

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR 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	
WUQPU (IAF)	OKPOQ (NOPT) (FB)	190.85 / 5.00	3200	LNAV: RW10 CLIMB TO 3500 DIRECT SJMI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 281.24 INBOUND. CHART FAS OBST: 083 TREE 452617N0845713W ZABVY TO RW10: 3.05/35 CHART VDP AT 1.44 MILES TO RW10
YEKZU (IAF)	OKPOQ (NOPT) (FB)	010.86 / 5.00	3200	
OKPOQ (IF/IAF)	ZABVY (FB)	100.87 / 5.08	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W OKPOQ, RT, 100.87 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 100.98 FAF: ZABVY DIST FAF TO MAP: 5.52 THLD: 5.52
- MIN. ALT: OKPOQ 3200, ZABVY 2500, HADEP/3.00 NM TO RW10 1690
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 5W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		STANDARD 0						
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	1240	1	561	1240	1	561		NA			NA				
CIRCLING	1380	1	594	1500	1 1/4	814		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: VDP NA WHEN USING PELLSTON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

0 CAT B 900-2
0 NA WHEN LOCAL WEATHER NOT AVAILABLE

CITY AND STATE HARBOR SPRINGS, MI	ELEVATION: 686 TDZE: 679 AIRPORT NAME: HARBOR SPRINGS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 MAR 13 2008	SUP: AMDT: ORIG-A DATED 02/27/2006
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TAA

	FROM	TO	ALT
1.	011/30 CW 191/30 (NOPT)	OKPOQ (IF/AF) (FB)	3200
2.	191/30 CW 281/30	WUQPU (IAF) (FB)	3200
3.	281/30 CW 011/30	YEKZU (IAF) (FB)	3200

CITY AND STATE

HARBOR SPRINGS, MI

ELEVATION: 686 TDZE: 679

AIRPORT NAME:

HARBOR SPRINGS

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, AMDT 1

MAR 13 2008

SUP:

AMDT: ORIG-A

DATED: 02/27/2006



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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OKPOQ	OKPOQ	010		HF	R	FB		100.9(096T)	004.0	03200
	WUQPU	WUQPU	010	IAF	IF		FB				
	WUQPU	OKPOQ	020		TF		FB	1.0	190.9(186T)	005.0	03200
	YEKZU	YEKZU	010	IAF	IF		FB				
	YEKZU	OKPOQ	020		TF		FB	1.0	010.9(006T)	005.0	03200
		OKPOQ	010	FACF	IF		FB				03200
		ZABVY	020	FAP	TF		FB	0.5	100.9(096T)	005.1	02500
		HADEP	025	SDF	TF		FB	0.3	101.0(096T)	003.0	01680
		RW10	030	MAP	TF		FO	0.3	101.0(096T)	003.0	00714

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	101.0(096T)		01086
	SIJMI	050		DF		FO	1.0			03500
	SIJMI	060		HM	R	FO	2.0	281.2(276T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HADEP	N452552.25	W0845926.14	N4525.871	W08459.436
	OKPOQ	N452639.40	W0851010.26	N4526.657	W08510.171
	SIJMI	N452421.84	W0843928.71	N4524.364	W08439.479
	WUQPU	N453137.77	W0850926.62	N4531.630	W08509.444
	YEKZU	N452141.02	W0851053.77	N4521.684	W08510.896
	ZABVY	N452608.02	W0850259.98	N4526.134	W08503.000
	RW10	N452533.36	W0845511.96	N4525.556	W08455.199

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW10	00679	35	

CITY AND STATE
HARBOR SPRINGS, MI

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RNAV

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