

RADIO FIX AND HOLDING DATA RECORD

NAME: BAYYG

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 474529.01N/0970959.06W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	174.04	354.04	R	4	2600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-000754)	473830.66N/0970441.47W	1225	5D

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 17L		1	KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 35R		1	KGFK	GRAND FORKS	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE: Digitally signed by

DAVID TEFFETELLER

Apr 28, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: GRAND FORKS VOR/DME

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475717.40N/0971107.33W

TYPE:

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	GRAND FORKS	GFK	VOR/DME	H						45000

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	S	GFK	VOR/DME	170.00	350.00	R	1	3600 10000	4 9
2	N	GFK	VOR/DME	358.00	178.00	L	1	3600 10000	4 9
3	S	GFK	VOR/DME	172.83	352.83	R	1	3600 10000	4 12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-000755)	475018.00N/0970423.00W	1161	4D
2	200	TOWER (38-000117)	480018.00N/0970631.00W	1158	4D
3	200	TOWER (38-000755)	475018.00N/0970423.00W	1161	4D
3	310	TOWER (27-000979)	475752.17N/0970146.82W	1337	1A

REASON FOR NONSTANDARD HOLDING:

PAT 2 AVOID AFB TRAFFIC

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR 9E/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T330					(US)
EN ROUTE	T331					(US)
EN ROUTE	T407					(US)
EN ROUTE	V171					(US)
EN ROUTE	V181					(US)
EN ROUTE	V430					(US)
EN ROUTE	V55					(US)
EN ROUTE	V561					(US)
IAP	RNAV (GPS) RWY 13			KCKN	CROOKSTON	MN (US)
IAP	VOR/DME RWY 13			KCKN	CROOKSTON	MN (US)
IAP	ILS OR LOC RWY 18			KFAR	FARGO	ND (US)
IAP	ILS OR LOC RWY 35L		2	KGFK	GRAND FORKS	ND (US)
IAP	LOC BC RWY 17R (ALT MA)		3	KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 17L			KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 17R			KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 27R			KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 35L			KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 35R			KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 9L			KGFK	GRAND FORKS	ND (US)
IAP	VOR RWY 17R		1	KGFK	GRAND FORKS	ND (US)
IAP	VOR RWY 35L		1	KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 32			D55	LANGDON	ND (US)
IAP	RNAV (GPS) RWY 26			4V4	NORTHWOOD	ND (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 20

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. FIX USE: ADDED IAPS RNAV (GPS) RWY 17L AND RNAV (GPS) RWY 35R AT KGFK

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

QUALITY
26
CHECKED

Digitally signed by
DAVID TEFFETELLER
SIGNATURE: Apr 28, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: HOKKS

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 480838.33N/0970957.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION: ESTABLISH

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	N		WP	354.04	174.04	R	4	2600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPD	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-001080)	481139.70N/0971129.70W	1162	4D

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 17L		1	KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 35R		1	KGFK	GRAND FORKS	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

Apr 28, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: ODIEE

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 480150.71N/0970958.07W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 17L

FAC

PAT

AIRPORT IDENT
KGFK

CITY
GRAND FORKS

STATE
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER
Apr 28, 2025

QUALITY
26
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SSNOE

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475838.66N/0970958.26W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 17L

FAC

PAT

AIRPORT IDENT
KGFK

CITY
GRAND FORKS

STATE
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/17/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE: *Digitally signed by*
DAVID TEFFETELLER
Apr 28, 2025

QUALITY
26
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WUTSO

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 481459.73N/0970948.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
EN ROUTE
IAP
IAP

USE TITLE

T407
RNAV (GPS) RWY 17L
RNAV (GPS) RWY 17R

FAC

PAT

AIRPORT IDENT

CITY

STATE

(US)
ND (US)
ND (US)

KGFK
KGFK

GRAND FORKS
GRAND FORKS

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/17/2025

REASON FOR REVISION:

1. FIX USE: ADDED IAP RNAV (GPS) RWY 17L AT KGFK
2. AIRSPACE DOCKET: REMOVED 21-AGL-2

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 03/13/2025

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE: *Digitally signed by*

DAVID TEFFETELLER

Apr 28, 2025

