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	ZIMUX (FB)	298.37 / 9.86	2600
PINES	WAKMA (FO)	241.71 / 22.71	2500
ZIMUX (IAF)	WAKMA (NOPT) (FB)	352.09 / 7.50	2500
WAKMA (IF/IAF)	NUBKE (FB)	082.06 / 7.20	2400
NUBKE (FAF)	JUPIB/1.50 NM TO RW08 (FB)	082.17 / 3.64	
JUPIB/1.50 NM TO RW08	RW08 (MAP) (FO)	082.24 / 1.50	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW08
LNAV: RW08

CLIMB TO 2500 DIRECT HUVTI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 262.46 INBOUND.
CHART FAS OBST: 829 TREE 455153N/0843840W
CHART FAS OBST: 859 TREE 455134N/0843807W
NUBKE TO RW08: 3.00/40.
WAAS CHANNEL # 63129
REFERENCE PATH ID: W08A
LTP HAE: 185.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W WAKMA, RT, 082.06 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 082.18 FAF: NUBKE DIST FAF TO MAP: 5.14 THLD: 5.14
4. MIN. ALT: WAKMA 2500, NUBKE 2400, JUPIB/1.50 NM TO RW08 1240
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: RW08 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
LP MDA	1080	1	356	1080	1	356	1080	1	356		NA				
LNAV MDA	1120	1	396	1120	1	396	1120	1 1/8	396		NA				
CIRCLING	1320	1	581	1320	1	581	1320	1 1/2	581		NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE LP CAT C VISIBILITY 1/8 MILE, LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 26 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 8 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 724	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 8, ORIG 26 JULY 2012	AMDT: NONE
				DATED

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW08 (MAP)	1080 MSL	082.24	
1080 MSL	HUVTI (FO)		2500

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PLN VORTAC AIRWAY RADIALS 219 CW 295.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCD
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	455149.3790N
LTP/FTP LONGITUDE	0843838.3475W
LTP/FTP ELLIPSOIDAL HEIGHT	+01852
FPAP LATITUDE	455212.0300N
FPAP LONGITUDE	0843635.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	475E4527

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02207
FPAP ORTHOMETRIC HEIGHT	+02207

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				DATED:

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)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PLN   K5011180VTLA N45375032W084395082    N45375032W084395082W0060008361     NARPELLSTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUVTI K50    W     N45544990W084220885                      W0073     NAR           HUVTI
        SUSAEAENRT   JUPIB K50    W     N45512647W084404289                      W0071     NAR           JUPIB
        SUSAEAENRT   NUBKE K50    W     N45503076W084454471                      W0070     NAR           NUBKE
        SUSAEAENRT   PINES K50    C   L N46014961W084291225                      W0073     NAR           PINES
        SUSAEAENRT   WAKMA K50    W     N45483977W084554201                      W0068     NAR           WAKMA
        SUSAEAENRT   ZIMUX K50    W     N45412505W084525651                      W0068     NAR           ZIMUX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5AMCD     0     035YHN45515380W084381440W007000739         1800018000C    MNAR    MACKINAC ISLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5FR08   APINES 010PINESK5EA0E       IF                                          18000                 A JS
        SUSAP KMCDK5FR08   APINES 020WAKMAK5EA0EY   020TF                    24170227    + 02500                          A JS
        SUSAP KMCDK5FR08   APINES 030WAKMAK5EA0EE AR   HF                    08210040    + 02500                          A JS
        SUSAP KMCDK5FR08   APLN   010PLN  K5D 0V       IF                                          18000                 A JS
        SUSAP KMCDK5FR08   APLN   020ZIMUXK5EA0E  A 020TF                    29840099    + 02600                          A JS
        SUSAP KMCDK5FR08   APLN   030WAKMAK5EA0EE B 010TF                    35210075    + 02500                          A JS
        SUSAP KMCDK5FR08   R      010WAKMAK5EA0E  I    IF                                + 02500     18000                 A JS
        SUSAP KMCDK5FR08   R      020NUBKEK5EA1E  F 051TF                    08210072    + 02400                 RW08  K5PGA JS
        SUSAP KMCDK5FR08   R      020NUBKEK5EA2WALP        N          ALNAV                                                JS
        SUSAP KMCDK5FR08   R      021JUPIBK5EA0E S  031TF                    08220036    V 0124001242        -300          A JS
        SUSAP KMCDK5FR08   R      030RW08 K5PG0GY M 031TF                    08220015      00764             -300          A JS
        SUSAP KMCDK5FR08   R      040         0  M     CA                    0822        + 01080                          A JS
        SUSAP KMCDK5FR08   R      050HUVTIK5EA0EY      DF                                + 02500                          A JS
        SUSAP KMCDK5FR08   R      060HUVTIK5EA0EE  R   HM                    26250040    + 02500                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5GRW08    0035000823 N45514938W084383835+0400    +0185200724000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 THRE: 724	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MACKINAC ISLAND, MI	AIRPORT NAME: MACKINAC ISLAND	RNAV	RNAV (GPS) RWY 8, ORIG 26 JULY 2012	AMDT: NONE DATED:

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PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5PR08   RW08 001 0000W08A0N4551493790W08438383475+018520300N4552120300W084363503001067516800004 00F400000475E4527
        SUSAP KMCDK5PR08   RW08 002E      +02207+02207LP        63129
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCDK5SRW08 K5PG               0   18018003025                                                                          M
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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	WAKMA	020		TF		FO	2.0	241.7(234.7T)	022.7	AA 02500	
	PINES	WAKMA	030	IAF	HF	R	FO		082.1(075.1T)	004.0	AA 02500	
	PLN	PLN	010		IF		FB					
	PLN	ZIMUX	020	IAF	TF		FB	2.0	298.4(291.4T)	009.9	AA 02600	
	PLN	WAKMA	030		TF		FB	1.0	352.1(345.1T)	007.5	AA 02500	
		WAKMA	010	FACF	IF		FB				AA 02500	
		NUBKE	020	FAF	TF		FB	0.5	082.1(075.1T)	007.2	AA 02400	
		JUPIB	021	SDF	TF		FB	0.3	082.2(075.2T)	003.6	AA 01240 GS 01242	
		RW08	030	MAP	TF		FO	0.3	082.2(075.2T)	001.5	AT 00764	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		082.2(075.2T)		AA 01080	
	HUVTI	050		DF		FO				AA 02500	
	HUVTI	060		HM	R	FO		262.5(255.5T)	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
HUVTI	N455449.90	W0842208.85	N4554.832	W08422.148
JUPIB	N455126.47	W0844042.89	N4551.441	W08440.715
NUBKE	N455030.76	W0844544.71	N4550.513	W08445.745
PINES	N460149.61	W0842912.25	N4601.827	W08429.204
WAKMA	N454839.77	W0845542.01	N4548.663	W08455.700
ZIMUX	N454125.05	W0845256.51	N4541.418	W08452.942
RW08	N455149.38	W0843838.35	N4551.823	W08438.639

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW08	00724	40

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