

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, 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 in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LNAV: RW09					
FOGAT (IF/IAF)		HOMUT (FB)		087.48 / 5.00				2500		CLIMBING RIGHT TURN TO 3300 DIRECT WHALL AND HOLD.					
HOMUT (FAF)		ENEXE/1.80 NM TO RW09 (FB)		087.55 / 3.05											
ENEXE/1.80 NM TO RW09		RW09 (MAP) (FO)		087.55 / 1.80											
RW09 (MAP)		1316 MSL		087.55											
1316 MSL		WHALL (FO)						3300		ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.21 INBOUND. CHART FAS OBST: 1090 TREE 433810N/0862037W HOMUT TO RW09: 3.00/40. CHART CIRCLING ICON.					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD W FOGAT, RT, 087.48 INBOUND, 3300 FT. IN LIEU OF PT (IAF)															
3. FAC: 087.55 FAF: HOMUT DIST FAF TO MAP: 4.85 THLD: 4.85															
4. MIN. ALT: FOGAT 3300, HOMUT 2500, ENEXE/1.80 NM TO RW09 1500															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____															
7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR															
8. MSA FROM: _____															
MAG VAR: 5W EPOCH YEAR: 2015															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A X					
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1340	1	424	1340	1	424		NA			NA				
CIRCLING	1540	1	624	1780	1 1/4	864		NA			NA				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FREEMONT ALTIMETER SETTING AND INCREASE ALL MDAS 80 FT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. (SEE FORM 8260-10)															
CITY AND STATE HART/SHELBY, MI		ELEVATION: 916 TDZE: 916 AIRPORT NAME: OCEANA COUNTY				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 10 DECEMBER 2015				SUP: AMDT: NONE			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING NA TO RWY 15 AND 33.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

TAA	FROM	TO	ALT
1.	357/30 CW 177/30 (NOPT)	FOGAT (IF/IAF) (FB)	3300
2.	177/30 CW 357/30	FOGAT (IAF) (FO)	3300

QUALITY
14
CHECKED

CITY AND STATE
HART/SHELBY, MI

ELEVATION: 916 TDZE: 916
AIRPORT NAME:
OCEANA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
10 DECEMBER 2015

SUP:
AMDT: **NONE**
DATED:


<p align="center">U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION</p> <p align="center"><u>RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE</u></p> <p align="center">FLIGHT STANDARDS SERVICES - FAR PART 97.33</p>	<p>Bearings, headings, courses, 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 in feet RVR.</p>
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[illegible]

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	AIRPORT NAME: OCEANA COUNTY			AMDT: NONE
				DATED:

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ARINC SUMMARY - 424-18 - RNAV (GPS)												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FOGAT	FOGAT	010	IAF	HF	R	FO		087.5 (082.5T)	004.0	AA 03300	
		FOGAT	010	FACF	IF		FB				AA 03300	
		HOMUT	020	FAF	TF		FB	0.5	087.5 (082.5T)	005.0	AA 02500	
		ENEXE	021	SDF	TF		FB	0.3	087.6 (082.6T)	003.1	AA 01500	GS 01529
		RW09	030	MAP	TF		FO	0.3	087.6 (082.6T)	001.8	AT 00956	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		087.6 (082.6T)		AA 01316	
		WHALL	050		DF	R	FO				AA 03300	
		WHALL	060		HM	R	FO		357.2 (352.2T)	004.0	AA 03300	
POINT DATA		WAYPOINT			LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS	
		ENEXE			N433813.58		W0862237.30		N4338.226		W08622.622	
		FOGAT			N433710.85		W0863336.69		N4337.181		W08633.612	
		HOMUT			N433749.94		W0862647.12		N4337.832		W08626.785	
		WHALL			N432623.24		W0861650.64		N4326.387		W08616.844	
		RW09			N433827.46		W0862009.81		N4338.458		W08620.164	
RUNWAY DATA		RWY		THRESHOLD ELEVATION		TCH						
		RW09		00916		40						



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