

**RADIO FIX AND HOLDING DATA RECORD****NAME:** CANDD **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 443622.81N/0930050.94W **TYPE:** WP**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH**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>						
STAR	BLUEM (RNAV)			KMSP	MINNEAPOLIS	MN (US)
STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/05/2017**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:****DEVELOPED BY:** **DATE:** 08/24/2016 **OFFICE:** AJV-5431 **NAME:** DAVID DOWLING**APPROVED BY:** **DATE:** 11/08/2016 **OFFICE:** AJV-5420 **NAME:** TONY LAWSON**SIGNATURE:****DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON  
OTHER:



**RADIO FIX AND HOLDING DATA RECORD****NAME:** COZZZ**STATE:** MN**COUNTRY:** US**ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 450315.64N/0931910.42W**TYPE:** WP**AIRSPACE DOCKET:****FIX TYPE OF ACTION:** CANCEL**HOLDING:****HOLDING TYPE OF ACTION:****FIX USE:****USE TYPE****USE TITLE****FAC****PAT****AIRPORT IDENT****CITY****STATE**

STAR	BLUEM (RNAV)			KMSP	MINNEAPOLIS	MN (US)
STAR	KKILR (RNAV)			KMSP	MINNEAPOLIS	MN (US)
STAR	MUSCL (RNAV)			KMSP	MINNEAPOLIS	MN (US)
STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** ORIG**DATE OF REVISION:** 03/05/2015**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****DEVELOPED BY:****DATE:** 08/18/2014**OFFICE:** AJV-353**NAME:** THOMAS KIRKPATRICK**APPROVED BY:****DATE:** 07/03/2025**OFFICE:** AJV-A430**NAME:** CASIMIR TABAKA**SIGNATURE:****DISTRIBUTION:**

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









**RADIO FIX AND HOLDING DATA RECORD****NAME:** FUZEE**STATE:** IA**COUNTRY:** US**ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 425110.00N/0935304.00W**TYPE:** WP**AIRSPACE DOCKET:****FIX TYPE OF ACTION:** ESTABLISH**HOLDING:****HOLDING TYPE OF ACTION:****FIX USE:****USE TYPE**  
STAR**USE TITLE**  
NITZR (RNAV)**FAC****PAT****AIRPORT IDENT**  
KMSP**CITY**  
MINNEAPOLIS**STATE**  
MN (US)**REQUIRED CHARTING:** STAR**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** ORIG**DATE OF REVISION:** 03/05/2015**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****DEVELOPED BY:****DATE:** 08/20/2014**OFFICE:** AJV-353**NAME:** THOMAS KIRKPATRICK**APPROVED BY:****DATE:** 02/27/2015**OFFICE:** AJV-353**NAME:** GEORGE GONZALEZ**SIGNATURE:****DISTRIBUTION:****NFDC****FPO:** CEN**ARTCC:** ZMP**ATC FACILITY:** MSP APP CON, MSP TOWER**OTHER:**



## RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 443742.13N/0925930.61W **TYPE:** WP

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

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

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	ILS OR LOC RWY 30L			KMSP	MINNEAPOLIS	MN (US)
IAP	ILS RWY 30L (CAT II)			KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (GPS) Z RWY 30L			KMSP	MINNEAPOLIS	MN (US)
IAP	RNAV (RNP) Y RWY 30L			KMSP	MINNEAPOLIS	MN (US)
STAR	BLUEM (RNAV)			KMSP	MINNEAPOLIS	MN (US)
STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR, IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 01/05/2017

**REASON FOR REVISION:**  
UPDATED FIX USE.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	DATE: 09/08/2016	OFFICE: AJV-5421	NAME: DEANNA FIELDS
<b>APPROVED BY:</b>	DATE: 11/22/2016	OFFICE: AJV-5420	NAME: TONY LAWSON

**SIGNATURE:**

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

**RADIO FIX AND HOLDING DATA RECORD****NAME:** KBEEE**STATE:** IA**COUNTRY:** US**ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 432949.83N/0933157.68W**TYPE:** WP**AIRSPACE DOCKET:** 22-ACE-9**FIX TYPE OF ACTION:** NO CHANGE**HOLDING:****HOLDING TYPE OF ACTION:** NO CHANGE**REMARKS:**

CHART ON SECTIONAL PER ATC REQUEST.

**FIX USE:**

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

**REQUIRED CHARTING:** SECTIONAL, STAR, EN ROUTE LOW, CONTROLLER LOW**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** 1**DATE OF REVISION:** 04/20/2023**REASON FOR REVISION:**

1. AIRSPACE DOCKET: ADDED 22-ACE-9.
2. REMARKS: ADDED CHART ON SECTIONAL PER ATC REQUEST.
3. FIX USE: ADDED EN ROUTE T465.
4. REQUIRED CHARTING: ADDED SECTIONAL, EN ROUTE LOW, AND CONTROLLER LOW.

**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** DEAN GRACEY**APPROVED BY:****DATE:** 04/20/2023**OFFICE:** AJV-A420**NAME:** MARLON ROBINSON**SIGNATURE:**

## RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 441110.48N/0932757.86W **TYPE:** WP

**AIRSPACE DOCKET:** 22-ACE-9 **FIX TYPE OF ACTION:** NO CHANGE

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

**REMARKS:**  
CHART ON SECTIONAL PER ATC REQUEST.

<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
EN ROUTE	T465			KMSP	MINNEAPOLIS	(US)
STAR	NITZR (RNAV)					MN (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 04/20/2023

- REASON FOR REVISION:**
1. AIRSPACE DOCKET: ADDED 22-ACE-9.
  2. REMARKS: ADDED CHART ON SECTIONAL PER ATC REQUEST.
  3. FIX USE: ADDED EN ROUTE T465.
  4. REQUIRED CHARTING: ADDED SECTIONAL, EN ROUTE LOW AND CONTROLLER LOW.

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

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A423 **NAME:** DEAN GRACEY

**APPROVED BY:** **DATE:** 04/20/2023 **OFFICE:** AJV-A420 **NAME:** MARLON ROBINSON

**SIGNATURE:**





## RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 431700.00N/0933305.00W **TYPE:** WP

**AIRSPACE DOCKET:** 22-ACE-9 **FIX TYPE OF ACTION:** NO CHANGE

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

**REMARKS:**  
CHART ON SECTIONAL PER ATC REQUEST.

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

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 04/20/2023

- REASON FOR REVISION:**
1. AIRSPACE DOCKET: ADDED 22-ACE-9.
  2. REMARKS: ADDED CHART ON SECTIONAL PER ATC REQUEST.
  3. FIX USE: ADDED EN ROUTE T465.
  4. REQUIRED CHARTING: ADDED SECTIONAL, EN ROUTE LOW, CONTROLLER HIGH AND CONTROLLER LOW.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A423	<b>NAME:</b> DEAN GRACEY
<b>APPROVED BY:</b>	<b>DATE:</b> 04/20/2023	<b>OFFICE:</b> AJV-A420	<b>NAME:</b> MARLON ROBINSON

**SIGNATURE:**

**RADIO FIX AND HOLDING DATA RECORD****NAME:** SAVVG**STATE:** MN**COUNTRY:** US**ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 444130.09N/0931309.85W**TYPE:** WP**AIRSPACE DOCKET:****FIX TYPE OF ACTION:** ESTABLISH**HOLDING:****HOLDING TYPE OF ACTION:****FIX USE:**

<b>USE TYPE</b>
STAR
STAR

<b>USE TITLE</b>
BLUEM (RNAV)
NITZR (RNAV)

**FAC****PAT****AIRPORT IDENT****CITY****STATE**

KMSP
KMSP

MINNEAPOLIS
MINNEAPOLIS

MN (US)
MN (US)

**REQUIRED CHARTING:** STAR**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** ORIG**DATE OF REVISION:** 03/05/2015**INITIATED BY:****DATE:****ORGANIZATION:****NAME:****DEVELOPED BY:****DATE:** 08/18/2014**OFFICE:** AJV-353**NAME:** THOMAS KIRKPATRICK**APPROVED BY:****DATE:** 02/27/2015**OFFICE:** AJV-353**NAME:** GEORGE GONZALEZ**SIGNATURE:****DISTRIBUTION:**

NFDC  
 FPO: CEN  
 ARTCC: ZMP  
 ATC FACILITY: MSP APP CON, MSP TOWER  
 OTHER:

**RADIO FIX AND HOLDING DATA RECORD****NAME:** SHILD **STATE:** MN **COUNTRY:** US **ICAO REGION CODE:** K3**LATITUDE/LONGITUDE:** 442341.72N/0932048.89W **TYPE:** WP**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH**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> STAR	NITZR (RNAV)			KMSP	MINNEAPOLIS	MN (US)

**REQUIRED CHARTING:** STAR**COMPULSORY REPORTING POINT:** NO**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 03/05/2015**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:****DEVELOPED BY:** **DATE:** 08/20/2014 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK**APPROVED BY:** **DATE:** 02/27/2015 **OFFICE:** AJV-353 **NAME:** GEORGE GONZALEZ**SIGNATURE:****DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: MSP APP CON, MSP TOWER  
OTHER:



