

# RADIO FIX AND HOLDING DATA RECORD

NAME: BRUKS

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 460730.98N/0961717.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 33

FAC

PAT

AIRPORT IDENT  
KBWP

CITY  
WAHPETON

STATE  
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

FIX MOVED 26005.26 FT. (4.28 NM)

DELETED FAC 1.

UPDATED FIX USE.

CHANGED CHICAGO FPO TO CENTRAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/18/2012

OFFICE: AJV-353

NAME: CHRIS O'BRIEN

APPROVED BY:

DATE: 10/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: COINS

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 455959.28N/0964133.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 33

FAC

PAT

AIRPORT IDENT  
KBWP

CITY  
WAHPETON

STATE  
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

FIX MOVED 26007.12 FT. (4.28 NM)

DELETED FAC 1.

UPDATED FIX USE.

CHANGED CHICAGO FPO TO CENTRAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/17/2012

OFFICE: AJV-353

NAME: CHRIS O'BRIEN

APPROVED BY:

DATE: 10/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: FAMMS

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 462450.69N/0964300.47W

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	NW		WP	330.84	150.84	R	4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-000299)	462818.80N/0965147.20W	1330	3C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15		1	KBWP	WAHPETON	ND (US)
IAP	RNAV (GPS) RWY 33		1	KBWP	WAHPETON	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. HOLDING PATTERN 1: RAD/CRS/BRG CHANGED FROM 330.85 TO 330.84 AND CRS INBOUND CHANGED FROM 150.85 TO 150.84.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 11/21/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** GUYEY

**STATE:** SD

**COUNTRY:** US

**ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 455455.59N/0965927.29W

**TYPE:** WP

**AIRSPACE DOCKET:** 22-AGL-4

**FIX TYPE OF ACTION:** MODIFY

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

**USE TYPE**  
EN ROUTE  
IAP

**USE TITLE**  
T407  
RNAV (GPS) RWY 33

**FAC**

**PAT**

**AIRPORT IDENT**

**CITY**

**STATE**  
(US)  
ND (US)

KBWP

WAHPETON

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 4

**DATE OF REVISION:** 12/29/2022

**REASON FOR REVISION:**

TYPE REMOVED DME  
AIRSPACE DOCKET CHANGED FROM 21-AGL-2 TO 22-AGL-4  
FIX MAKE-UP FACILITIES REMOVED FAC 1  
EXPANDED SERVICE VOLUME (ESV) REMOVED FAR  
FIX USE REMOVED V181

11/03/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/17/22.  
1. STATE UPDATED FROM ND TO SD

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

**NAME:** JOSHUA DUGAN

**APPROVED BY:**

**DATE:** 12/29/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 460346.13N/0962926.68W 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	SE		WP	151.02	331.02	R	4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001395)	460046.17N/0961920.48W	1275	4D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 15		1	KBWP	WAHPETON	ND (US)
IAP	RNAV (GPS) RWY 33		1	KBWP	WAHPETON	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. CONTROLLING OBSTRUCTIONS: CHANGED PAT 1 OBSTRUCTION ACCURACY CODE FROM 5D TO 4D AND HOLDING PATTERN OBSTACLE COORDINATES - FROM 460045.00N/0961918.00W TO 460046.17N/0961920.48W.  
2. FIX USE: ADDED RNAV (GPS) RWY 15 AT KBWP.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A423 NAME: RAYMOND JOHNSON

APPROVED BY: DATE: 12/26/2024 OFFICE: AJV-A423 NAME: ALLAN WILL

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: LOCKR

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 461421.15N/0965614.90W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**REMARKS:**

NAME CHANGED FROM BANEY TO LOCKR

**FIX USE:**

USE TYPE  
EN ROUTE

USE TITLE

T407

FAC

PAT

AIRPORT IDENT

CITY

STATE

(US)

IAP

RNAV (GPS) RWY 15

KBWP

WAHPETON

ND (US)

IAP

RNAV (GPS) RWY 33

KBWP

WAHPETON

ND (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 12/26/2024

**REASON FOR REVISION:**

1. NAME CHANGED FROM BANEY TO LOCKR.
2. REMOVED AIRSPACE DOCKET: 22-AGL-4.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: PANIC

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 462809.23N/0961543.02W

TYPE: WP, 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	MRA	MAA
1	FARGO	FAR	VOR/DME	VH	115.76	124.76	29.75	29.75	3500	45000
2	FERGUS FALLS	FFM	VOR/DME	T	333.01	338.01		11.65	3500	13200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE		WP	120.75	300.75	R		4	3000	6000	5	6

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-000819)	462808.00N/0961158.00W	1956	5D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

FARGO (FAC 1) AND FERGUS FALLS (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V2	1, 2				(US)
IAP	ILS OR LOC RWY 31	1, 2		KFFM	FERGUS FALLS	MN (US)
IAP	RNAV (GPS) RWY 31		1	KFFM	FERGUS FALLS	MN (US)
IAP	RNAV (GPS) RWY 35		1	KFFM	FERGUS FALLS	MN (US)
IAP	VOR RWY 13	1, 2		KFFM	FERGUS FALLS	MN (US)
IAP	RNAV (GPS) RWY 15			KBWP	WAHPETON	ND (US)
IAP	RNAV (GPS) RWY 33			KBWP	WAHPETON	ND (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 12/26/2024

## REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: FAC 1 CLASS CHANGED FROM H TO VH.  
2. CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

# RADIO FIX AND HOLDING DATA RECORD

NAME: SATYO

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 461001.83N/0963327.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 33

FAC

PAT

AIRPORT IDENT  
KBWP

CITY  
WAHPETON

STATE  
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 01/10/2013

REASON FOR REVISION:

FIX MOVED 371.28 FT. (0.06 NM)

DELETED FAC 1.

UPDATED FIX USE.

CHANGED CHICAGO FPO TO CENTRAL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/18/2012

OFFICE: AJV-353

NAME: CHRIS O'BRIEN

APPROVED BY:

DATE: 10/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY:

OTHER: GFK FSS



# RADIO FIX AND HOLDING DATA RECORD

NAME: ZAKPU

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 461159.26N/0963442.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 33

FAC

PAT

AIRPORT IDENT  
KBWP

CITY  
WAHPETON

STATE  
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/10/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/18/2012

OFFICE: AJV-353

NAME: CHRIS O'BRIEN

APPROVED BY:

DATE: 10/19/2012

OFFICE: AJV-353

NAME: LARRY STROUT

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY:  
OTHER: