP
1.00

DISTANCE
9.56

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-001885)	444629.15N/0855211.00W	1425	250	50	4D	1000				AT575	3000
TERRAIN	444639.00N/0855245.00W	1122 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
FEPEX

TO
BEAAR

RNP
1.00

DISTANCE
6.28

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-001885)	444629.15N/0855211.00W	1425	250	50	4D	1000				AT575	3000
TERRAIN	444536.00N/0855248.00W	1049 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

CITY
TRAVERSE CITY

STATE
MI

AIRPORT ELEVATION
624

FACILITY
RNAV

INTERMEDIATE

FROM
BEAAR (IF/IAF)

TO
PEETR

RNP
1.00

DISTANCE
6.10

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-001885)	444629.15N/0855211.00W	1425	250	50	4D	500					2000
TERRAIN	444639.00N/0855245.00W	1122 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LPV

FROM
PEETR

TO
RW10

RNP
0.30

DISTANCE
6.04

PAT

MAP
DA

HAT
285

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (26-088602)	444431.16N/0853606.79W	707	20	3	1A		34.00:1			MA35	909

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

CITY
TRAVERSE CITY

STATE
MI

AIRPORT ELEVATION
624

FACILITY
RNAV

FINAL: LNAV/VNAV

FROM
PEETR

TO
RW10

RNP
0.30

DISTANCE
6.04

PAT

MAP
DA

HAT
1156

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-002132)	444521.33N/0854044.04W	1551	20	3	1A		23.42:1			SA-36	1780

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV

FROM
PEETR

TO
RW10

RNP
0.30

DISTANCE
6.04

PAT

MAP
RW10

HAT
1156

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (26-002132)	444521.33N/0854044.04W	1551	20	3	1A	250				XL3 SA-34	1780

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

CITY
TRAVERSE CITY

STATE
MI

AIRPORT ELEVATION
624

FACILITY
RNAV

MISSED APPROACH: LNAV/VNAV

FROM
DA **TO**
LADIN

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1619

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
AAO	442557.00N/0851018.00W	1723	215	8	4B	1000					2800
TERRAIN	442557.00N/0851018.00W	1522 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
RW10 **TO**
LADIN

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1677

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC		4000		4000
AAO	442557.00N/0851018.00W	1723	215	8	4B	1000					2800
TERRAIN	442557.00N/0851018.00W	1522 (1500)								AS1500	3000

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

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STATE
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AIRPORT ELEVATION
624

FACILITY
RNAV

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											
TREE	444315.00N/0853636.00W	1.30	1156	826	215	8	4B	300		XP640	1780
CATEGORY B											
TREE	444339.00N/0853145.00W	1.83	1156	960	215	8	4B	300		XP520	1780
CATEGORY C											
TANK (26-105835)	444257.15N/0853028.69W	2.88	1156	1108	20	3	1A	300		XP360	1780
CATEGORY D											
TOWER (26-000182)	444636.53N/0853942.88W	3.76	1156	1358	250	50	4D	300		XP70 AC50	1780

CIRCLING REMARKS:

XP 640 USED TO ATTAIN CAT A CMDA. XP 520 USED TO ATTAIN CAT B CMDA. XP 360 USED TO ATTAIN CAT C CMDA. XP 70 USED TO ATTAIN CAT D CMDA.

MSA

CENTER **RADIUS**
RW10 25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (26-000204)	441633.00N/0854249.00W	196	28.4	2549	500	125	5E	1000			3600

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

TVC TOWER, ZMP ARTCC, LAN FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	TVC	24	TVC		Y	0
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3P	ACB	24	ACB	22.08	Y	51

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KTVC 624, KACB 619
RA = 51.

PRIMARY NAVAID **MONITOR POINT** **HRS OPERATION** **CAT**



AIRPORT ID
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STATE
MI

AIRPORT ELEVATION
624

FACILITY
RNAV

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW18 - MIRL (PCL), VASI-4L	NPI-G	
RW36 - REIL (PCL), MIRL (PCL), VASI-4L	NPI-G	
RW10 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	
RW28 - MALSR (PCL), HIRL (PCL), PAPI-4L	PIR-G	

GLIDESLOPE ANGLE
3.00

ELEV RWY THRESHOLD
623.9

TCH
52.0

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE
3.00

TCH
54.7

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW
-16C

CRITICAL HIGH
+54C

ACT
-16C

APT ISA
+13.76C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 963 HIGH TEMP 1270.

"VISUAL PORTION OF FINAL" PENETRATIONS

FINAL TYPE	LPV, LNAV/VNAV, LNAV
34:1	
701 TREE (26-097781) 444429.65N/0853601.88W (9.02)	700 TREE (26-087900) 444427.67N/0853601.93W (8.29)
702 TREE (26-088291) 444424.48N/0853603.19W (8.23)	705 TREE (26-098062) 444429.88N/0853604.68W (7.04)
701 TREE (26-097917) 444426.14N/0853603.78W (5.67)	705 TREE (26-095960) 444429.54N/0853605.43W (5.52)
698 TREE (26-087975) 444429.73N/0853602.44W (4.81)	702 TREE (26-098060) 444432.05N/0853604.13W (4.79)
707 TREE (26-088602) 444431.16N/0853606.79W (4.32)	699 TREE (26-088293) 444426.24N/0853603.48W (4.28)
702 TREE (26-088381) 444431.94N/0853604.49W (4.05)	701 TREE (26-088332) 444429.87N/0853604.45W (3.53)
702 TREE (26-087782) 444431.33N/0853605.25W (2.55)	697 TREE (26-088286) 444429.66N/0853603.28W (2.05)
703 TREE (26-087912) 444432.11N/0853606.04W (1.73)	702 TREE (26-087789) 444429.42N/0853605.86W (1.63)
694 TREE (26-087901) 444429.26N/0853602.11W (1.60)	701 TREE (26-087911) 444424.99N/0853605.81W (1.59)
703 TREE (26-087916) 444431.76N/0853606.17W (1.52)	699 TREE (26-088331) 444432.83N/0853604.20W (1.49)
700 TREE (26-087781) 444427.67N/0853605.19W (1.38)	694 TREE (26-087904) 444430.76N/0853602.19W (1.15)
700 TREE (26-087783) 444428.22N/0853605.30W (1.05)	703 TREE (26-088598) 444431.14N/0853606.48W (0.99)
695 TREE (26-088243) 444434.07N/0853602.46W (0.94)	706 TREE (26-096465) 444428.26N/0853608.19W (0.92)
693 TREE (26-087897) 444430.41N/0853601.88W (0.87)	697 TREE (26-088295) 444428.36N/0853603.97W (0.84)



AIRPORT ID
TVC

PROCEDURE NAME
RNAV (GPS) RWY 10

AMDT NO.
3A

CITY
TRAVERSE CITY

STATE
MI

AIRPORT ELEVATION
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FACILITY
RNAV

692 TREE (26-087773) 444427.76N/0853601.68W (0.80)

697 TREE (26-087776) 444429.88N/0853603.92W (0.65)

699 TREE (26-088387) 444433.68N/0853604.66W (0.35)

705 TREE (26-087791) 444432.96N/0853607.60W (0.26)

700 TREE (26-087785) 444431.96N/0853605.37W (0.18)

705 TREE (26-087799) 444427.53N/0853608.20W (0.03)

PENETRATIONS REMARKS:

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VEGETATION HEIGHT 100 FT PER IFP REQUEST CHECKLIST.

ALL INITIAL SEGMENTS SHARE THE SAME CONTROLLING OBSTACLE.

CONTINGENCY NOTES FOR B/U ALTIMETER SETTING:

BARO VNAV AND VDP NA WHEN USING ACB ALTIMETER SETTING.

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ACB ALTIMETER SETTING AND INCREASE LPV DA TO 960 FEET; INCREASE LNAV/VNAV DA TO 1831 FEET AND ALL VISIBILITIES 1 SM; INCREASE ALL MDAS 60 FEET.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



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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	THLD	TO 1000FT POINT	2.90
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	093.60
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	600
DISTANCE FROM	THLD	TO 1500FT POINT	5.04
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	093.60
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	600

THRESHOLD COORDINATES (IF STR-IN)	444428.26N/0853527.09W
ARP COORDINATES	444429.68N/0853454.73W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 28 DISTANCE 0.80 NM
FAF COORDINATES	444451.36N/0854354.75W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASEY HILL (RONALD K. STROBACH)	AJV-A421	09/30/2025	AERONAUTICAL INFORMATION SPECIALIST

