

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** AANAH **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 442340.50N/0932044.96W **TYPE:** WP

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

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b> STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

1. FIX MOVED 2.26 NM SOUTHWEST AND UPDATED COORDINATES FROM 442541.36N/0931919.23W TO 442340.50N/0932044.96W. ATC RETAINED FIX NAME FOR OPERTATIONAL ADVANTAGE.

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



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** DEMLL **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 435755.00N/0932929.00W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** NO CHANGE

**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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S		WP	183.65	003.65	R	10	8000	41000	15	29

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TOWER (27-001422)	440243.98N/0932302.78W	1830	5D

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**REMARKS:**

CHART ON SECTIONAL PER ATC REQUEST.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PAT 1: MIN TEMPLATE 15 USED TO ACCOMMODATE 10NM LEGS.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	T465					
STAR	NITZR (RNAV)		1	KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** SECTIONAL, STAR, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 3 **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

1. UPDATED HOLDING PATTERN CONTROLLING OBSTRUCTION ELEVATION FROM 1827 TO 1830 MSL.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
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<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A430	<b>NAME:</b> CASIMIR TABAKA
	<b>SIGNATURE:</b>		



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GDNEE **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 443041.05N/0931558.59W **TYPE:** WP

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

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b> STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4 **DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**  
1. REMOVED FIX TYPE: DME.  
2. REMOVED FIX MAKE-UP FACILITY: FARMINGTON (FGT) VORTAC.

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<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A430	<b>NAME:</b> CASIMIR TABAKA
	<b>SIGNATURE:</b>		



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** WRSAW **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 441659.22N/0932445.16W **TYPE:** WP

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

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

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
<b>USE TYPE</b> STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

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

**REASON FOR REVISION:**

1. FIX MOVED 2.25 NM NORTHEAST AND UPDATED COORDINATES FROM 441453.82N/0932555.06W TO 441659.22N/0932445.16W. ATC RETAINED FIX NAME FOR OPERATIONAL ADVANTAGE.
2. REMOVED REMARK: FIX NAME RETAINED, PER JO 7400.2K.

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<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A430	<b>NAME:</b> CASIMIR TABAKA
	<b>SIGNATURE:</b>		

