

RADIO FIX AND HOLDING DATA RECORD

NAME: BEERI **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5

LATITUDE/LONGITUDE: 434609.00N/0892450.22W **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	FEET	MRA	MAA
1	BADGER	BAE	VOR/DME	H	306.79	308.79	63.00	63.00		18000	45000

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

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	BAE	VOR/DME	126.79	306.79	R	1 1/2		18000	45000	18	31
2	SE		WP	128.78	308.78	R		10	10000	45000	15	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	TOWER (55-001013)	440112.82N/0893331.28W	1620	5D
2	230	WINDMILL (55-020786)	433615.50N/0890730.70W	1435	5D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 2: MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEGS REQUESTED BY ATC.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	AGUDE	1	1	KCFE	BUFFALO	MN (US)
STAR	AGUDE	1	1	KFBL	FARIBAULT	MN (US)
STAR	AGUDE	1	1	KGYL	GLENCOE	MN (US)
STAR	AGUDE	1	1	KMGG	MAPLE LAKE	MN (US)
STAR	AGUDE	1	1	KANE	MINNEAPOLIS	MN (US)
STAR	AGUDE	1	1	KFCM	MINNEAPOLIS	MN (US)
STAR	AGUDE	1	1	KLVN	MINNEAPOLIS	MN (US)
STAR	AGUDE	1	1	KMIC	MINNEAPOLIS	MN (US)
STAR	KKILR (RNAV)		2	KMSP	MINNEAPOLIS	MN (US)
STAR	AGUDE	1	1	KSGS	SOUTH ST PAUL	MN (US)
STAR	AGUDE	1	1	21D	ST PAUL	MN (US)
STAR	AGUDE	1	1	KSTP	ST PAUL	MN (US)
STAR	AGUDE	1	1	KRNH	NEW RICHMOND	WI (US)
STAR	AGUDE	1	1	KOEO	OSCEOLA	WI (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 03/19/2026

REASON FOR REVISION:

1. REMOVED FIX USE: KMSP WILDD STAR AND EAU CLAIRE STAR.
2. UPDATED REQUIRED CHARTING: FROM CONTROLLER TO CONTROLLER HIGH.
3. ADDED HOLDING PATTERN 1 CONTROLLING OBSTRUCTION.
4. UPDATED HOLDING PATTERN 2 CONTROLLING OBSTRUCTION FROM 1475 WINDMILL (55-020959) TO 1435 WINDMILL (55-020786).

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** BARBARA GORMAN

APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A430 **NAME:** CASIMIR TABAKA

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: JULEY STATE: MN COUNTRY: US ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 444834.62N/0931723.08W TYPE: DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC FEET	MRA	MAA
1	FLYING CLOUD	FCM	VOR/DME	L	097.17	098.17	6.60	6.60		3000	17500

HOLDING: HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	WILDD	1		KMSP	MINNEAPOLIS	MN (US)

REQUIRED CHARTING: STAR, AREA, CONTROLLER

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 02/11/2010

REASON FOR REVISION:

FIX MOVED: 265.45 FT NORTH.
FAC 1: CHANGED MAG BRG/TRUE BRG/DME FROM 092.00/098.00/7.20 TO 097.17/098.17/6.60.
REQUIRED CHARTING: REMOVED EN ROUTE LOW; ADDED AREA.
FIX USE UPDATED.

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/27/2009.
CHANGED FAC 1 CLASS FROM H TO L.

INITIATED BY: DATE: ORGANIZATION: NAME:
DEVELOPED BY: DATE: OFFICE: NAME:
APPROVED BY: DATE: 02/12/2026 OFFICE: AJV-A430 NAME: CASIMIR TABAKA

SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: NICKL STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 444519.30N/0914930.23W 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 FAC NM	FAC FEET	MRA	MAA
1	GOPHER	GEP	VORTAC	VH	103.00	109.00	70.00	70.00		7000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GEP	VORTAC	R-103	70	7000	15400

HOLDING: HOLDING TYPE OF ACTION: CANCEL

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J68	1				(US)
EN ROUTE	J70	1				(US)

REQUIRED CHARTING: STAR, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FACILITY: GEP VORTAC CLASS FROM H TO VH.
2. REMOVED HOLDING PATTERN 1, ASSOCIATED CONTROLLING OBSTACLE AND HOLDING RESTRICTION.
3. REMOVED REASON FOR NONSTANDARD HOLDING: PAT 1 ATC REQUEST.
4. REMOVED REMARK: PRECIPITOUS TERRAIN EVALUATION COMPLETED.
5. FIX USE: REMOVED KMSP WILDD STAR; UPDATED ENROUTE TITLE FROM J68-70 TO J68 AND J70.
6. UPDATED REQUIRED CHARTING: FROM CONTROLLER TO CONTROLLER HIGH AND CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: BARBARA GORMAN

APPROVED BY: DATE: 02/12/2026 OFFICE: AJV-A430 NAME: CASIMIR TABAKA

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: WILDD STATE: WI COUNTRY: US ICAO REGION CODE: K5

LATITUDE/LONGITUDE: 442540.68N/0903604.25W 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 FAC NM	FAC FEET	MRA	MAA
1	BADGER	BAE	VOR/DME	H	306.79	308.79	127.79	127.79		18000	45000
2	GOPHER	GEP	VORTAC	VH	103.00	109.00	126.03	126.03		18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BAE	VOR/DME	R-307	128	18000	19100
GEP	VORTAC	R-103	127	18000	18900

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J70	1, 2				

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. UPDATED FIX MAKE-UP FACILITY: GEP VORTAC CLASS FROM H TO VH.
2. REMOVED FIX USE: KMSP WILDD STAR AND EAU CLAIRE STAR.
3. UPDATED REQUIRED CHARTING: FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY: DATE: ORGANIZATION: NAME:
OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: BARBARA GORMAN
APPROVED BY: DATE: 02/12/2026 OFFICE: AJV-A430 NAME: CASIMIR TABAKA
SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: ZMBNI **STATE:** WI **COUNTRY:** US **ICAO REGION CODE:** K5
LATITUDE/LONGITUDE: 445026.77N/0920918.13W **TYPE:** DME
AIRSPACE DOCKET: **FIX TYPE OF ACTION:** CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	GOPHER	GEP	VORTAC	H	103.00	109.00	55.00	55.00	10000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GEP	VORTAC	R-103	55	10000	15400

HOLDING: **HOLDING TYPE OF ACTION:**

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	WILDD	1		KMSP	MINNEAPOLIS	MN (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 02/11/2010

REASON FOR REVISION:

FAC 1: DIST FROM FAC ADDED.
ESV DATA UPDATED.
FIX USE UPDATED.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**
DEVELOPED BY: **DATE:** **OFFICE:** **NAME:**
APPROVED BY: **DATE:** 02/12/2026 **OFFICE:** AJV-A430 **NAME:** CASIMIR TABAKA

SIGNATURE:

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

