

RADIO FIX AND HOLDING DATA RECORD

NAME: ARIDE

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475708.32N/0971833.52W

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 9L

FAC

PAT

AIRPORT IDENT
KGFK

CITY
GRAND FORKS

STATE
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

REMOVED KGFK R09L FROM FIX MAKE-UP FACILITIES.
REMOVED REMARK RNP CRITERIA APPLIED.
UPDATED FIX USE TO CURRENT CRITERIA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

DAVID DANNER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: GFK APP CON, GFK ATCT

OTHER:

Feb 10, 2020

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BALEE

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475708.56N/0971337.46W

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 9L

FAC

PAT

AIRPORT IDENT
KGFK

CITY
GRAND FORKS

STATE
ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

REMOVED KGFK R09L FROM FIX MAKE-UP FACILITIES.
UPDATED FIX USE TO CURRENT CRITERIA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*

DAVID DANNER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: GFK APP CON, GFK ATCT

OTHER:

Feb 10, 2020

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: BISCA

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475945.77N/0973609.26W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	GRAND FORKS	GFK	VOR/DME	H	269.52	278.52	17.00			3300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V430	1		KGFK	GRAND FORKS	(US)
IAP	RNAV (GPS) RWY 9L					ND (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

REMOVED FAC 2 DUCEV FROM FIX MAKE-UP FACILITIES.
UPDATED FIX USE TO CURRENT CRITERIA AND ADDED FAC 1 TO V430 ENTRY.
CHANGED CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

DAVID DANNER

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: GFK APP CON, GFK ATCT

OTHER:

Feb 10, 2020

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: DUCEV STATE: ND COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 475707.26N/0972755.06W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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	W		WP	263.78	083.78	R	4	4000	6000	5	6

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIRSPEED	OBSTRUCTION			
1	200	TOWER (38-000608)	475619.70N/0973327.50W	1476	4D
1	310	TOWER (38-000626)	475739.63N/0975206.93W	2226	1A

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:				
PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 27R	KGFK	GRAND FORKS	ND (US)

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:					STATE
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY
IAP	RNAV (GPS) RWY 27R		1	KGFK	GRAND FORKS
IAP	RNAV (GPS) RWY 9L		1	KGFK	GRAND FORKS

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 03/26/2020

REASON FOR REVISION:
 REMOVED KGFK R09L FROM FIX MAKE-UP FACILITIES.
 RAISED PAT 1 200K OBS FROM 1474 TO 1476 AND CHANGED AC FROM 5D TO 4D.
 LOWERED PAT 1 310K OBS FROM 2236 TO 2226.
 MOVED 'HOLDING LIMITED TO ESTABLISHED PATTERN' FROM REMARKS TO HOLDING RESTRICTIONS.
 ADDED KGFK RNAV (GPS) RWY 27R TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
 ADDED REMARK 'PRECIPITOUS TERRAIN EVALUATION COMPLETED.'
 UPDATED FIX USE TO CURRENT CRITERIA AND SPLIT KGFK RNAV APPROACH ENTRIES.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A422	NAME: RALPH DUMAR
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON
	SIGNATURE:	Digitally signed by DAVID DANNER	
		Feb 10, 2020	
DISTRIBUTION:	NFDC FPO: CEN ARTCC: ZMP ATC FACILITY: GFK APP CON OTHER:		



RADIO FIX AND HOLDING DATA RECORD

NAME: URBAH

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 475707.35N/0965342.07W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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	E		WP	084.21	264.21	R	4	2800	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	475436.00N/0964433.00W	1145	4E

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 27R		1	KGFK	GRAND FORKS	ND (US)
IAP	RNAV (GPS) RWY 9L		1	KGFK	GRAND FORKS	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 03/26/2020

REASON FOR REVISION:

REMOVED KGFK R27R FROM FIX MAKE-UP FACILITIES.
MOVED 'HOLDING LIMITED TO ESTABLISHED PATTERN' FROM REMARKS TO HOLDING RESTRICTIONS.
HOLD PAT 1: REMOVED '200' FROM 'AAO' OBSTRUCTION TYPE PER CRITERIA.
ADDED REMARK 'PRECIPITOUS TERRAIN EVALUATION COMPLETED.'
UPDATED FIX USE TO CURRENT CRITERIA AND SPLIT KGFK RNAV APPROACH ENTRIES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: RALPH DUMAR

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

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DISTRIBUTION:

NFDC
FPO: CEN
ARTCC: ZMP
ATC FACILITY: GFK APP CON
OTHER:

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