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
LEPRE (IF/IAF)	KILTY (FB)	158.97 / 7.00	2700
KILTY (FAF)	JALET/2.60 NM TO RW16 (FB)	159.01 / 2.56	
JALET/2.60 NM TO RW16	RW16 (MAP) (FO)	159.02 / 2.60	
RW16 (MAP)	1340 MSL	159.02	
1340 MSL	OGPIE (FO)		3500

MISSED APPROACH

LP: RW16
LNAV: RW16

CLIMB TO 3500 DIRECT OGPIE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 339.06 INBOUND.
CHART FAS OBST: 1078 TREE 454704N/0963231W
CHART FAS OBST: 1099 TREE 454708N/0963219W
CHART VDP AT 0.94 MILES TO RW16
WAAS CHANNEL # 42530
REFERENCE PATH ID: W16A
KILTY TO RW16: 3.00/40.
LTP HAE: 283.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N LEPRE, RT, 158.97 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 159.01 FAF: KILTY DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: LEPRE 3500, KILTY 2700, JALET/2.60 NM TO RW16 1880
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: 5E EPOCH YEAR: 1995

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	1340	1	323	1340	1	323	1340	1	323		NA				
LNAV MDA	1360	1	343	1360	1	343	1360	1	343		NA				
CIRCLING	1480	1	457	1480	1	457	1480	1 1/2	457		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 1023 THRE: 1017 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WHEATON, MN	WHEATON MUNI	RNAV	RNAV (GPS) RWY 16, 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] **ZMP, CEN FPT, AMGR**

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: **JILL OLSON (BRIAN BERUBEE)**	FIFO **AJV-353**	DATE: **04/09/2012**
APPROVED BY		
NAME: **LARRY H STROUT** **MANAGER**	FIFO **AJV-353**	DATE:

CHANGES:

REASONS:

QUALITY CHECKED

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NOTES, (CONT.):
CHART NOTE: VDP NA WITH WAHPETON/HARRY STERN ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WAHPETON/HARRY STERN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE LP CAT C VISIBILTY TO 1 1/8 AND LNAV CAT C VISIBILITY TO 1 1/4 MILE.

TAA

	FROM	TO	ALT
1.	069/30 CW 249/30 (NOPT)	LEPRE (IF/IAF) (FB)	3500
2.	249/30 CW 069/30	LEPRE (IF/IAF) (FO)	3600

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 1023 THRE: 1017	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEATON, MN	AIRPORT NAME: WHEATON MUNI	RNAV	RNAV (GPS) RWY 16, 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:

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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KETH
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	454703.6235N
LTP/FTP LONGITUDE	0963240.3515W
LTP/FTP ELLIPSOIDAL HEIGHT	+02837
FPAP LATITUDE	454537.9800N
FPAP LONGITUDE	0963205.3400W
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	1744
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	BAA7392B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03100
FPAP ORTHOMETRIC HEIGHT	+03100

CITY AND STATE	ELEVATION: 1023 THRE: 1017	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEATON, MN	AIRPORT NAME: WHEATON MUNI	RNAV	RNAV (GPS) RWY 16, 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
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JALET K30    W     N45493356W096334173                        E0032     NAR           JALET
        SUSAEAENRT   KILTY K30    W     N45520110W096344222                        E0033     NAR           KILTY
        SUSAEAENRT   LEPRE K30    W     N45584478W096372820                        E0033     NAR           LEPRE
        SUSAEAENRT   OGPIE K30    W     N45345784W096274429                        E0032     NAR           OGPIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETHK3AETH     0     032YHN45464982W096323767E005001023         1800018000C    MNAR    WHEATON MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETHK3FR16   ALEPRE 010LEPREK3EA0EE AR   HF                    15900040    + 03500     18000                A JS
        SUSAP KETHK3FR16   R      010LEPREK3EA0E  I    IF                                + 03500     18000                A JS
        SUSAP KETHK3FR16   R      020KILTYK3EA1E  F 051TF                    15900070    + 02700                          A JS
        SUSAP KETHK3FR16   R      020KILTYK3EA2WALP        N          ALNAV                                                 JS
        SUSAP KETHK3FR16   R      021JALETK3EA0E S  031TF                    15900026    V 0188001885        -300         A JS
        SUSAP KETHK3FR16   R      030RW16 K3PG0GY M 031TF                    15900026      01057             -300         A JS
        SUSAP KETHK3FR16   R      040         0  M     CA                    1590        + 01340                          A JS
        SUSAP KETHK3FR16   R      050OGPIEK3EA0EY      DF                                + 03500                          A JS
        SUSAP KETHK3FR16   R      060OGPIEK3EA0EE  R   HM                    33910040    + 03500                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETHK3GRW16    0032981590 N45470362W096324035+0200    +0283701017000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KETHK3PR16   RW16 001 0000W16A0N4547036235W09632403515+028370300N4545379800W096320534001067517440004 00F400000BAA7392B
        SUSAP KETHK3PR16   RW16 002E      +03100+03100LP        42530
```

CITY AND STATE	ELEVATION: **1023** THRE: **1017**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEATON, MN	AIRPORT NAME: **WHEATON MUNI**	**RNAV**	**RNAV (GPS) RWY 16, 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
	LEPRE	LEPRE	010	IAF	HF	R	FO		159.0(164.0T)	004.0	AA 03500	
		LEPRE	010	FACF	IF		FB				AA 03500	
		KILTY	020	FAF	TF		FB	0.5	159.0(164.0T)	007.0	AA 02700	
		JALET	021	SDF	TF		FB	0.3	159.0(164.0T)	002.6	AA 01880 GS 01885	
		RW16	030	MAP	TF		FO	0.3	159.0(164.0T)	002.6	AT 01057	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		159.0(164.0T)		AA 01340	
	OGPIE	050		DF		FO				AA 03500	
	OGPIE	060		HM	R	FO		339.1(344.1T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JALET	N454933.56	W0963341.73	N4549.559	W09633.696
	KILTY	N455201.10	W0963442.22	N4552.018	W09634.704
	LEPRE	N455844.78	W0963728.20	N4558.746	W09637.470
	OGPIE	N453457.84	W0962744.29	N4534.964	W09627.738
	RW16	N454703.62	W0963240.35	N4547.060	W09632.673

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	01017	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1023** THRE: **1017**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WHEATON, MN	AIRPORT NAME: **WHEATON MUNI**	**RNAV**	**RNAV (GPS) RWY 16, 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.
STRAIGHT-IN AREA	069/30 CW 249/30	LEPRE	1. AAO	454706.00N/0971748.00W	2149 (4E)	1000	AT351	3500
			2. TERRAIN	454706.00N/0971748.00W	1949 (1900)		AS1500	3400
STRAIGHT-IN AREA	249/30 CW 069/30	LEPRE	3. TOWER (46-000435)	453950.00N/0971009.00W	2482 (4D)	1000		3500
			4. TERRAIN	453948.00N/0971200.00W	2094 (2100)		AS1500	3600
INTERMEDIATE	LEPRE (IF/IAF)	KILTY	5. AAO	455433.00N/0963836.00W	1257 (4E)	500	AC98 AT845	2700
			6. TERRAIN	455439.00N/0963839.00W	1057 (1100)		AS1500	2600
FINAL: LP	KILTY	JALET/2.60 NM TO	7. AAO	455121.00N/0963339.00W	1224 (2C)	250	RA72 DG334	1880
		RW16						
FINAL: LP STEPDOWN	JALET/2.60 NM TO	RW16	8. TREE (KETHT0217)	454704.11N/0963231.48W	1078 (1A)	250		1340
	RW16							
FINAL: LNAV	KILTY	JALET/2.60 NM TO	9. AAO	455121.09N/0963330.00W	1227 (2C)	250	RA72 DG331	1880
		RW16						
FINAL: LNAV STEPDOWN	JALET/2.60 NM TO	RW16	10. TREE (KETHT0268)	454708.02N/0963219.18W	1099 (2C)	250		1360
	RW16							
2. HOLD-IN-LIEU-OF-PT	LEPRE	P-5	11. AAO	455521.00N/0964142.00W	1293 (4E)	1000	AT1207	3500
			12. TERRAIN	455521.00N/0964142.00W	1093 (1100)		AS1500	2600
3. MISSED APPROACH — MAP:	RW16 / RW16	OGPIE				ASC		3500
			13. AAO	453345.00N/0962915.00W	1365 (4E)	1000		2400
ELEV:	1240/1260		14. TERRAIN	453345.00N/0962915.00W	1165 (1200)		AS1500	2700

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	457	15. TREE	454608.00N/0963250.00W	1174 (2C)	300		1480
CATEGORY B	1.5 NM	450	457	15. TREE	454608.00N/0963250.00W	1174 (2C)	300		1480
CATEGORY C	1.7 NM	450	457	15. TREE	454608.00N/0963250.00W	1174 (2C)	300		1480
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

CITY AND STATE	ELEVATION: 1023 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
WHEATON, MN	WHEATON MUNI	RNAV	RNAV (GPS) RWY 16, ORIG	AGL

FAA Form 8260 - 9 / April 2006 (Computer Generated)

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZMP ARTCC PNM FSS		N W S	OTHER: AWOS-3	SOURCE: KETH / KBWP
		F A A		DISTANCE: 0 / 27.96
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KETH			ADJUSTMENT: 0 / 72

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 16 (PCL), 34 (PCL)
		REIL
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 16 (PCL), 34 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 16, 34	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 1017.2
	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: JILL OLSON (BRIAN BERUBEE)	DATE: 04/09/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

RASS PRESSURE PATTERNS SAME
KETH 1023, KBWP 969
RA = 71.94.
SEE ATTACHED AIRSPACE LETTER.

100' VEGATATION APPLIED PER FPT

KETH AWOS ON SVC A
KBWP AWOS ON SVC A

OBSTACLE #15 CARRIED OVER FROM KETH NDB OR GPS RWY 34, AMDT 1A

RASS ADJUSTMENT ROUNDED UP TO 80 FT AND PUBLISHED BY NOTE

TERPS VOL 1, VISUAL PORTION OF FINAL PENETRATION
34:1
1078 TREE (KETHT0255) 454724.55N/0963249.73W (1.38)

FPT NOTIFIED OF PENETRATION

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JALET **STATE:** MN **COUNTRY:** US

LATITUDE/LONGITUDE: 454933.56N/0963341.73W **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 16			KETH	WHEATON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (BRIAN BERUBEE)

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: KILTY **STATE:** SD **COUNTRY:** US

LATITUDE/LONGITUDE: 455201.10N/0963442.22W **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 16			KETH	WHEATON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (BRIAN BERUBEE)

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: LEPRE **STATE:** ND **COUNTRY:** US

LATITUDE/LONGITUDE: 455844.78N/0963728.20W **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	N		WP	338.97	158.97	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	455521.00N/0964142.00W	1293	4E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16		1	KETH	WHEATON	MN (US)
IAP	RNAV (GPS) RWY 34		1	KETH	WHEATON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (BRIAN BERUBEE)

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OGPIE **STATE:** MN **COUNTRY:** US

LATITUDE/LONGITUDE: 453457.84N/0962744.29W **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	S		WP	159.06	339.06	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001380)	453228.00N/0962329.00W	1555	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 16		1	KETH	WHEATON	MN (US)
IAP	RNAV (GPS) RWY 34		1	KETH	WHEATON	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **WHEATON** STATE: **MN**

AIRPORT NAME: **WHEATON MUNI** ID: **KETH**

PROCEDURE: **RNAV (GPS) RWY 16** 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 **THLD** to 1000' point **2.83**
   (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 **164.01**
4. High Terrain in **FINAL** segment containing 1000' point **1027**
5. Distance from **THLD** to 1500' point **4.76**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.47**
7. True Course of **FINAL** segment containing 1500' point **164.01**
8. High Terrain in **FINAL** segment containing 1500' point **1027**
9. Threshold Coordinates (if straight-in) ... **454703.62N** / **0963240.35W**
10. ARP Coordinates ..... **454649.82N** / **0963237.67W**
11. Runway Approach End and distance furthest from ARP.....RWY **34**
    Distance **.31** NM
12. FAF Coordinates ..... **455201.10N** / **0963442.22W**
    (Click to Select)

REMARKS: Approach/Drawing attached.
LEPRE: 455844.78N/0963728.20W
TAA UTILIZES 30 NM RADIUS. LEFT AND RIGHT BASE AREAS NOT USED