

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: DAYAR

STATE: WI

COUNTRY: US

ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 463314.77N/0921448.58W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

### FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DULUTH	DLH	VORTAC	H	181.97	186.97	15.00	15.00		3200	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V13-505					(US)
IAP	ILS OR LOC RWY 27	1		KDLH	DULUTH	MN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/03/2010

### REASON FOR REVISION:

ADDED DIST FROM FAC TO FAC 1.

UPDATED FIX USE.

UPDATED LAT/LONG TO PLACE ON AIRWAY CENTERLINE. FIX MOVED 44.91 FEET.

THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 09/05/2009.

CHANGED STATE FROM MN TO WI AND ADDED ENROUTE LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/08/2010

OFFICE: AVN-120

NAME: LISA GUIMOND

APPROVED BY:

DATE: 04/13/2010

OFFICE: AVN-120

NAME: SUE CRUMB

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: DLH APP CON

OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: FOSUP

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 470241.23N/0920655.97W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	DULUTH	DLH	VORTAC	H	008.82	013.82	15.00	15.00		3600	17500

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	N		WP	008.82	188.82	R	4	3600	6000	5	6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	470939.00N/0921036.00W	1946	4E

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V177	1				(US)
IAP	RNAV (GPS) RWY 17			KCOQ	CLOQUET	MN (US)
IAP	ILS OR LOC RWY 27	1		KDLH	DULUTH	MN (US)
IAP	RNAV (GPS) RWY 27			KEVM	EVELETH	MN (US)
IAP	RNAV (GPS) RWY 24		1	KTWM	TWO HARBORS	MN (US)
IAP	RNAV (GPS) RWY 6			KTWM	TWO HARBORS	MN (US)
IAP	RNAV (GPS) RWY 14			KSUW	SUPERIOR	WI (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 06/30/2011

**REASON FOR REVISION:**

ADDED WP TO TYPE.  
ADDED WP PATTERN 1 HOLDING.  
RAISED MRA TO 3600.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 01/06/2011

OFFICE: AVN-120

NAME: ROY BARNETT

APPROVED BY:

DATE: 04/12/2011

OFFICE: AVN-120

NAME: GREGORY YAMAMOTO

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: DLH APP CON  
OTHER: