

RADIO FIX AND HOLDING DATA RECORD

NAME: JURNY

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 443631.14N/0932820.53W

TYPE: INT, 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	MINNEAPOLIS	MSP	VOR/DME	L	208.36	210.36	20.00	20.00		3000	17500
2	FARMINGTON	FGT	VORTAC	VH	257.97	263.97		12.51		3000	17500

HOLDING:

HOLDING TYPE OF ACTION:

REMARKS:

MINNEAPOLIS (FAC 1) AND FARMINGTON (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ORSKY	1, 2		ANE	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		FCM	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		MSP	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		STP	ST PAUL	MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

FIX MAKE-UP: UPDATED FAC 2 MAG/TRUE FROM 257.96/263.96 TO 257.97/263.97.

REMARKS: ADDED "MINNEAPOLIS (FAC 1) AND FARMINGTON (FAC 2) USED TO ESTABLISH FIX COORDINATES."

FIX USE: DELETED "DEPARTURE" FROM ALL INSTANCES OF ORSKY DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

Digitally signed by

ALLAN WILL

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: MSP APP CON

OTHER:

Aug 26, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MASON CITY VOR/DME

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 430541.13N/0931947.54W

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	FEET	MRA	MAA
1	MASON CITY	MCW	VOR/DME	VH							45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG TIME	LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W	MCW	VOR/DME	278.00	098.00	L	1		3000	45000	4	29
2	S	MCW	VOR/DME	176.00	356.00	R	1		3000	6000	4	5
3	W		WP	278.00	098.00	L		10	15000	45000	16	30

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	WINDMILL (19-060134)	430321.68N/0932630.32W	1766	4D
2	200	TOWER (19-001289)	430528.00N/0932359.00W	1665	2C
3	265	TOWER (19-001056)	431005.60N/0930603.90W	1978	5D

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

HOLDING PAT 3 FOR ATC USE (NOT CHARTED).
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR: 6E (1965).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J148					(US)
EN ROUTE	J16		1			(US)
EN ROUTE	J25					(US)
EN ROUTE	J90					(US)
EN ROUTE	V120		1			(US)
EN ROUTE	V13					(US)
EN ROUTE	V158					(US)
EN ROUTE	V161					(US)
EN ROUTE	V505					(US)
IAP	RNAV (GPS) RWY 33			FXV	FOREST CITY	IA (US)
IAP	VOR-A			FXV	FOREST CITY	IA (US)
IAP	ILS OR LOC RWY 6			FOD	FORT DODGE	IA (US)
IAP	VOR RWY 35			HPT	HAMPTON	IA (US)
IAP	ILS OR LOC RWY 36			MCW	MASON CITY	IA (US)
IAP	VOR RWY 36		2	MCW	MASON CITY	IA (US)
IAP	ILS OR LOC RWY 12			ALO	WATERLOO	IA (US)
IAP	RNAV (GPS) RWY 35			AEL	ALBERT LEA	MN (US)
IAP	ILS OR LOC RWY 35			AUM	AUSTIN	MN (US)
IAP	RNAV (GPS) RWY 17			AUM	AUSTIN	MN (US)
IAP	RNAV (GPS) RWY 35			AUM	AUSTIN	MN (US)
STAR	JANESVILLE		1	ORD	CHICAGO	IL (US)
STAR	KASPR			MSP	MINNEAPOLIS	MN (US)
STAR	TWOLF			STP	ST PAUL	MN (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 30

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

FIX USE: REMOVED DP ORSKY FROM KANE, KFCM, KMSP AND KSTP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

QUALITY
20
CHECKED

SIGNATURE: *Digitally signed by*
ALLAN WILL
Aug 26, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ONTIJ

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 431751.48N/0943046.46W

TYPE: INT, 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	FEET	MRA	MAA
1	MASON CITY	MCW	VOR/DME	VH	277.60	283.60	53.33	53.33		12000	45000
2	GOPHER	GEP	VORTAC	VH	198.32	204.32		121.29		12000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MCW	VOR/DME	R-278	54	12000	15800
GEP	VORTAC	R-198	122	12000	18900

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

MASON CITY (FAC 1) AND GOPHER (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FOR USE WITH THE SEVERE WEATHER AVOIDANCE PLAN (SWAP) WITHIN MINNEAPOLIS ARTCC AIRSPACE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J16	1, 2				(US)
EN ROUTE	J21	1, 2				(US)
EN ROUTE	V120	1, 2				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: REMOVED MINNEAPOLIS VOR/DME AND OMAHA VORTAC; CHANGED MASON CITY VOR/DME AND GOPHER VORTAC CLASS FROM H TO VH.
EXPANDED SERVICE VOLUME (ESV): REMOVED MSP VOR/DME R-208 AND OVR VORTAC R-015.
REMARKS: CHANGED NOTE FROM "MINNEAPOLIS (FAC 1) AND MASON CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES" TO "MASON CITY (FAC 1) AND GOPHER (FAC 2) USED TO ESTABLISH FIX COORDINATES".
FIX USE: REMOVED DP ORSKY FROM KANE, KFCM, KMSP AND KSTP; REMOVED FAC 3 FROM V120.
REQUIRED CHARTING: REMOVED DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE: Digitally signed by

ALLAN WILL

Aug 26, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 434011.13N/0941322.92W TYPE: INT, 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	MRA	MAA
1	MINNEAPOLIS	MSP	VOR/DME	DH	208.36	210.36	85.00	85.00	9000	33000
2	MASON CITY	MCW	VOR/DME	VH	305.74	311.74		52.12	9000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MSP	VOR/DME	R-208	85	9000	33000
MCW	VOR/DME	R-306	53	9000	15800

HOLDING: HOLDING TYPE OF ACTION:

REMARKS:

MINNEAPOLIS (FAC 1) AND MASON CITY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ORSKY	1, 2		ANE	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		FCM	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		MSP	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		STP	ST PAUL	MN (US)

REQUIRED CHARTING: DP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 09/08/2022

REASON FOR REVISION:

- 1: ADDED CONTROLLER LOW AND ENROUTE LOW TO CHARTING.
- 2: REMOVED FORT DODGE VORTAC FROM FIX MAKE-UP FACILITIES, ESV, AND FIX USE ASSOCIATED PROCEDURES.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: MICAH HILLEY

APPROVED BY: DATE: 09/24/2026 OFFICE: AJV-A422 NAME: RAKE MCGRAW

SIGNATURE: *Digitally signed by*
ALLAN WILL
Aug 26, 2026

QUALITY
20
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 442516.61N/0933727.90W TYPE: INT, 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	MINNEAPOLIS	MSP	VOR/DME	DH	208.36	210.36	33.00	33.00		3000	33000
2	HALFWAY	FOW	VOR/DME	T	318.03	320.03		17.00		3000	33000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MSP	VOR/DME	R-208	33	18000	33000
FOW	VOR/DME	R-318	17	12000	33000

HOLDING: HOLDING TYPE OF ACTION:

REMARKS:

MINNEAPOLIS (FAC 1) AND HALFWAY (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ORSKY	1, 2		ANE	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		FCM	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		MSP	MINNEAPOLIS	MN (US)
DP	ORSKY	1, 2		STP	ST PAUL	MN (US)

REQUIRED CHARTING: DP, AREA

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

REMARKS: ADDED "MINNEAPOLIS (FAC 1) AND HALFWAY (FAC 2) USED TO ESTABLISH FIX COORDINATES."
FIX USE: DELETED "DEPARTURE" FROM ALL INSTANCES OF ORSKY.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-5431	NAME: JACOB MAXFIELD
APPROVED BY:	DATE: 09/24/2026	OFFICE: AJV-A422	NAME: RAKE MCGRAW
	SIGNATURE:	<i>Digitally signed by</i> ALLAN WILL	
DISTRIBUTION:	NFDC	Aug 26, 2026	
	FPO: CEN		
	ARTCC: ZMP		
	ATC FACILITY: MSP APP CON		
	OTHER:		

QUALITY
20
CHECKED