Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 02/01/2012	Task #: 2008061618983747005	Request #: 20080616189837
Procedure: RNAV (GPS) RWY 26 ORIG		Airport ID: KMCD	Airport: MACKINAC ISLAND		Reimbursable #:
City: MACKINAC ISLAND	ST: MI	GPS #:		Estimated Chart Date: 07/26/2012	FICO #:
Fac ID:	Fac. Type: LPV	Specialist: DONALD LANIER			

LPV

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	02/01/2012	03/22/2012	JILL OLSON	
QA:	03/22/2012	03/28/2012	STEVEN SZUKALA	
Liaison:	03/28/2012		Alfonso	

P1

Procedure Comments:

Remark Type: INFORMATION

pg 1 of 4

MACKINAC ISLAND, MI MACKINAC ISLAND (KMCD) RNAV (GPS) RWY 26, ORIG (LPV) ENROUTE-NO FC: 6.12.12 PUB: 7.26.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): COSRU, ORIG; HUVTI, ORIG; IRBUW, ORIG; PELLSTON (PLN) VTAC, REV 14; WAKMA, ORIG; (INFO ONLY) PINES-INT, REV 11.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

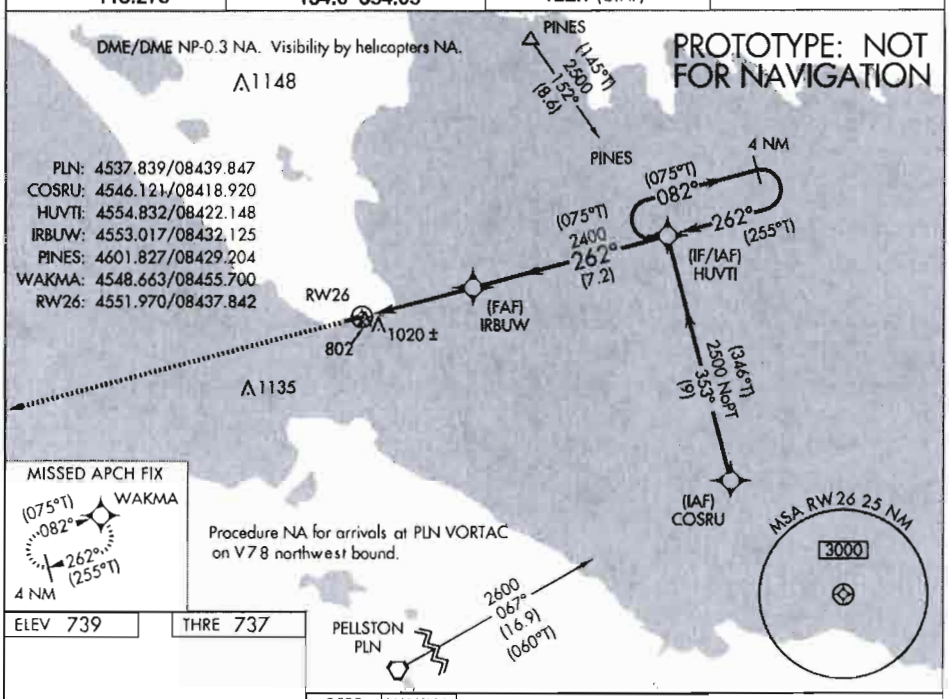
WAAS CH 99529 W26A	APP CRS 262°	Rwy ldg 3500 THRE 737 Apt Elev 739

RNAV (GPS) RWY 26
MACKINAC ISLAND (MCD)

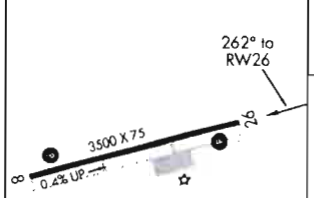
BARO-VNAV NA when using Pellston altimeter setting.
For uncompensated BARO-VNAV systems, LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F). When local altimeter setting not received, use Pellston altimeter setting and increase all DA 46 feet and all MDA 60 feet, increase LNAV/VNAV Cats A/B, LNAV Cat C, and Circling Cat C visibility ⅛ mile. When VGSI inop, straight-in/circling RWY 26 procedure NA at night. When VGSI inop, circling to RWY 8 NA at night.

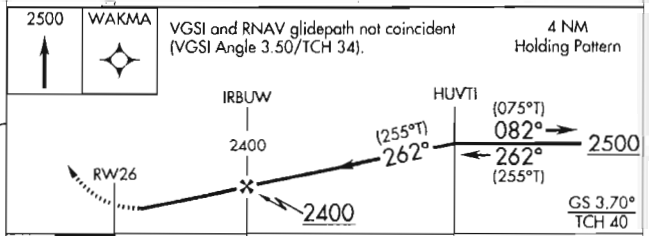
MISSED APPROACH: Climb to 2500 direct WAKMA and hold.

AWOS-3	MINNEAPOLIS CENTER	UNICOM	
118.275	134.6 354.05	122.7 (CTAF)	122.8



ELEV 739 | THRE 737





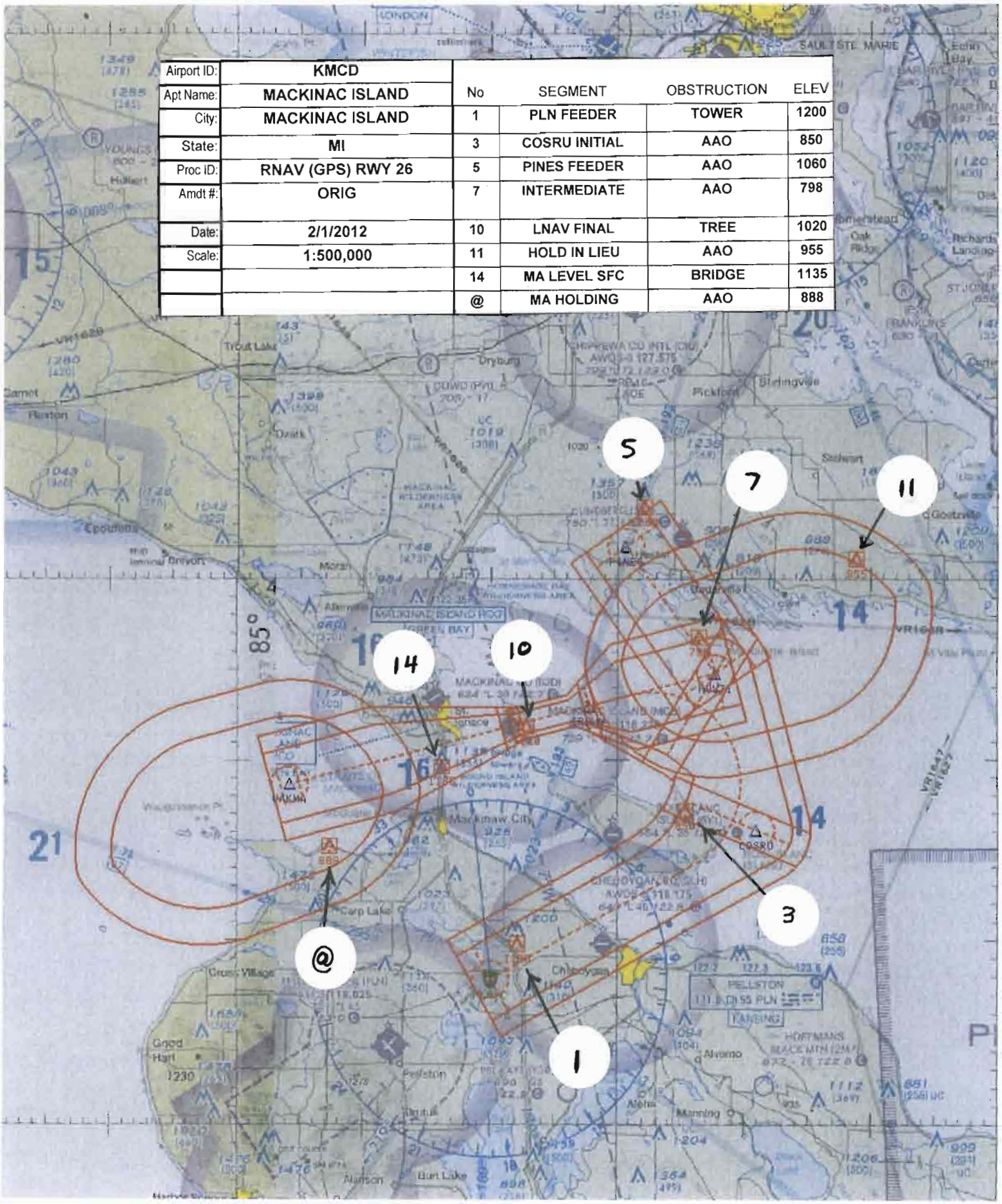
CATEGORY	A	B	C	D
LPV DA	1063-1 326 (400-1)		NA	
LNAV/VNAV DA	1174-1¼ 437 (500-1¼)		NA	
LNAV MDA	1280-1 543 (600-1)		1280-1⅝ 543 (600-1⅝)	NA
CIRCLING	1320-1 581 (600-1)		1320-1⅝ 581 (600-1⅝)	NA

MIRL Rwy 8-26
REIL Rwys 8 and 26

NM 7 14 21 28 35 42 49

FT 42000 84000 126000 168000 210000 252000 294000

fpodhl | mcdlpvt26 (PROD) | 21 Feb 2012 09:21:06 | 1" = 41666.7 feet (MAP)



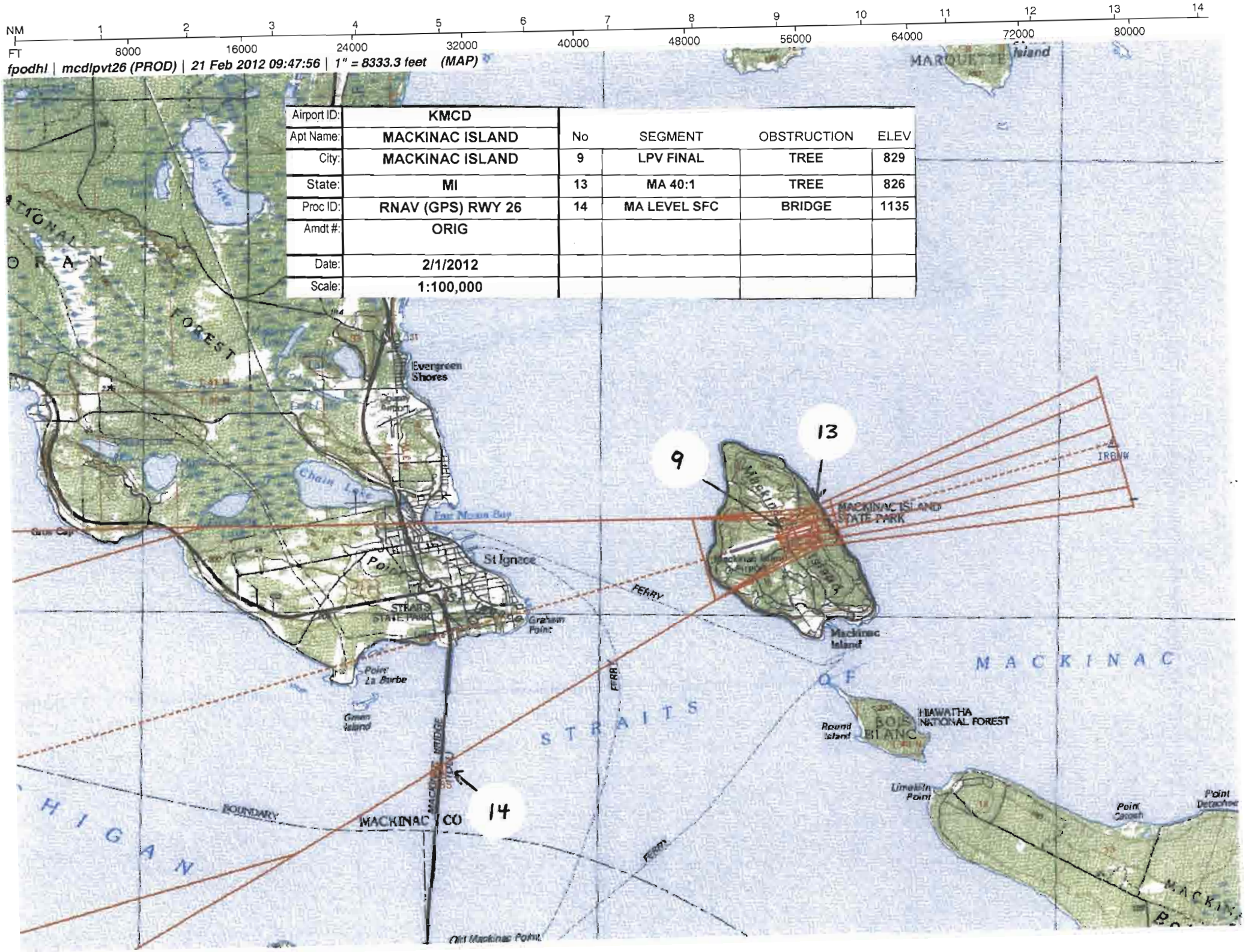
Airport ID:	KMCD
Apt Name:	MACKINAC ISLAND
City:	MACKINAC ISLAND
State:	MI
Proc ID:	RNAV (GPS) RWY 26
Amdt #:	ORIG
Date:	2/1/2012
Scale:	1:500,000

No	SEGMENT	OBSTRUCTION	ELEV
1	PLN FEEDER	TOWER	1200
3	COSRU INITIAL	AAO	850
5	PINES FEEDER	AAO	1060
7	INTERMEDIATE	AAO	798
10	LNAV FINAL	TREE	1020
11	HOLD IN LIEU	AAO	955
14	MA LEVEL SFC	BRIDGE	1135
@	MA HOLDING	AAO	888

fpodhl | mcdlpvt26 (PROD) | 21 Feb 2012 09:47:56 | 1" = 8333.3 feet (MAP)

Airport ID:	KMCD
Apt Name:	MACKINAC ISLAND
City:	MACKINAC ISLAND
State:	MI
Proc ID:	RNAV (GPS) RWY 26
Amdt #:	ORIG
Date:	2/1/2012
Scale:	1:100,000

No	SEGMENT	OBSTRUCTION	ELEV
9	LPV FINAL	TREE	829
13	MA 40:1	TREE	826
14	MA LEVEL SFC	BRIDGE	1135

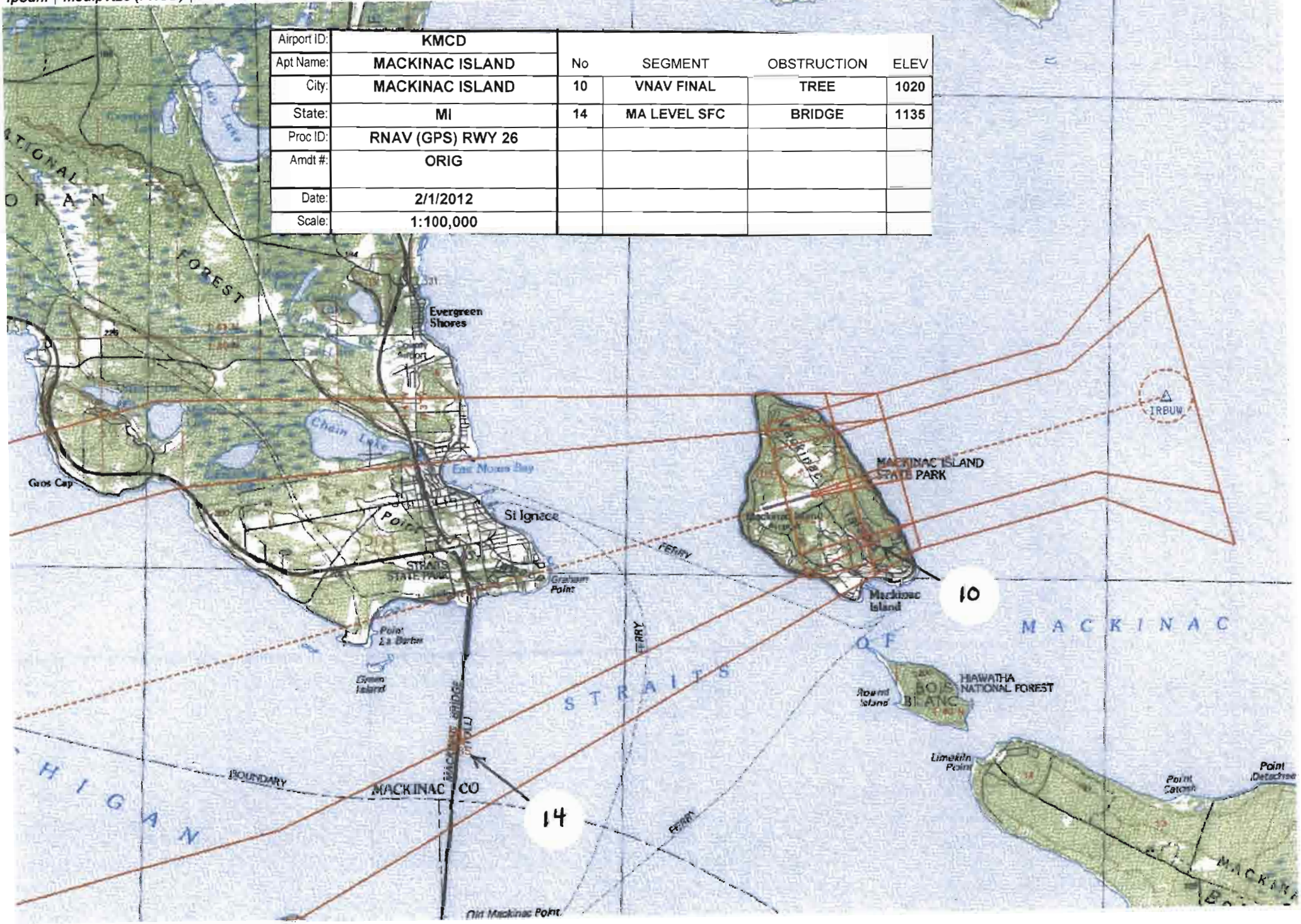


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpodhl | mcdlpvt26 (PROD) | 21 Feb 2012 09:50:06 | 1" = 8333.3 feet (MAP)

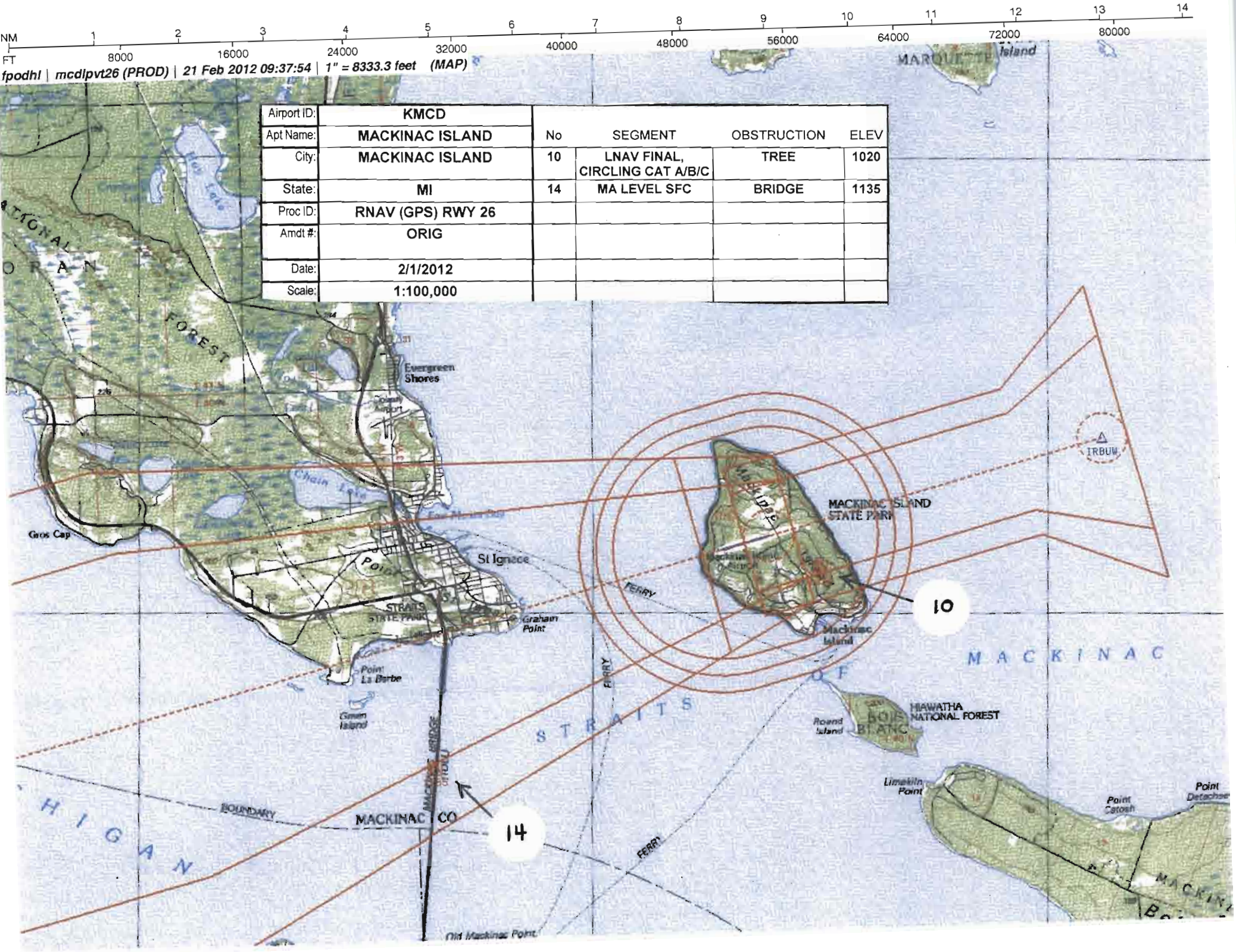
Airport ID:	KMCD				
Apt Name:	MACKINAC ISLAND	No	SEGMENT	OBSTRUCTION	ELEV
City:	MACKINAC ISLAND	10	VNAV FINAL	TREE	1020
State:	MI	14	MA LEVEL SFC	BRIDGE	1135
Proc ID:	RNAV (GPS) RWY 26				
Amdt #:	ORIG				
Date:	2/1/2012				
Scale:	1:100,000				



fpodhl | mcdlpvt26 (PROD) | 21 Feb 2012 09:37:54 | 1" = 8333.3 feet (MAP)

Airport ID:	KMCD
Apt Name:	MACKINAC ISLAND
City:	MACKINAC ISLAND
State:	MI
Proc ID:	RNAV (GPS) RWY 26
Amdt #:	ORIG
Date:	2/1/2012
Scale:	1:100,000

No	SEGMENT	OBSTRUCTION	ELEV
10	LNAV FINAL, CIRCLING CAT A/B/C	TREE	1020
14	MA LEVEL SFC	BRIDGE	1135



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PLN VORTAC	COSRU (FB)	067.42 / 16.85	2600
COSRU (IAF)	HUVTI (NOPT) (FB)	352.50 / 9.00	2500
PINES	HUVTI (FO)	151.84 / 8.55	2500
HUVTI (IF/IAF)	IRBUW (FB)	262.46 / 7.20	2400
IRBUW (FAF)	RW26 (MAP) (FO)	262.34 / 4.13	
RW26 (MAP)	1063 MSL	262.34	
1063 MSL	WAKMA (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

CLIMB TO 2500 DIRECT WAKMA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 082.06 INBOUND.
CHART FAS OBST: 1020 TREE 455130N/0843658W
DISTANCE TO THLD FROM 326 HATH: 0.73 NM.
WAAS CHANNEL # 99529
REFERENCE PATH ID: W26A
CHART APT ELEV 739.
LTP HAE: 189.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E HUVTI, RT, 262.46 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 262.34 FAF: IRBUW DIST FAF TO MAP: 4.13 THLD: 4.13
4. MIN. ALT: HUVTI 2500, IRBUW 2400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: IRBUW 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.70 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW26 3000

MAG VAR: 7W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

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
LPV DA	1063	1	326	1063	1	326		NA			NA				
LNAV/VNAV DA	1174	1 1/4	437	1174	1 1/4	437		NA			NA				
LNAV MDA	1280	1	543	1280	1	543	1280	1 5/8	543		NA				
CIRCLING	1320	1	581	1320	1	581	1320	1 5/8	581		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING PELLSTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL DA 46 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV CATS A/B, LNAV CAT C, AND CIRCLING CAT C (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
				DATED

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[X] YES [ ] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] ZMP, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **DONALD H. LANIER**	FIFO **AJV-353**	DATE: **02/10/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

1. THIS REPLACES GPS RWY 26.

REASONS:

1. FPT REQUEST.

QUALITY CHECKED

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NOTES, (CONT.):
VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 26 PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 8 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLN VORTAC ON V78 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCD
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	455158.1735N
LTP/FTP LONGITUDE	0843750.5120W
LTP/FTP ELLIPSOIDAL HEIGHT	+01892
FPAP LATITUDE	455135.5000N
FPAP LONGITUDE	0843953.8100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.70
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9CA6727D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02247
FPAP ORTHOMETRIC HEIGHT	+02247

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
☐	☐	☐	☐	☐	☐	☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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```
ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PLN   K5011180VTLA N45375032W084395082    N45375032W084395082W0060008361     NARPELLSTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COSRU K50    W     N45460728W084185518                      W0073     NAR           COSRU
        SUSAEAENRT   HUVTI K50    W     N45544990W084220885                      W0073     NAR           HUVTI
        SUSAEAENRT   IRBUW K50    W     N45530101W084320749                      W0072     NAR           IRBUW
        SUSAEAENRT   PINES K50    C   L N46014961W084291225                      W0073     NAR           PINES
        SUSAEAENRT   WAKMA K50    W     N45483977W084554201                      W0068     NAR           WAKMA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5AMCD     0     035YHN45515380W084381440W007000739         1800018000C    MNAR    MACKINAC ISLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5FR26   APINES 010PINESK5EA0E       IF                                                18000                 A JS
        SUSAP KMCDK5FR26   APINES 020HUVTIK5EA0EY   020TF                    15180086    + 02500                                A JS
        SUSAP KMCDK5FR26   APINES 030HUVTIK5EA0EE AR   HF                    26250040    + 02500                                A JS
        SUSAP KMCDK5FR26   APLN   010PLN  K5D 0V       IF                                                18000                 A JS
        SUSAP KMCDK5FR26   APLN   020COSRUK5EA0E . A 020TF                    06740169    + 02600                                A JS
        SUSAP KMCDK5FR26   APLN   030HUVTIK5EA0EE B 010TF                    35250090    + 02500                                A JS
        SUSAP KMCDK5FR26   R      010HUVTIK5EA0E  I    IF                                 + 02500     18000                 A JS
        SUSAP KMCDK5FR26   R      020IRBUWK5EA1E  F 051TF                    26250072    + 02400                  RW26  K5PGA JS
        SUSAP KMCDK5FR26   R      020IRBUWK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KMCDK5FR26   R      030RW26 K5PG0GY M 031TF                    26230041      00777              -370          A JS
        SUSAP KMCDK5FR26   R      040          0  M     CA                    2623        + 01063                                A JS
        SUSAP KMCDK5FR26   R      050WAKMAK5EA0EY      DF                                 + 02500                                A JS
        SUSAP KMCDK5FR26   R      060WAKMAK5EA0EE  R   HM                    08210040    + 02500                                A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5GRW26    0035002623 N45515817W084375051-0400    +0189200737000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: **MACKINAC ISLAND**	**RNAV**	**RNAV (GPS) RWY 26, ORIG**	AMDT: **NONE**
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

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```
SUSAP KMCDK5PR26   RW26 001 0000W26A0N4551581735W08437505120+018920370N4551355000W084395381001067516800004 00F4005009CA6727D
SUSAP KMCDK5PR26   RW26 002E      +02247+02247LPV       99529
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KMCDK5SRW26 K5PG               0   18018003025                                                                          M
```

CITY AND STATE	ELEVATION: 739 THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
				DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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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
	PINES	PINES	010		IF		FB					
	PINES	HUVTI	020		TF		FO	2.0	151.8(144.8T)	008.6	AA 02500	
	PINES	HUVTI	030	IAF	HF	R	FO		262.5(255.5T)	004.0	AA 02500	
	PLN	PLN	010		IF		FB					
	PLN	COSRU	020	IAF	TF		FB	2.0	067.4(060.4T)	016.9	AA 02600	
	PLN	HUVTI	030		TF		FB	1.0	352.5(345.5T)	009.0	AA 02500	
		HUVTI	010	FACF	IF		FB				AA 02500	
		IRBUW	020	FAF	TF		FB	0.5	262.5(255.5T)	007.2	AA 02400	
		RW26	030	MAP	TF		FO	0.3	262.3(255.3T)	004.1	AT 00777	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		262.3(255.3T)		AA 01063	
	WAKMA	050		DF		FO				AA 02500	
	WAKMA	060		HM	R	FO		082.1(075.1T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.32	W0843950.82	N4537.839	W08439.847
	COSRU	N454607.28	W0841855.18	N4546.121	W08418.920
	HUVTI	N455449.90	W0842208.85	N4554.832	W08422.148
	IRBUW	N455301.01	W0843207.49	N4553.017	W08432.125
	PINES	N460149.61	W0842912.25	N4601.827	W08429.204
	WAKMA	N454839.77	W0845542.01	N4548.663	W08455.700
	RW26	N455158.17	W0843750.51	N4551.970	W08437.842

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00737	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739	THRE: 737	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND		RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
					DATED:

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	PLN VORTAC	COSRU	1. TOWER (26-001896)	453923.00N/0843742.00W	1200 (5D)	1000	AT400	2600
			2. TERRAIN	453927.00N/0843748.00W	899 (900)		AS1500	2400
INITIAL	COSRU	HUVTI	3. AAO	454645.00N/0842427.00W	850 (4E)	1000	AT650	2500
			4. TERRAIN	455630.00N/0842042.00W	578 (600)		AS1500	2100
FEEDER	PINES	HUVTI	5. AAO	460336.00N/0842745.00W	1060 (4E)	1000	AT440	2500
			6. TERRAIN	460257.00N/0842654.00W	771 (800)		AS1500	2300
INTERMEDIATE	HUVTI (IF/IAF)	IRBUW	7. AAO	455624.00N/0842324.00W	798 (4E)	500	AC125 AT977	2400
			8. TERRAIN	455636.00N/0842345.00W	598 (600)		AS1500	2100
FINAL: LPV	IRBUW	RW26	9. TREE (KMCDT0007)	455156.76N/0843735.24W	829 (2C)	34:1	AC20 MA17	1063/326
FINAL: LNAV/VNAV	IRBUW	RW26	10. TREE	455130.00N/0843658.00W	1020 (2C)	PDA	AC20	1174/437
FINAL: LNAV	IRBUW	RW26	10. TREE	455130.00N/0843658.00W	1020 (2C)	250		1280
2. HOLD-IN-LIEU-OF-PT	HUVTI	P-5	11. AAO	460045.00N/0841100.00W	955 (4E)	1000	AT545	2500
			12. TERRAIN	460048.00N/0841106.00W	755 (800)		AS1500	2300
3. MISSED APPROACH MAP:	DA / DA / RW26	WAKMA	13. TREE (KMCDT0174)	455200.55N/0843711.91W	826 (2C)	ASC	AC20	2500
			14. BRIDGE (26-000207)	454914.00N/0844338.00W	1135 (2C)	1000		2200
ELEV:	825/1032/1180		15. TERRAIN	455145.00N/0843718.00W	899 (900)		AS1500	2400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	581	10. TREE	455130.00N/0843658.00W	1020 (2C)	300		1320
CATEGORY B	1.5 NM	450	581	10. TREE	455130.00N/0843658.00W	1020 (2C)	300		1320
CATEGORY C	1.7 NM	450	581	10. TREE	455130.00N/0843658.00W	1020 (2C)	300		1320
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW26

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	MSA
360-360	TWR (26-001472)	225/ 27.6	1910 (5E)	3000					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
MACKINAC ISLAND, MI	MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 26, ORIG	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZMP ARTCC	N W S	OTHER: AWOS-3	SOURCE: KMCD / KPLN
	F A A		DISTANCE: 0 / 18.88
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KMCD		ADJUSTMENT: 0 / 46

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 08 (PCL), 26 (PCL)
	X	REIL 08 (PCL), 26 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4L 08 (PCL), 26 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	NPI-F 08, 26
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.70	ELEV RWY THRESHOLD: 737.3
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT: 40.0
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD — FT. FROM THRESHOLD
	X	ON CENTERLINE — FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: DONALD H. LANIER	DATE: 02/10/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

ACTUAL HIGH TEMP: 68C (154F)

VDP NOT ESTABLISHED - OBSTACLES PENETRATE THE 20:1.

PARA 251, 20:1 PENETRATION.

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

KMCD AWOS AND KPLN ASOS ON SERVICE A.

VGSI DATA: 4.00/40.

RASS PRESSURE PATTERNS SAME
KMCD 738.9, KPLN 720.7
RA = 45.98.
SEE ATTACHED AIRSPACE LETTER.

LPV SLOPE: 34:1
LNAV/VNAV SLOPE: 23.4:1

-30 ISA DEVIATION USE DUE TO NO ACT DATA AT THIS AIRPORT.

3.7 DEGREE GLIDEPATH ANGLE SELECTED FOR OBSTACLE AVOIDANCE WHILE PROVIDING LOWEST MINIMUMS.
LPV AND LNAV/VNAV CATS A/B ONLY.

TERPS, VOLUME 1, VISUAL PORTION OF FINAL PENETRATIONS:
RWY 26 20:1 (TOO NUMEROUS, TOP 8 LISTED. FPT NOTIFIED OF ALL):
805 TREE (KMCDT0036) 455202.68N/0843748.21W (64.03)
803 TREE (KMCDT0153) 455155.56N/0843744.01W (56.82)
801 TREE (KMCDT0037) 455202.68N/0843746.49W (54.15)
824 TREE (KMCDT0009) 455155.65N/0843736.86W (53.25)
829 TREE (KMCDT0007) 455156.76N/0843735.24W (51.28)
840 TREE (KMCDT0130) 455157.09N/0843731.18W (47.97)
833 TREE (KMCDT0131) 455157.12N/0843733.00W (47.15)
797 TREE (KMCDT0147) 455156.12N/0843742.62W (45.35)

RWY 26: 34:1 (TOO NUMEROUS, TOP 8 LISTED):
831 TREE (KMCDT0093) 455200.45N/0843718.75W (33.95)
829 TREE (KMCDT0071) 455207.21N/0843720.92W (31.20)
831 TREE (KMCDT0154) 455202.48N/0843717.19W (29.27)
832 TREE (KMCDT0170) 455158.18N/0843714.70W (28.52)
831 TREE (KMCDT0168) 455159.69N/0843715.24W (27.46)
804 TREE (KMCDT0059) 455207.58N/0843730.64W (25.48)
805 TREE (KMCDT0061) 455206.29N/0843728.75W (23.65)
813 TREE (KMCDT0067) 455207.05N/0843724.89W (23.31)

RWY 8 20:1 (FPT NOTIFIED)
809 TREE 55149.68N/0843847.66W (63.44)
809 TREE 455145.62N/0843848.05W (56.88)
734 VEHICLE ON ROAD 455148.69N/0843843.27W (2.18)

FEEDERS DEVELOPED PER FPT.

LPV, LNAV/VNAV AND LNAV INTERMEDIATE SEGMENTS HAVE SAME CONTROLLING OBSTACLE.

WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING TO RWY 8/26 NA AT NIGHT DUE TO 20:1 PENETRATIONS.

USED 100' VEGETATION INSIDE 5 NM PER FPT.

QUALITY & CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: COSRU **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 454607.28N/0841855.18W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 26			KMCD	MACKINAC ISLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUVTI **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 455449.90N/0842208.85W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	082.46	262.46	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	460048.00N/0841106.00W	955	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 26		1	KMCD	MACKINAC ISLAND	MI (US)
IAP	RNAV (GPS) RWY 8		1	KMCD	MACKINAC ISLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IRBUW **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 455301.01N/0843207.49W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

REMARKS:
8260.54A PFAF LOCATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 26			KMCD	MACKINAC ISLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PELLSTON VORTAC **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 453750.32N/0843950.82W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PELLSTON	PLN	VORTAC	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	PLN	VORTAC	066.00	246.00	R	1		2400	10000	4	9
2	W	PLN	VORTAC	262.15	082.15	R	1		2800	10000	4	9
3	S	PLN	VORTAC	191.66	011.66	R	1		2400	10000	4	9
4	NE	PLN	VORTAC	046.61	226.61	R	1		3000	10000	4	9
5	NE	PLN	VORTAC	063.00	243.00	R	1		2400	10000	4	9
6	NE		WP	066.00	246.00	R		4	2400	10000	5	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	AAO	453233.00N/0845142.00W	1349	4E
1	200	TOWER (26-001896)	453923.00N/0843742.00W	1200	5D
2	200	AAO	453239.00N/0845118.00W	1273	4E
3	200	TOWER (26-001896)	453923.00N/0843742.00W	1200	5D
4	200	TOWER (26-001896)	453923.00N/0843742.00W	1200	5D
5	200	TOWER (26-001896)	453923.00N/0843742.00W	1200	5D
6	200	TOWER (26-001896)	453923.00N/0843742.00W	1200	5D

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V193					(US)
EN ROUTE	V193-320					(US)
EN ROUTE	V233					(US)
EN ROUTE	V609					(US)
EN ROUTE	V78					(US)
IAP	NDB RWY 27			KSJX	BEAVER ISLAND	MI (US)
IAP	RNAV (GPS) RWY 27			KSJX	BEAVER ISLAND	MI (US)
IAP	RNAV (GPS) RWY 9			KN98	BOYNE CITY	MI (US)
IAP	RNAV (GPS) RWY 17			KBFA	BOYNE FALLS	MI (US)
IAP	RNAV (GPS) RWY 27			KCVX	CHARLEVOIX	MI (US)
IAP	RNAV (GPS) RWY 9			KCVX	CHARLEVOIX	MI (US)
IAP	RNAV (GPS) RWY 10			KSLH	CHEBOYGAN	MI (US)
IAP	RNAV (GPS) RWY 28			KSLH	CHEBOYGAN	MI (US)
IAP	VOR RWY 10		2	KSLH	CHEBOYGAN	MI (US)
IAP	VOR-A		4	KMGN	HARBOR SPRINGS	MI (US)
IAP	RNAV (GPS) RWY 26			KMCD	MACKINAC ISLAND	MI (US)
IAP	RNAV (GPS) RWY 8			KMCD	MACKINAC ISLAND	MI (US)
IAP	VOR/DME-A		3	KMCD	MACKINAC ISLAND	MI (US)
IAP	ILS OR LOC RWY 32		1	KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 23			KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 32		6	KPLN	PELLSTON	MI (US)
IAP	VOR RWY 23		1	KPLN	PELLSTON	MI (US)
IAP	VOR/DME RWY 5		5	KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 27			KPZQ	ROGERS CITY	MI (US)
IAP	RNAV (GPS) RWY 9			KPZQ	ROGERS CITY	MI (US)
IAP	NDB RWY 34			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 27			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 9			KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 25			K83D	ST. IGNACE	MI (US)
IAP	RNAV (GPS) RWY 7			K83D	ST. IGNACE	MI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 07/26/2012

QUALITY CHECKED

REASON FOR REVISION:
UPDATED FIX USE.
CHANGED HOLDING PAT 3 CRS INBOUND FROM 11.65 TO 11.66.
CHANGED HOLDING PAT 2 CONTROLLING OBSTACLE DATA.

DEVELOPED BY:	**DATE:** 02/08/2012	**OFFICE:** AJV-353	**NAME:** DONALD LANIER
APPROVED BY:	**DATE:**	**OFFICE:** AJV-353	**NAME:** LARRY STROUT
	SIGNATURE:		

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: APN APP CON
OTHER: AIRPORT MANAGER

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAKMA **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 454839.77N/0845542.01W **TYPE:** WP

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

HOLDING: **HOLDING TYPE OF ACTION:** ESTABLISH

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	W		WP	262.06	082.06	R		4	2500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	454448.00N/0845233.00W	889	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 26		1	KMCD	MACKINAC ISLAND	MI (US)
IAP	RNAV (GPS) RWY 8		1	KMCD	MACKINAC ISLAND	MI (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 02/09/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER:

QUALITY CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: PINES **STATE:** MI **COUNTRY:** US

LATITUDE/LONGITUDE: 460149.61N/0842912.25W **TYPE:** WP, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	SAULT STE MARIE	SSM	VOR/DME	H	201.42	197.42	24.00	24.00		3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	S	SSM	VOR/DME	201.42	021.42	R	1-1 1/2		3000	17500	5	17
2	SW		WP	203.30	023.30	R		4	3000	17500	5	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (26-002545)	460427.00N/0842747.00W	1357	5D
2	200	TOWER (26-002545)	460427.00N/0842747.00W	1357	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V193	1				(US)
IAP	RNAV (GPS) RWY 10			KSLH	CHEBOYGAN	MI (US)
IAP	RNAV (GPS) RWY 23			KPLN	PELLSTON	MI (US)
IAP	RNAV (GPS) RWY 32			KANJ	SAULT STE MARIE	MI (US)
IAP	ILS RWY 16	1	1	KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 16		2	KCIU	SAULT STE MARIE	MI (US)
IAP	RNAV (GPS) RWY 34			KCIU	SAULT STE MARIE	MI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 **DATE OF REVISION:** 08/25/2011

REASON FOR REVISION:
FIX USE UPDATED.
PAT 1 CONTROLLING OBSTRUCTION AC CHANGED FROM 4D TO 5D.
PAT 2 CONTROLLING OBSTRUCTION AC CHANGED FROM 4D TO 5D.

DEVELOPED BY: **DATE:** 02/15/2011 **OFFICE:** AJV-353 **NAME:** JOSE ALFONSO (ANKUR VERMA)

APPROVED BY: **DATE:** 06/02/2011 **OFFICE:** AJV-353 **NAME:** GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY:
OTHER: TORONTO CENTER

QUALITY CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **MACKINAC ISLAND** STATE: **MI**

AIRPORT NAME: **MACKINAC ISLAND** ID: **KMCD**

PROCEDURE: **RNAV (GPS) RWY 26** AMDT: **ORIG**

DOCKET#: **NOT REQUIRED**
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **2.86**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **255.34**
4. High Terrain in **FINAL** segment containing 1000' point **899**
5. Distance from **THLD** to 1500' point **4.13**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.13**
7. True Course of **FINAL** segment containing 1500' point **255.34**
8. High Terrain in **FINAL** segment containing 1500' point **899**
9. Threshold Coordinates (if straight-in) ... **455158.17N / 0843750.51W**
10. ARP Coordinates ..... **455153.80N / 0843814.40W**
11. Runway Approach End and distance furthest from ARP ..... RWY **8**

    Distance **0.29** NM
12. FAF Coordinates ..... **455301.01N / 0843207.49W**

REMARKS: Approach/Drawing attached.