

# RADIO FIX AND HOLDING DATA RECORD

NAME: BITEZ

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 445855.24N/0934534.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: DKOTA

STATE: SD

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 452217.00N/0973727.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP  
EN ROUTE  
EN ROUTE

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
Q138  
Q88

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)  
(US)  
(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:

AIRSPACE DOCKET: REMOVED 17-ANM-33.

FIX USE: ADDED DP BITEZ (RNAV) TO KANE, KFCM, KMSP AND KSTP.

REQUIRED CHARTING: ADDED DP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: HHCEE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450135.16N/0942659.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: HHOBA

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 445627.02N/0933155.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

**FIX USE:**

**USE TYPE**

DP  
DP  
DP  
DP

**USE TITLE**

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KANE  
KFCM  
KMSP  
KSTP

**CITY**

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

**STATE**

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ITCHZ

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 445725.88N/0932236.37W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
DP

USE TITLE  
BITEZ (RNAV)

FAC

PAT

AIRPORT IDENT  
KMSP

CITY  
MINNEAPOLIS

STATE  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LEINY

STATE: SD

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450216.00N/0973640.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/19/2026

## REASON FOR REVISION:

FIX USE: REMOVED DP LEINY (RNAV) AND DP LOCKR (RNAV) FROM KMSP; ADDED DP BITEZ (RNAV) TO KANE, KFCM, KMSP AND KSTP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: PAGOZ

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450913.88N/0940844.68W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/19/2026

## REASON FOR REVISION:

LATITUDE/LONGITUDE: MOVE 6.37 NM SE TO 450913.88N 0940844.68W - FIX NAME RETAINED FOR OPERATIONAL REQUIREMENT.  
FIX USE: REMOVED DP SMERF (RNAV); ADDED DP BITEZ (RNAV) AT KANE, KFCM, KMSP AND KSTP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SKITO

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 445953.49N/0940012.46W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

**FIX USE:**

USE TYPE

USE TITLE

FAC

PAT

AIRPORT IDENT

CITY

STATE

DP

BITEZ (RNAV)

KANE

MINNEAPOLIS

MN (US)

DP

BITEZ (RNAV)

KFCM

MINNEAPOLIS

MN (US)

DP

BITEZ (RNAV)

KMSP

MINNEAPOLIS

MN (US)

DP

BITEZ (RNAV)

KSTP

ST PAUL

MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:





# RADIO FIX AND HOLDING DATA RECORD

NAME: SMERF

STATE: SD

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 455515.82N/0973408.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
DP  
DP  
DP  
DP  
EN ROUTE

USE TITLE  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
Q146

FAC

PAT

AIRPORT IDENT  
KANE  
KFCM  
KMSP  
KSTP

CITY  
MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

STATE  
MN (US)  
MN (US)  
MN (US)  
MN (US)  
(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:**

FIX USE: REMOVED DP SMERF (RNAV) FROM KMSP; ADDED DP BITEZ (RNAV) TO KANE, KFCM, KMSP AND KSTP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: TICKK

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450026.15N/0940837.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

**FIX USE:**

**USE TYPE**

DP  
DP  
DP  
DP

**USE TITLE**

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KANE  
KFCM  
KMSP  
KSTP

**CITY**

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

**STATE**

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/19/2026

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

QUALITY  
8  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ZOGAP

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 450641.59N/0935819.67W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

### USE TYPE

DP  
DP  
DP  
DP

### USE TITLE

BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)  
BITEZ (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KANE  
KFCM  
KMSP  
KSTP

### CITY

MINNEAPOLIS  
MINNEAPOLIS  
MINNEAPOLIS  
ST PAUL

### STATE

MN (US)  
MN (US)  
MN (US)  
MN (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/19/2026

## REASON FOR REVISION:

LATITUDE/LONGITUDE: MOVE 4.33 NM NW TO 450641.59N 0935819.67W - FIX NAME RETAINED FOR OPERATIONAL REQUIREMENT.  
FIX USE: REMOVED DP SMERF (RNAV) AT KMSP; ADDED DP BITEZ (RNAV) AT KANE, KFCM, KMSP AND KSTP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: DEXTER SWEETING

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

QUALITY  
8  
CHECKED