

**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> KPHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> PORT HURON	<u>STATE</u> MI		
<u>AIRPORT ELEVATION</u> 650	<u>TDZE</u> 647	<u>SUPERSEDED</u> RNAV (GPS) RWY 4	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 07/24/2014	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
ADRIE	IAF	HIGIG	NOPT	TF	FB	1.00	130.13	22.56	4000
HIGIG	IF/IAF	WUTJE		TF	FB	1.00	043.05	6.60	2200
WUTJE	FAF	YESUG/1.60 NM TO RW04		TF	FB	0.30	043.09	3.13	
YESUG/1.60 NM TO RW04		RW04	MAP	TF	FO	0.30	043.09	1.60	
RW04	MAP	1100 MSL		CA			043.09		1100
1100 MSL		PUYCU		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 4000 DIRECT PUYCU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SW HIGIG, RT, 043.05 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 043.09 FAF: WUTJE DIST FAF TO MAP: 4.73 DIST FAF TO THLD: 4.73

4. MIN ALT: HIGIG 4000, WUTJE 2200, YESUG/1.60 NM TO RW04 1200*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.48 GS ANT:

6. MIN GP INCPT: 2200 GP ALT AT FAF : WUTJE 2200 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 54.9

8. MSA FROM: RW04 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 10, 22, 28 NA AT NIGHT.
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 ADRIE ON T781 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE AND LNAV CAT C/D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD SE, LT, 329.67 INBOUND.
CHART FAS OBST: 749 TREE 425357N/0823137W.
CHART VDP AT 0.97 NM TO RW04*
*LNAV ONLY.
WAAS CHANNEL # 53523
REFERENCE PATH ID: W04A
LTP HAE: 160.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	847	1/2	200	847	1/2	200	847	1/2	200	847	1/2	200			
LNAV/VNAV DA	930	1/2	283	930	1/2	283	930	1/2	283	930	1/2	283			
LNAV MDA	1000	1/2	353	1000	1/2	353	1000	5/8	353	1000	5/8	353			
CIRCLING	1160	1	510	1160	1	510	1260	1 3/4	610	1260	2	610			

QUALITY
8
CHECKED

CHANGES - REASONS

1. DELETED FEEDER ROUTE FROM ZR NDB TO HIGIG. - ZR NDB BEING DECOMMISSIONED.
2. ADDED "MAX 6000" TO PROFILE LINE 2 - 8260.19H PARA 8-6-7.B (2).
3. DELETED "DISTANCE TO THLD FROM 200 HATH: 0.46 NM" FROM ADDITIONAL FLIGHT DATA AND ADDED "200 HAT: 0.48" TO LINE 5. - 8260.19H PARA 8-6-7.E (3).
4. ADDED 20:1 IS CLEAR TO LINE 7- 8260.19H PARA 8-6-7.G (3).
5. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - 8260.19H PARA 8-6-8.B (1).
6. RELOCATED BACKUP ALTIMETER NOTES FROM THIS FORM TO THE 8260-9 FOR CONTINGENCY PURPOSES - COORDINATED WITH FPT IAW 8260.19H, 8-6-9.F (3).
7. ADDED "(VGSi ANGLE {ANGLE}TCH {FEET})" TO VGSi AND RNAV GLIDEPATH NOT COINCIDENT PROFILE NOTE. - 8260.19H, 8-6-9.M (1).
8. CHANGED PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT ADRIE ON V450 WESTBOUND." TO "PROCEDURE NA FOR ARRIVALS AT ADRIE ON T781 WESTBOUND." - V450 DELETED AND T781 ADDED TO ENROUTE STRUCTURE AT ADRIE.
9. REMOVED FAHRENHEIT TEMPERATURES FROM UNCOMPENSATED BARO-VNAV NOTE. - NO LONGER REQUIRED 8260.19H PARA 8-6-9.S.
10. REMOVED CHART PLAINVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ZR NDB AIRWAY RADIALS 190 CW 274. - ZR NDB DECOMMISSIONED, INCORPORATES FDC 0/1295.
11. CHANGED "NIGHT LANDING: RWY 10, 22, 28 NA" TO "CIRCLING RWY 10, 22, 28 NA AT NIGHT". - 8260.19H PARA 8-6-4.O (2)(H).
12. CHANGED MALSR TO ALS AND ADDED "AND LNAV CAT C/D VISIBILITY TO 1 SM" TO ALS INOP NOTE. - NEW VISCHECKS, 8260.19H PARA 8-6-11.O (3)(D).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, MTC APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE**DATE***Digitally signed by***ALLAN WILL**

Oct 06, 2020

DEVELOPED BY

ALLAN WILL (STEVEN WINNER)

OFFICE

AJV-A423

DATE

08/17/2020

*Digitally signed by***ALLAN WILL**

Oct 06, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE*Digitally signed by***ALLAN WILL**

Oct 06, 2020

TITLE
MANAGER

QUALITY
8
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	425416.6640N
LTP/FTP LONGITUDE	0823207.1315W
LTP/FTP ELLIPSOIDAL HEIGHT	+01601
FPAP LATITUDE	425528.6410N
FPAP LONGITUDE	0823055.6275W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	039B2C75

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01950
FPAP ORTHOMETRIC HEIGHT	+01950



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

<u>AIRPORT ID</u> KPHN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4	<u>AMDT NO.</u> 1A	<u>CITY</u> PORT HURON	<u>STATE</u> MI	<u>AIRPORT ELEVATION</u> 650	<u>FACILITY</u> RNAV
---------------------------	---	-----------------------	---------------------------	--------------------	---------------------------------	-------------------------

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
ADRIE

TO
HIGIG

<u>RNP</u>	<u>DISTANCE</u> 22.56	<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>
1.TOWER (26-000325)	425645.73N/0830904.99W		1324	250	50	4D	1000				AT1676	4000
2.TERRAIN	425506.00N/0830642.00W		1027 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM
HIGIG (IF/IAF)

TO
WUTJE

<u>RNP</u>	<u>DISTANCE</u> 6.60	<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>
3.TOWER (26-001937)	424635.00N/0824028.00W		1062	500	50	5D	500					1600
4.TERRAIN	424927.00N/0824057.00W		686 (700)								AS1500	2200

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LPV

FROM
WUTJE

TO
RW04

RNP	DISTANCE 4.73	PAT	MAP DA	HAT 200	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				847

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM
WUTJE

TO
RW04

RNP	DISTANCE 4.73	PAT	MAP DA	HAT 283	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TREE	425357.22N/0823137.10W		749	50	20	2C	161				AC20	930

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM

WUTJE

TO

YESUG/1.60 NM TO RW04

<u>RNP</u>	<u>DISTANCE</u> 3.13	<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>
6.AAO	425113.08N/0823427.28W		844	50	20	2C	250				RA95	1200

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

YESUG/1.60 NM TO RW04

TO

RW04

<u>RNP</u>	<u>DISTANCE</u> 1.60	<u>PAT</u>	<u>MAP</u> RW04	<u>HAT</u> 353			<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>
5.TREE	425357.22N/0823137.10W		749	50	20	2C	250					1000

COMPUTATIONS

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

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
HIGIG

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (26-001937)	424635.00N/0824028.00W		1062	500	50	5D	1000				AT1938	4000
7.TERRAIN	424821.00N/0824342.00W		696 (700)								AS1500	2200

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

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
PUYCU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 672					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
8.TOWER (26-001947)	430728.00N/0823138.00W		1048	500	50	5D	1000					2100
9.TERRAIN	430509.00N/0823521.00W		762 (800)								AS1500	2300

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

SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM
DA

TO
PUYCU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 769					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
8.TOWER (26-001947)	430728.00N/0823138.00W		1048	500	50	5D	1000					2100
9.TERRAIN	430509.00N/0823521.00W		762 (800)								AS1500	2300

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

SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM
RW04

TO
PUYCU

RNP	DISTANCE	PAT	MAP	HAT			HMAS 900					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
8.TOWER (26-001947)	430728.00N/0823138.00W		1048	500	50	5D	1000					2100
9.TERRAIN	430509.00N/0823521.00W		762 (800)								AS1500	2300

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											
10.TOWER (26-002995)	425400.00N/0823030.00W	1.30	510	793	250	50	4D	300		AC50	1160
CATEGORY B											
10.TOWER (26-002995)	425400.00N/0823030.00W	1.83	510	793	250	50	4D	300		AC50	1160
CATEGORY C											
11.STACK (26-000430)	425531.00N/0822737.00W	2.87	610	898	500	50	5D	300		AC50	1260
CATEGORY D											
11.STACK (26-000430)	425531.00N/0822737.00W	3.75	610	898	500	50	5D	300		AC50	1260

CIRCLING REMARKS:

MSA

CENTER
RW04

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (CA-000434)	424249.50N/0820805.20W	130	21.1	1644	250	50	4D	1000			2700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
LAN FSS, ZOB ARTCC, MTC APP CON

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KPHN	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KPHN	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KVLL	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KVLL	<u>DISTANCE</u> 36.16	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 95

WX REMARKS:
RASS PRESSURE PATTERNS SAME
KPHN 650, KVLL 727
RA=94.1

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW10 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW28 - MIRL (PCL), REIL (PCL), PAPI-4L		NPI-G	
RW04 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-F	
RW22 - HIRL (PCL), REIL (PCL), PAPI-4L		PIR-F	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 639.8	<u>TCH</u> 54.9	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 50.0
---------------------------------	------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.71C
-----------------------------	------------------------------	--------------------	---------------------------

CRITICAL TEMPERATURE REMARKS:
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 962 HIGH TEMP 1124.



AIRPORT ID KPHN	PROCEDURE NAME RNAV (GPS) RWY 4	AMDT NO. 1A	CITY PORT HURON	STATE MI	AIRPORT ELEVATION 650	FACILITY RNAV
---------------------------	---	-----------------------	---------------------------	--------------------	---------------------------------	-------------------------

"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	CIRCLING RWY 28				
20:1					
732 TREE (26-030130) 425442.71N/0823055.06W (25.47)			737 TREE (26-030133) 425438.92N/0823049.55W (8.46)		
728 TREE (26-028876) 425438.91N/0823051.00W (4.83)			707 TREE (26-029662) 425438.08N/0823056.01W (2.07)		
Final Type	CIRCLING RWY 10				
20:1					
720 TREE (26-042899) 425441.79N/0823223.88W (24.23)			706 TREE (26-028613) 425442.80N/0823224.50W (7.51)		
738 TREE (26-030192) 425441.35N/0823234.23W (4.03)					
Final Type	CIRCLING RWY 22				
20:1					
721 TREE (26-029247) 425511.95N/0823118.86W (5.35)			660 VEGETATION (26-028872) 425501.05N/0823124.36W (0.98)		

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.

FOR CONTINGENCY PURPOSES: BARO-VNAV AND VDP NA WHEN USING TROY ALTIMETER SETTING.
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TROY ALTIMETER SETTING AND INCREASE LPV DA TO 942 FT, LNAV/VNAV DA TO 1025 FT AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 100 FT AND VISIBILITY CATS C AND D 1/4 SM.
FOR INOPERATIVE ALS WHEN USING TROY ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 7/8 SM AND LNAV/VNAV ALL CATS VISIBILITY TO 1 SM.
100 FT VEGETATION HEIGHT USED.

TAA NOT DEVELOPED PER FPT CHECKLIST.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<div>AIRPORT ID</div> <div>KPHN</div>	<div>PROCEDURE NAME</div> <div>RNAV (GPS) RWY 4</div>	<div>AMDT NO.</div> <div>1A</div>	<div>CITY</div> <div>PORT HURON</div>	<div>STATE</div> <div>MI</div>	<div>AIRPORT ELEVATION</div> <div>650</div>	<div>FACILITY</div> <div>RNAV</div>
---------------------------------------	---	-----------------------------------	---------------------------------------	--------------------------------	---	-------------------------------------

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	3.16
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	036.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	MAP	TO 1500FT POINT	4.73
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.13
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	036.09
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD COORDINATES (IF STR-IN)

425416.66N/0823207.13W

ARP COORDINATES

425439.50N/0823143.90W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 4 DISTANCE 0.48 NM

FAF COORDINATES

425027.47N/0823554.43W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY

8

CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 9 of 10

PART E: PREPARED BY

<u>NAME</u> ALLAN WILL (STEVEN WINNER)	<u>OFFICE</u> AJV-A423	<u>DATE</u> 08/17/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
---	---------------------------	---------------------------	---

