



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 444831.68N/0931518.72W **TYPE:** WP

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

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

<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>						
DP	HESTIN (RNAV)			KMSP	MINNEAPOLIS	MN (US)
DP	SLAYER (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 07/26/2012

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 01/24/2012	<b>OFFICE:</b> AJV-353	<b>NAME:</b> DONALD LANIER
<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A422	<b>NAME:</b> RAKE MCGRAW

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:

QUALITY  
8  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 443456.19N/0932748.29W **TYPE:** WP

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

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

<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> DP	HESTIN (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 07/26/2012

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

**DEVELOPED BY:** **DATE:** 01/24/2012 **OFFICE:** **NAME:** DONALD LANIER

**APPROVED BY:** **DATE:** 02/12/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** HSTIN **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3  
**LATITUDE/LONGITUDE:** 440008.00N/0935740.00W **TYPE:** WP

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

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

PATTERNS:		IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES		TEMPLATES	
PAT	DIR								MIN	MAX	MIN	MAX
1	W		WP	288.63	108.63	L		10	18000	45000	17	30

**REASON FOR NONSTANDARD HOLDING:**  
PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**  
HOLDING LIMITED TO ESTABLISHED PATTERN.

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SNOWZ			KMSP	MINNEAPOLIS	MN (US)
EN ROUTE	Q156		1			(US)

**REQUIRED CHARTING:** DP, EN ROUTE HIGH, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

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

**REASON FOR REVISION:**  
1. REMOVED DP HESTIN (RNAV) AT KMSP FROM FIX USE.  
2. ADDED DP SNOWZ (RNAV) AT KMSP TO FIX USE.  
3. REMOVED "CONTROLLER" AND ADDED "CONTROLLER HIGH" TO REQUIRED CHARTING.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
		AJV-A431	ZACHARY KRUEGER
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>			
		AJV-A422	RAKE MCGRAW
<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026		
	<b>SIGNATURE:</b>		



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 444414.85N/0931924.52W **TYPE:** WP

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

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

<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> DP	HESTIN (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 07/26/2012

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

**DEVELOPED BY:** **DATE:** 01/24/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

**APPROVED BY:** **DATE:** 02/12/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 442452.14N/0933627.99W **TYPE:** WP

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

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

<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> DP	HESTIN (RNAV)			KMSP	MINNEAPOLIS	MN (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 11/10/2016

**REASON FOR REVISION:**

1. ADDED CONTROLLER, EN ROUTE LOW AND EN ROUTE HIGH TO REQUIRED CHARTING FOR NAVIGATIONAL PURPOSES.
2. CHANGED FPO FROM CHICAGO TO CENTRAL.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 07/08/2016	<b>OFFICE:</b> AJV-5421	<b>NAME:</b> DANIEL OLSON
<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A422	<b>NAME:</b> RAKE MCGRAW

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 444003.22N/0932323.11W **TYPE:** WP

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

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

<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> DP	HESTIN (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 07/26/2012

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

**DEVELOPED BY:** **DATE:** 01/24/2012 **OFFICE:** AJV-353 **NAME:** DONALD LANIER

**APPROVED BY:** **DATE:** 02/12/2026 **OFFICE:** AJV-A422 **NAME:** RAKE MCGRAW

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** YUPER **STATE:** IA **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 431132.00N/0940825.00W **TYPE:** WP

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

**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> DP	SNOWZ (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** DP, EN ROUTE HIGH, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

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

**REASON FOR REVISION:**

1. REMOVED DP HESTIN (RNAV) AT KMSP FROM FIX USE.
2. ADDED DP SNOWZ (RNAV) AT KMSP TO FIX USE.
3. CHANGED "CONTROLLER" TO "CONTROLLER HIGH" IN REQUIRED CHARTING.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A431	<b>NAME:</b> ZACHARY KRUEGER
<b>APPROVED BY:</b>	<b>DATE:</b> 02/12/2026	<b>OFFICE:</b> AJV-A422	<b>NAME:</b> RAKE MCGRAW

**SIGNATURE:**



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ZZEEE

**STATE:** IA

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 420621.00N/0952414.00W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** NO CHANGE

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
DP

**USE TITLE**  
SNOWZ (RNAV)

**FAC PAT**

**AIRPORT IDENT**  
KMSP

**CITY**  
MINNEAPOLIS

**STATE**  
MN (US)

**REQUIRED CHARTING:** DP, EN ROUTE HIGH, CONTROLLER HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 03/19/2026

**REASON FOR REVISION:**

1. REMOVED DP HESTIN (RNAV) AT KMSP FROM FIX USE.
2. ADDED DP SNOWZ (RNAV) AT KMSP TO FIX USE.
3. CHANGED "CONTROLLER" TO "CONTROLLER HIGH" IN REQUIRED CHARTING.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** ZACHARY KRUEGER

**APPROVED BY:**

**DATE:** 02/12/2026

**OFFICE:** AJV-A422

**NAME:** RAKE MCGRAW

**SIGNATURE:**

