Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 09/20/2011	Task #: 201004092074085900 3	Request #: 20100409207408
Procedure: RNAV (GPS)-A ORIG		**Airport ID:** KC47	**Airport:** PORTAGE MUNI		**Reimbursable #:**
City: PORTAGE	**ST:** WI	**GPS #:**		**Estimated Chart Date:** 01/10/2013	**FICO #:**
Fac ID:	**Fac. Type:** LNAV	**Specialist:** DUSTIN DAVIDSON(Contractor)			

Procedure Review

P3

	Rec'd	Rel'd	Full Name	Comments
Lead:	07/16/2012	09/14/2012	DAVID PUGLISI	
QA:	09/14/2012	09/14/2012	DAVID PUGLISI	
Liaison:	09/14/2012		Sparlin	

Procedure Comments:

Remark Type: INFORMATION

pkg 1 of 1

PORTAGE, WI PORTAGE MUNI (KC47) RNAV (GPS)-A, ORIG ENROUTE-NO FC: 11.27.12 PUB: 1.10.13

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): DELLS (DLL) VTAC, REV 13; IFZAP, REV 1; MACRY, REV 1; (INFO ONLY) LONE ROCK (LNR) VDME, REV 14.

CONTACT: JILL OLSON/STEVE BARNETT -AVJ-353 LEADS, 405.954.4014 / 405.954.9307.

APP CRS	Rwy Idg	N/A
087°	TDZE	N/A
	Apt Elev	824

RNAV (GPS)-A
PORTAGE MUNI (C47)

T
A NA

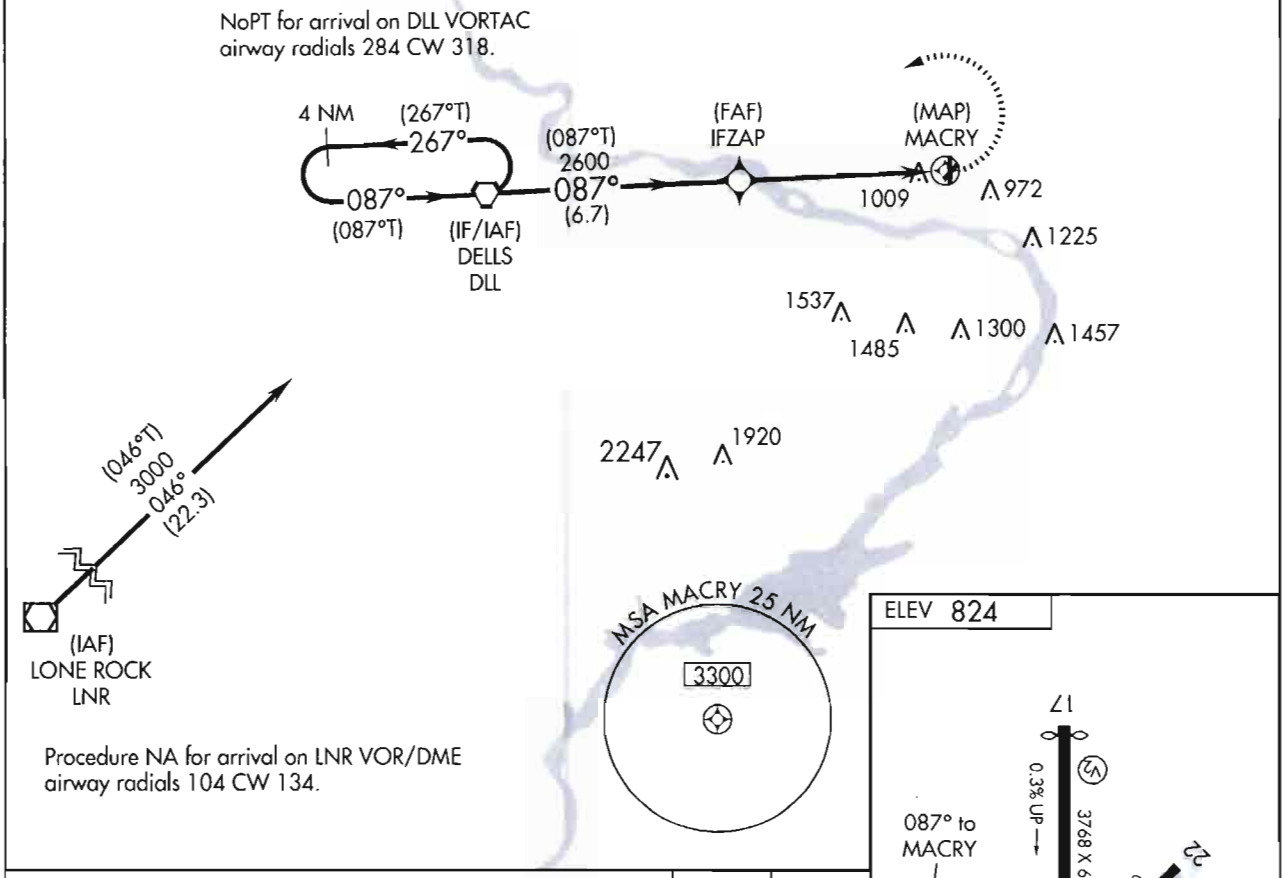
Procedure NA at night. DME/DME RNP-0.3 NA. Helicopter visibility reduction below ¾ SM not authorized. Use Baraboo altimeter setting; when not received, use Dane County Rgnl-Truax Field altimeter setting and increase all MDA 20 feet.

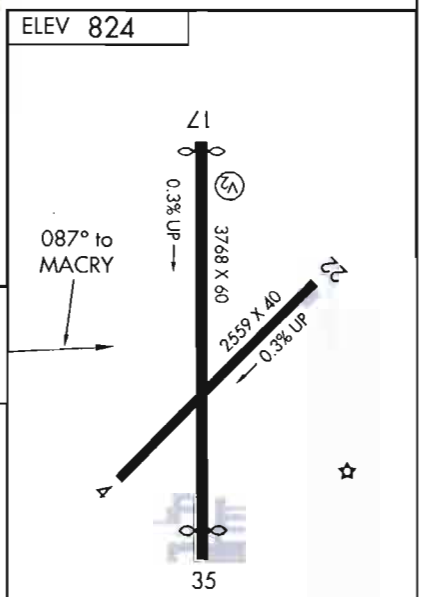
MISSED APPROACH: Climbing left turn 3000 direct DLL VORTAC and hold.

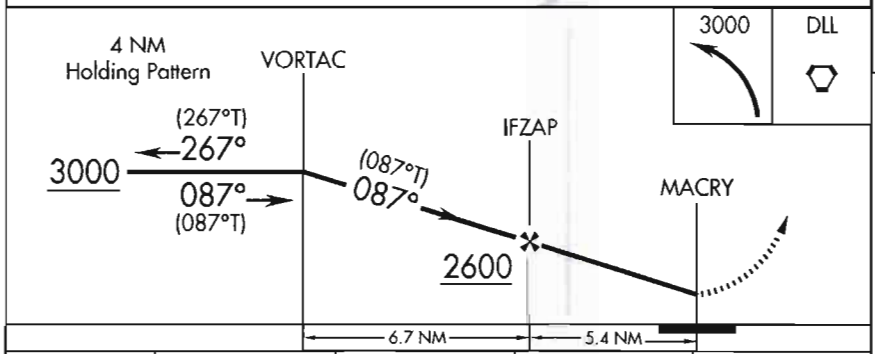
MADISON APP CON★	UNICOM
135.45 343.7	**122.7** (CTAF)

PROTOTYPE: NOT FOR NAVIGATION

DLL: 4333.050N / 08945.817W
LNR: 4317.664N / 09007.989W
IFZAP: 4333.366N / 08936.606W
MACRY: 4333.612N / 08929.160W



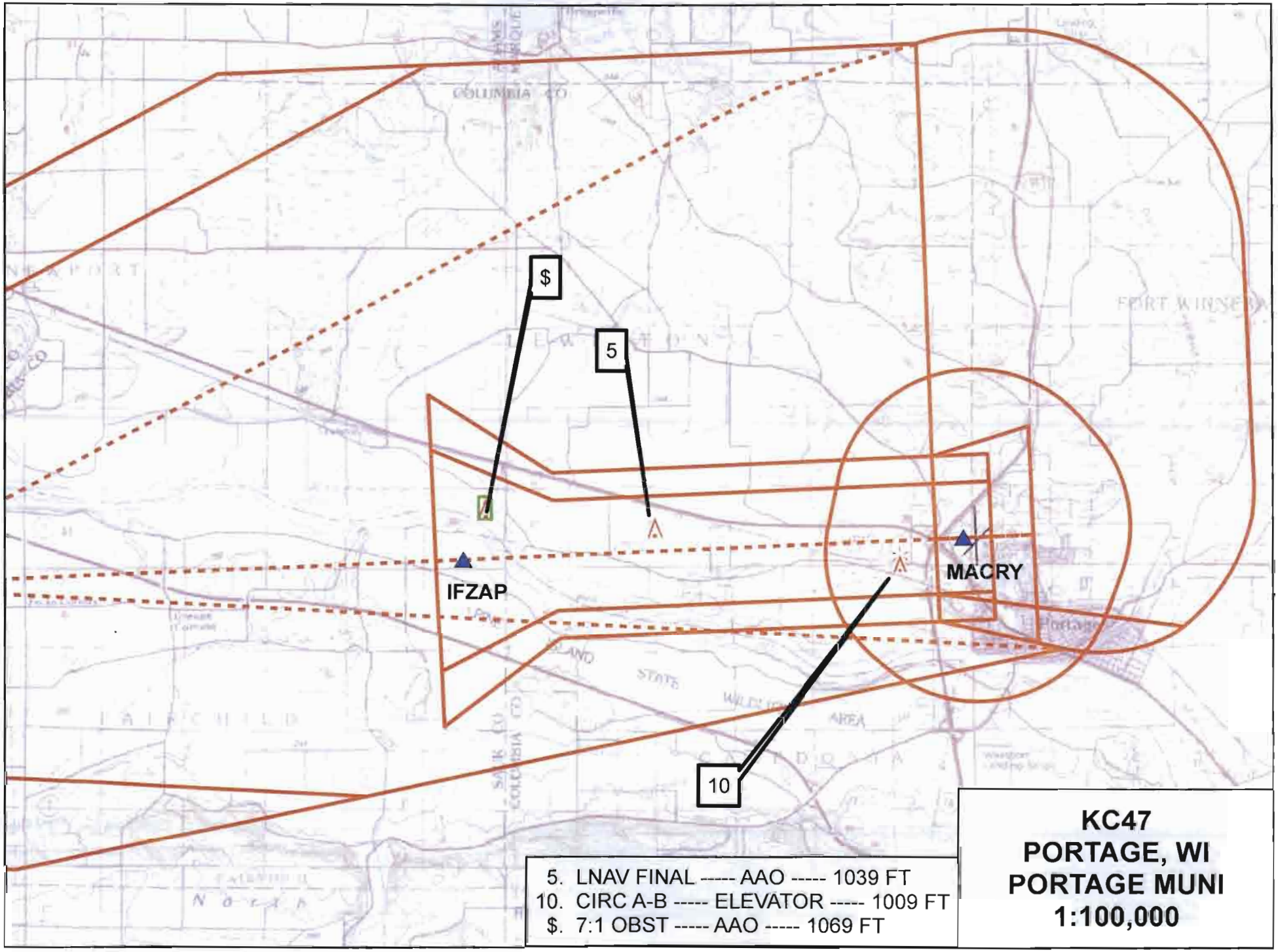




CATEGORY	A	B	C	D
CIRCLING	1420-1	596 (600-1)	NA	

REIL Rwy 17
MIRL Rwy 17-35

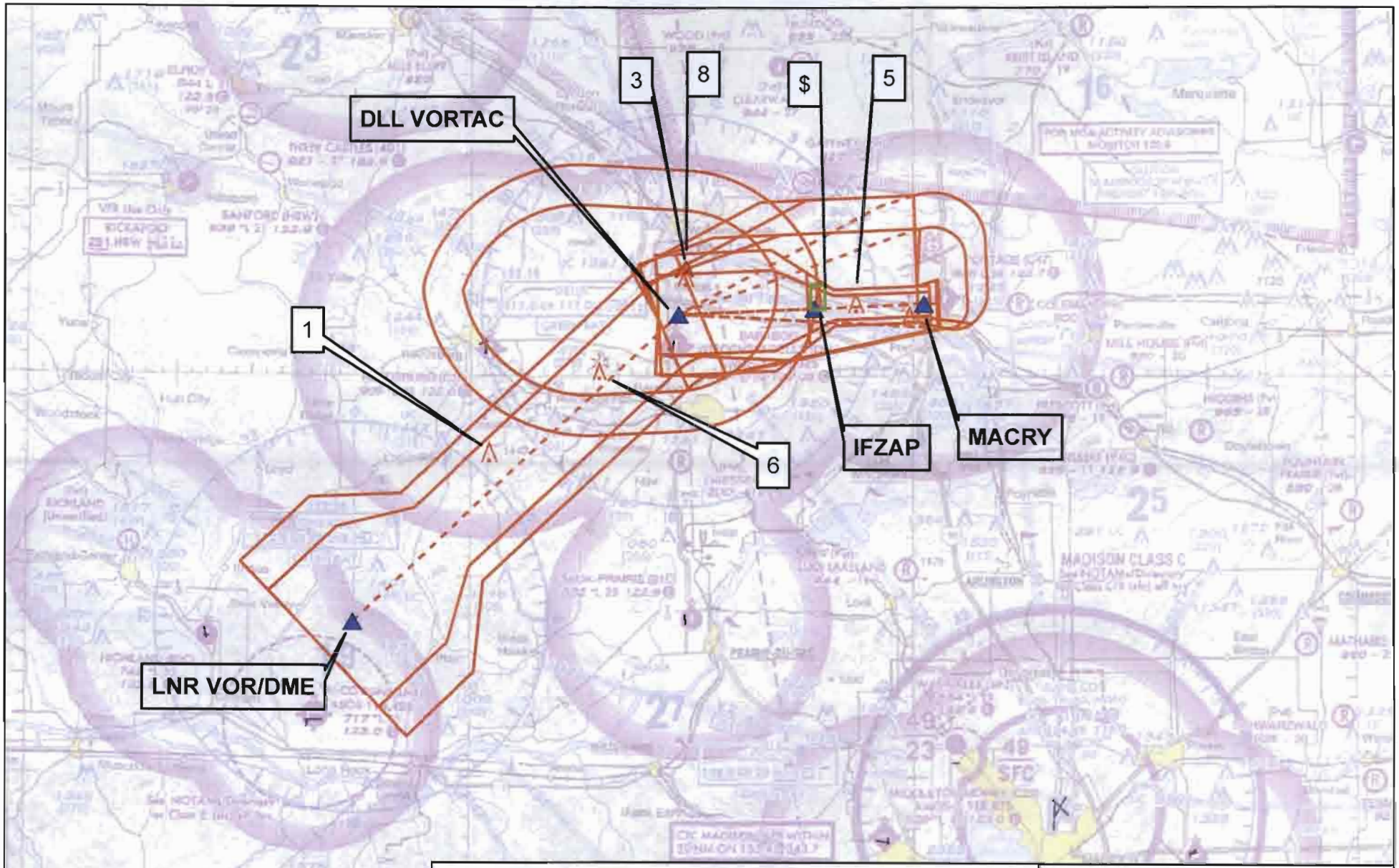
RNAV (GPS)-A Flight Inspection Map



5. LNAV FINAL ----- AAO ----- 1039 FT
10. CIRC A-B ----- ELEVATOR ----- 1009 FT
$. 7:1 OBST ----- AAO ----- 1069 FT

KC47
PORTAGE, WI
PORTAGE MUNI
1:100,000

RNAV (GPS)-A Flight Inspection Map



1. INITIAL ----- AAO ----- 1654 FT
3. INTERMEDIATE ----- AAO ----- 1218 FT
5. LNAV FINAL ----- AAO ----- 1039 FT
6. HOLD-IN-LIEU / MA HOLDING ----- TWR ----- 1472 FT
8. LVL SURFACE MA ----- AAO ----- 1237 FT
$. 7:1 OBST ----- AAO ----- 1069 FT

KC47
PORTAGE, WI
PORTAGE MUNI
1:500,000

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LNR VOR/DME (IAF)	DLL VORTAC (NOPT) (FB)	046.28 / 22.31	3000
DLL VORTAC (IF/IAF)	IFZAP (FB)	087.25 / 6.71	2600
IFZAP (FAF)	MACRY (MAP) (FO)	087.35 / 5.42	
MACRY (MAP)	1224 MSL	087.35	
1224 MSL	DLL VORTAC (FO)		3000

MISSED APPROACH

LNAV: MACRY

CLIMBING LEFT TURN TO 3000 DIRECT DLL VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
FAS OBST: 1039 AAO 433343N/0893345W
1069 AAO 433356N/0893616W
FAC CROSSES MID POINT OF RWY 17-35.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W DLL VORTAC, LT, 087.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 087.35 FAF: IFZAP DIST FAF TO MAP: 5.42 THLD:
4. MIN. ALT: DLL VORTAC 3000, IFZAP 2600
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: MACRY 3300

MAG VAR: 0E EPOCH YEAR: 1985

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
CIRCLING	1420	1	596	1420	1	596		NA			NA				

NOTES:
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON DLL VORTAC AIRWAY RADIALS 284 CW 318.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 824 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORTAGE, WI	PORTAGE MUNI	RNAV	RNAV (GPS)-A, ORIG	AMDT: NONE
				DATED

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

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
[ ]	[ ]	[X]	[ ]	[X]	[X]	[X] **MSN APP CON, ZAU, GRB FSS, ARPT MNGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
JILL OLSON (DUSTIN R. DAVIDSON)	**AJV-353**	**08/07/2012**

APPROVED BY

NAME:		FIFO	DATE:
LARRY H STROUT	**MANAGER**	**AJV-353**	

CHANGES:

ORIGINAL.

REASONS:

FPT REQUEST.

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: USE BARABOO ALTIMETER SETTING; WHEN NOT RECEIVED, USE DANE COUNTY RGNL-TRUAX FIELD ALTIMETER SETTING: INCREASE ALL MDA 20 FT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON LNR VOR/DME AIRWAY RADIALS 104 CW 134.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 824 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORTAGE, WI	AIRPORT NAME: **PORTAGE MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG**	AMDT: **NONE**
				DATED:

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

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:

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DLL   K5011700VTH  N43330300W089454904    N43330300W089454904E0030010232     NARDELLS
        SUSAD        LNR   K5011280VDLA N43173985W090075933    N43173985W090075933E0000011851     NARLONE ROCK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IFZAP K50    W     N43332195W089363636                    W0023     NAR           IFZAP
        SUSAEAENRT   MACRY K50    W     N43333674W089290958                    W0025     NAR           MACRY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP C47 K5AC47     0     037YHN43333710W089285830E000000824         1800018000C    MNAR    PORTAGE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP C47 K5FRNV-A ADLL   010DLL  K5D 0VE AL   HF                    08730040    + 03000     18000                B JC
        SUSAP C47 K5FRNV-A ALNR   010LNR  K5D 0V  A    IF                                          18000                B JC
        SUSAP C47 K5FRNV-A ALNR   020DLL  K5D 0VE B 010TF                    04630223    + 03000                          B JC
        SUSAP C47 K5FRNV-A R      010DLL  K5D 0V  I    IF                              + 03000     18000                B JC
        SUSAP C47 K5FRNV-A R      020IFZAPK5EA0E  F 051TF                    08730067    + 02600                MACRY K5EAB JC
        SUSAP C47 K5FRNV-A R      030MACRYK5EA0EY M 031TF                    08740054      01420          -300          B JC
        SUSAP C47 K5FRNV-A R      040         0  M     CA                    0874        + 01224                      B JC
        SUSAP C47 K5FRNV-A R      050DLL  K5D 0VY  L   DF                              + 03000                      B JC
        SUSAP C47 K5FRNV-A R      060DLL  K5D 0VE  L   HM                    08730040    + 03000                      B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP C47 K5GRW17    0037681778 N43335591W089290001+0300    +021160081100924006OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP C47 K5SMACRYK5EA              0   18018003325                                                                      M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: **824** **TDZE:**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORTAGE, WI	AIRPORT NAME: **PORTAGE MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG**	AMDT: **NONE**
				DATED:

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

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**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DLL	DLL	010	IAF	HF	L	FO		087.3(087.3T)	004.0	AA 03000	
	LNR	LNR	010	IAF	IF		FB					
	LNR	DLL	020		TF		FB	1.0	046.3(046.3T)	022.3	AA 03000	
		DLL	010	FACF	IF		FB				AA 03000	
		IFZAP	020	FAF	TF		FB	0.5	087.3(087.3T)	006.7	AA 02600	
		MACRY	030	MAP	TF		FO	0.3	087.4(087.4T)	005.4	AT 01420	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		087.4(087.4T)		AA 01224	
	DLL	050		DF	L	FO				AA 03000	
	DLL	060		HM	L	FO		087.3(087.3T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLL	N433303.00	W0894549.04	N4333.050	W08945.817
	LNR	N431739.85	W0900759.33	N4317.664	W09007.989
	IFZAP	N433321.95	W0893636.36	N4333.366	W08936.606
	MACRY	N433336.74	W0892909.58	N4333.612	W08929.160
	RW17	N433355.91	W0892900.01	N4333.932	W08929.000

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00811	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **824** TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PORTAGE, WI	AIRPORT NAME: **PORTAGE MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG**	AMDT: **NONE**
				DATED:

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

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.
INITIAL	LNR VOR/DME	DLL VORTAC	1. AAO	432612.00N/0895839.00W	1654 (4E)	1000		2700
			2. TERRAIN	432612.00N/0895839.00W	1454 (1500)		AS1500	3000
INTERMEDIATE	DLL VORTAC	IFZAP	3. AAO	433500.00N/0894521.00W	1218 (4E)	500	AC98 AT784	2600
	(IF/IAF)		4. TERRAIN	433118.00N/0894515.00W	1049 (1000)		AS1500	2500
FINAL: LNAV	IFZAP	MACRY	5. AAO	433343.10N/0893345.39W	1039 (2C)	250	RA52	1360
2. HOLD-IN-LIEU-OF-PT	DLL VORTAC	P-5	6. TOWER (55-000991)	433031.96N/0895109.91W	1472 (5D)	1000	AT528	3000
			7. TERRAIN	432957.00N/0895227.00W	1234 (1200)		AS1500	2700
3. MISSED APPROACH MAP:	MACRY	DLL VORTAC				ASC		3000
			8. AAO	433530.00N/0894527.00W	1237 (4E)	1000		2300
ELEV:	1268		9. TERRAIN	433530.00N/0894527.00W	1037 (1000)		AS1500	2500

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350	596	10. ELEV (55-001238)	433323.00N/0893006.00W	1009 (5D)	300	RA52 AC50	1420
CATEGORY B	1.5 NM	450	596	10. ELEV (55-001238)	433323.00N/0893006.00W	1009 (5D)	300	RA52 AC50	1420
CATEGORY C	1.7 NM	450							
CATEGORY D	2.3 NM	550							
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: MACRY

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (55-000094)	222/ 11.0	2247 (2D)	3300					

QUALITY 2 CHECKED

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PORTAGE, WI	ELEVATION: 824 AIRPORT NAME: PORTAGE MUNI	RNAV	RNAV (GPS)-A, ORIG	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
GREEN BAY FSS MSN APP CON ZAU ARTCC	[ ] NWS [ ] FAA [ ] A/C OTHER: AWOS-3	SOURCE: KDLL / KMSN DISTANCE: 12.78 / 26.01 HOURS REMOTE OPERATION: 0 / 24 HR BACKUP
SATISFACTORY ON: [X] VHF [X] UHF [ ] HF	LOCATION:	ADJUSTMENT: 52 / 69

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	
[ ]	ALS
[ ]	(S) SALS
[ ]	MALS
[ ]	HIRL
[X]	MIRL 17, 35
[X]	REILNSTD 17
[ ]	TDZ
[ ]	C/LINE
[X]	OTHER (SPECIFY) PSIL 17

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 17, 35	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING			
	[ ]	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	[ ]	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY:	DATE:
JILL OLSON (DUSTIN R. DAVIDSON)	08/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 1069 AAO
433356N/0893616W

RASS PRESSURE PATTERNS SAME
KC47 824, KDLL 980
RA = 51.2.

RASS PRESSURE PATTERNS SAME
KC47 824, KMSN 887
RA = 68.6.

AVERAGE VEGETATION ASSUMED TO BE 100 FT PER FPT.

2015 EPOCH YEAR MAGVAR IS +3W, AIRPORT MAGVAR NOT UPDATED PER FPT.

KDLL AWOS 3 IS ON SERVICE A.
KMSN AWOS 3 IS ON SERVICE A.

PROCEDURE NA AT NIGHT DUE TO UNLIGHTED 20:1 PENETRATIONS TO ALL RUNWAYS.

TAA NOT DEVELOPED PER FPT REQUEST.

BLOCK 9: FINAL APPROACH COURSE AIMING POINT MID POINT OF RWY 17-35.

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:
R04: 890 TREE (KC47T0199) 433321.72N/0892912.30W (50.67)
R04: 862 TREE (KC47T0286) 433324.25N/0892910.34W (36.96)
R04: 837 RD (N) (KC47T0276) 433323.09N/0892910.56W (7.11)
R04: 838 RD (N) (KC47T0278) 433323.42N/0892911.86W (6.07)
R17: 875 TREE (KC47T0081) 433403.71N/0892903.88W (34.08)
R17: 880 TREE (KC47T0086) 433406.61N/0892902.44W (24.64)
R17: 863 TREE (KC47T0082) 433403.89N/0892858.24W (21.96)
R17: 861 TREE (KC47T0084) 433404.34N/0892902.23W (17.13)
R17: 853 TREE (KC47T0080) 433402.91N/0892902.12W (16.38)
R17: 866 TREE (KC47T0085) 433405.62N/0892902.93W (15.55)
R17: 876 TREE (KC47T0087) 433408.38N/0892902.36W (11.67)
R17: 821 TREE (KC47T0073) 433358.33N/0892859.09W (7.97)

R17: 820 TREE (KC47T0566) 433358.52N/0892901.17W (5.72)

R17: 821 RD (I) (KC47T0076) 433358.88N/0892902.06W (4.77)
R17: 817 RD (N) (KC47T0070) 433358.15N/0892900.81W (4.64)
R17: 832 TREE (KC47T0079) 433401.22N/0892902.01W (3.94)

R17: 874 TREE (KC47T0088) 433409.71N/0892901.93W (3.00)

R17: 821 RD (I) (KC47T0077) 433359.67N/0892901.00W (0.92)
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.								
		REQUIRED		ACTUAL						
CATEGORY A	1.3 NM		350							
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES

PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 824 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PORTAGE, WI	PORTAGE MUNI	RNAV	RNAV (GPS)-A, ORIG	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE:
		DISTANCE:
		HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN:	CAT 1
		CAT 3

5. APPROACH & RUNWAY LIGHTING	☐	ALS
	☐	(S) SALS
	☐	MALS
	☐	HIRL
	☐	MIRL
	☐	REIL
	☐	TDZ
	☐	C/LINE
	☐	OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING	☐	RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
R17: 879 TREE (KC47T0090) 433411.19N/0892903.28W (0.33)

R22: 909 TREE (KC47T0210) 433350.50N/0892835.26W (57.01)
R22: 902 TREE (KC47T0893) 433358.27N/0892827.02W (0.55)

R35: 888 TREE (KC47T0117) 433315.86N/0892900.85W (45.82)
R35: 926 TRMSN TWR (KC47T0142) 433306.67N/0892858.23W (36.96)
R35: 886 TREE (KC47T0122) 433313.65N/0892901.16W (32.68)
R35: 875 TREE (KC47T0118) 433314.51N/0892900.45W (25.93)
R35: 865 TREE (KC47T0116) 433316.00N/0892856.09W (22.86)
R35: 875 TREE (KC47T0121) 433314.00N/0892855.41W (22.64)
R35: 848 POLE (KC47T0109) 433319.23N/0892855.55W (22.12)
R35: 847 POLE (KC47T0107) 433319.22N/0892859.82W (21.67)
R35: 905 POWER TRANSMISSI (KC47T0742) 433307.60N/0892902.47W (21.26)
R35: 858 TREE (KC47T0114) 433317.01N/0892855.97W (20.95)
R35: 878 TREE (KC47T0124) 433312.78N/0892900.34W (20.16)
R35: 898 TREE (KC47T0134) 433308.87N/0892855.94W (19.77)
R35: 888 TREE (KC47T0131) 433310.76N/0892854.28W (19.09)
R35: 859 TREE (KC47T0115) 433316.06N/0892859.18W (17.59)
R35: 866 TREE (KC47T0119) 433314.53N/0892858.97W (16.82)
R35: 884 TREE (KC47T0721) 433310.38N/0892902.31W (14.30)
R35: 873 TREE (KC47T0125) 433312.52N/0892855.70W (13.20)
R35: 890 TREE (KC47T0136) 433308.36N/0892853.80W (8.89)

R35: 835 RD (N) (KC47T0110) 433318.99N/0892858.39W (8.31)
R35: 835 RD (N) (KC47T0111) 433319.00N/0892856.98W (8.16)
R35: 893 TREE (KC47T0139) 433307.56N/0892855.93W (8.14)

R35: 881 TREE (KC47T0133) 433309.92N/0892855.31W (7.99)

R35: 877 TREE (KC47T0132) 433310.51N/0892859.03W (7.50)

R35: 888 TREE (KC47T0137) 433308.06N/0892857.55W (5.89)

R35: 835 RD (N) (KC47T0112) 433318.27N/0892855.13W (4.21)
R35: 888 TREE (KC47T0138) 433307.51N/0892901.07W (3.60)

R35: 836 RD (N) (KC47T0224) 433317.80N/0892855.13W (2.83)
R35: 862 TREE (KC47T0126) 433312.33N/0892858.74W (1.66)

R35: 836 PARKING LOT (KC47T0113) 433317.34N/0892859.82W (1.16)
R35: 851 BLDG (KC47T0120) 433314.40N/0892856.94W (0.88)

CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
3. MISSED APPROACH	MAP:								
	ELEV:								

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.								
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL							
CATEGORY B	1.5 NM		450								
CATEGORY C	1.7 NM		450								
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 824	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
PORTAGE, WI	AIRPORT NAME: **PORTAGE MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG**	**AGL**

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS OTHER:	SOURCE:
	☐ FAA	DISTANCE:
	☐ A/C	HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING	

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:
9. FINAL APPROACH COURSE AIMING	☐ RUNWAY THRESHOLD	FT. FROM THRESHOLD
	☐ ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.

SEE ATTACHED AIRSPACE LETTER.

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DELLS VORTAC **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 433303.00N/0894549.04W **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	DELLS	DLL	VORTAC	H							45000

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	W		WP	267.25	087.25	L		4	3000	6000	5	6
2	N	DLL	VORTAC	007.00	187.00	R	1		2700	6000	4	5
3	E	DLL	VORTAC	078.34	258.34	R	1		2700	6000	4	5
4	N	DLL	VORTAC	360.00	180.00	L	1-1 1/2		4000	17500	8	16
5	E		WP	081.00	261.00	L		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (55-000094)	432540.00N/0893914.00W	2247	1D
1	200	TOWER (55-000991)	433031.96N/0895109.91W	1472	5D
2	200	TOWER (55-000991)	433031.96N/0895109.91W	1472	5D
3	200	AAO	433051.00N/0894924.00W	1352	4E
4	265	TOWER (55-000991)	433031.96N/0895109.91W	1472	5D
5	200	AAO	432954.00N/0893954.00W	1359	4E

REASON FOR NONSTANDARD HOLDING:
PAT 4 ATC REQUEST
PAT 5 ATC REQUEST
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3500 FEET.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	COULT			KANE	MINNEAPOLIS	MN (US)
DP	COULT			KFCM	MINNEAPOLIS	MN (US)
DP	COULT			KMSP	MINNEAPOLIS	MN (US)
DP	MEADOW LAKE			KMSP	MINNEAPOLIS	MN (US)
DP	MINNEAPOLIS			KMSP	MINNEAPOLIS	MN (US)
DP	COULT			KSTP	ST PAUL	MN (US)
DP	TAKEOFF MINIMUMS			KDLL	BARABOO	WI (US)
DP	MITCHELL			KMKE	MILWAUKEE	WI (US)
EN ROUTE	J34					(US)
EN ROUTE	J538					(US)
EN ROUTE	J68					(US)
EN ROUTE	V170					(US)
EN ROUTE	V228					(US)
EN ROUTE	V345					(US)
EN ROUTE	V82-170-510					(US)
IAP	LOC/DME RWY 1		2	KDLL	BARABOO	WI (US)
IAP	RNAV (GPS) RWY 1			KDLL	BARABOO	WI (US)
IAP	VOR-A		2	KDLL	BARABOO	WI (US)
IAP	ILS OR LOC/DME RWY 27		4	KVOK	CAMP DOUGLAS	WI (US)
IAP	VOR/DME OR GPS RWY 18			KFLD	FOND DU LAC	WI (US)
IAP	RNAV (GPS) RWY 33			K63C	FRIENDSHIP (ADAMS)	WI (US)
IAP	LOC RWY 26			KUNU	JUNEAU	WI (US)
IAP	RNAV (GPS) RWY 27			KLNR	LONE ROCK	WI (US)
IAP	RNAV (GPS) RWY 9			KLNR	LONE ROCK	WI (US)
IAP	VOR-A			KLNR	LONE ROCK	WI (US)
IAP	ILS OR LOC RWY 21			KMSN	MADISON	WI (US)
IAP	ILS OR LOC/DME RWY 18			KMSN	MADISON	WI (US)
IAP	ILS OR LOC/DME RWY 36			KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 18			KMSN	MADISON	WI (US)
IAP	VOR/DME OR TACAN RWY 14			KMSN	MADISON	WI (US)
IAP	LOC/DME RWY 10			KC29	MIDDLETON	WI (US)
IAP	VOR RWY 10			KC29	MIDDLETON	WI (US)
IAP	VOR RWY 28			KC29	MIDDLETON	WI (US)
IAP	RNAV (GPS) RWY 36			KDAF	NECEDAH	WI (US)
IAP	RNAV (GPS) RWY 14			K82C	NEW LISBON	WI (US)
IAP	RNAV (GPS) RWY 32			K82C	NEW LISBON	WI (US)
IAP	RNAV (GPS)-A		1	KC47	PORTAGE	WI (US)

QUALITY CHECKED

IAP	VOR/DME RNAV OR GPS RWY 17		KC47	PORTAGE	WI (US)
IAP	RNAV (GPS) RWY 18		K91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 36		K91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 18	5	KC35	REEDSBURG	WI (US)
IAP	RNAV (GPS) RWY 36	5	KC35	REEDSBURG	WI (US)
IAP	VOR-A	3	KC35	REEDSBURG	WI (US)
IAP	NDB RWY 29		KCMY	SPARTA	WI (US)

REQUIRED CHARTING: DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
UPDATED HOLDING PAT 1 INBOUND COURSE FROM 084.00 TO 087.25.
INCREASED HOLDING PAT 1 MIN ALTITUDE FROM 2700 TO 3000 FEET.
REMOVED IDENT FROM PAT 1.
CHANGED PAT 1 TYPE FROM VORTAC TO WP.
REMOVED PAT 1 LEG LENGTH TIME.
ADDED PAT 1 LEG LENGTH DME.
INCREASED PAT 1 MIN TEMPLATE FROM 4 TO 5.
INCREASED PAT 1 MAX TEMPLATE FROM 5 TO 6.
UPDATED FIX USE.
UPDATED FACILITY L/L FROM433303.02N-0894549.03W TO 433303.00N-0894549.04W PER 3RD PARTY SURVEY.

DEVELOPED BY: **DATE:** 08/06/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (DUSTIN DAVIDSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER: VOK ATCT, CMY ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: IFZAP **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 433321.95N/0893636.36W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-A			KC47	PORTAGE	WI (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
FIX MOVED 1805 FT WEST.
UPDATED FIX TYPE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/14/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (DUSTIN DAVIDSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MACRY **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 433336.74N/0892909.58W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS)-A			KC47	PORTAGE	WI (US)

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 01/10/2013

REASON FOR REVISION:
FIX MOVED 357 FT SOUTHEAST.
UPDATED FIX TYPE.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 08/14/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (DUSTIN DAVIDSON)

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LONE ROCK VOR/DME **STATE:** WI **COUNTRY:** US

LATITUDE/LONGITUDE: 431739.85N/0900759.33W **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	LONE ROCK	LNR	VOR/DME	L							17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

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	LNR	VOR/DME	023.07	203.07	R	1		3000	6000	4	5
2	E	LNR	VOR/DME	084.06	264.06	R	1		3000	6000	4	5
3	N	LNR	VOR/DME	021.77	201.77	R	1	-	3000	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	432545.00N/0900818.00W	1444	4E
2	200	TOWER (55-001219)	431434.65N/0900351.56W	1451	5E
3	200	AAO	432545.00N/0900818.00W	1444	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

Info. Only

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V171					(US)
EN ROUTE	V2					(US)
EN ROUTE	V24					(US)
EN ROUTE	V398					(US)
EN ROUTE	V411					(US)
EN ROUTE	V97					(US)
IAP	ILS OR LOC RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	LOC RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 31			KDBQ	DUBUQUE	IA (US)
IAP	VOR RWY 36			KDBQ	DUBUQUE	IA (US)
IAP	LOC/DME RWY 1		3	KDLL	BARABOO	WI (US)
IAP	VOR-A			KDLL	BARABOO	WI (US)
IAP	RNAV (GPS) RWY 25			KOVS	BOSCOBEL	WI (US)
IAP	VOR/DME RWY 25			KOVS	BOSCOBEL	WI (US)
IAP	LOC RWY 27		3	KLNR	LONE ROCK	WI (US)
IAP	RNAV (GPS) RWY 27			KLNR	LONE ROCK	WI (US)
IAP	RNAV (GPS) RWY 9			KLNR	LONE ROCK	WI (US)
IAP	VOR-A		1	KLNR	LONE ROCK	WI (US)
IAP	VOR/DME OR TACAN RWY 14			KMSN	MADISON	WI (US)
IAP	RNAV (GPS) RWY 10			KC29	MIDDLETON	WI (US)
IAP	RNAV (GPS)-A			KC47	PORTAGE	WI (US)
IAP	RNAV (GPS) RWY 18			K91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 36			K91C	PRAIRIE DU SAC	WI (US)
IAP	RNAV (GPS) RWY 36			KC35	REEDSBURG	WI (US)
IAP	VOR-A			KC35	REEDSBURG	WI (US)
IAP	VOR OR GPS-A		2	K93C	RICHLAND CENTER	WI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
UPDATED HOLDING PAT 2 CONTROLLING OBSTRUCTION ID.
MOVED HOLDING LIMITED NOTE FROM REMARKS TO HOLDING RESTRICTIONS.
CONDUCTED/DOCUMENTED PRECIPITOUS TERRAIN EVALUATION.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 10/17/2011 **OFFICE:** AJV-353 **NAME:** SCOTT CORY

APPROVED BY: **DATE:** 12/23/2011 **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZAU
ATC FACILITY: MSN APP CON
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **PORTAGE** STATE: **WI**

AIRPORT NAME: **PORTAGE MUNI** ID: **KC47**

PROCEDURE: **RNAV (GPS)-A** AMDT: **ORIG**

DOCKET#:
(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 **ARP** to 1000' point **3.64**
   (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 **087.35**
4. High Terrain in **FINAL** segment containing 1000' point **869**
5. Distance from **ARP** to 1500' point **5.44**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.95**
7. True Course of **FINAL** segment containing 1500' point **087.35**
8. High Terrain in **FINAL** segment containing 1500' point **869**
9. Threshold Coordinates (if straight-in) ... _____ / _____
10. ARP Coordinates ..... **433337.10N** / **0892858.30W**
11. Runway Approach End and distance furthest from ARP ..... RWY **17**
    Distance **0.33** NM
12. FAF Coordinates ..... **433321.95N** / **0893636.36W**

REMARKS: Approach/Drawing attached.