

RADIO FIX AND HOLDING DATA RECORD

NAME: GRAND RAPIDS VOR/DME STATE: MN COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 470948.40N/0932920.16W 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	MRA FEET	MAA
1	GRAND RAPIDS	GPZ	VOR/DME	L						17500

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	GPZ	VOR/DME	154.22	334.22	R	1	3000 6000	4 5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	470857.00N/0933315.00W	1647	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAGVAR: E6 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V161					(US)
EN ROUTE	V191					(US)
EN ROUTE	V218					(US)
EN ROUTE	V430					(US)
IAP	NDB RWY 16			KAIT	AITKIN	MN (US)
IAP	RNAV (GPS) RWY 16			KAIT	AITKIN	MN (US)
IAP	ILS OR LOC RWY 34 (ALT MISS)	1		KGPZ	GRAND RAPIDS	MN (US)
IAP	RNAV (GPS) RWY 16			KGPZ	GRAND RAPIDS	MN (US)
IAP	RNAV (GPS) RWY 34			KGPZ	GRAND RAPIDS	MN (US)
IAP	VOR RWY 34	1		KGPZ	GRAND RAPIDS	MN (US)
IAP	NDB RWY 31			KXVG	LONGVILLE	MN (US)
IAP	RNAV (GPS) RWY 31			KXVG	LONGVILLE	MN (US)
IAP	RNAV (GPS) RWY 14			KHZX	MCGREGOR	MN (US)
IAP	RNAV (GPS) RWY 15			KY49	WALKER	MN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 08/17/2017

REASON FOR REVISION:

ADDED REMARK "ASSIGNED FACILITY MAGVAR: E6 1965".
 ADDED KY49 RNAV (GPS) RWY 15 TO FIX USE.

DEVELOPED BY: DATE: 03/01/2017 OFFICE: AJV-5433 NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

SIGNATURE: Digitally signed by

DISTRIBUTION:

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

QUALITY
5
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HUUTA

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 464247.07N/0941902.20W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

IAP
IAP
IAP

USE TITLE

ILS OR LOC RWY 23
RNAV (GPS) RWY 23
RNAV (GPS) RWY 31

FAC

PAT

AIRPORT IDENT

KBRD
KBRD
KXVG

CITY

BRAINERD
BRAINERD
LONGVILLE

STATE

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 08/17/2017

REASON FOR REVISION:

REMOVED FAC 1 BRD PER VORMON DECOM.

REMOVED DME FROM TYPE.

REMOVED FAC 1 FROM FIX USE FOR ILS OR LOC RWY 23.

REMOVED KBRD RNAV (GPS) RWY 16 FROM FIX USE.

REMOVED V 82 FROM FIX USE.

REMOVED KY49 RNAV (GPS) RWY 33 FROM FIX USE.

6/12/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/15/2017.

REMOVED CONTROLLER AND ENROUTE LOW FROM REQUIRED CHARTING.

DEVELOPED BY:

DATE: 03/02/2017

OFFICE: AJV-5433

NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
BEV L BORDY

Jun 13, 2017

DISTRIBUTION:

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

QUALITY
5
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LONGVILLE NDB STATE: MN COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 465939.05N/0941221.66W 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	MRA	MAA
1	LONGVILLE	XVG	NDB	MH						17500

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 ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	XVG	NDB	140.65	320.65	R	1		3100	6000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001599)	465817.00N/0940311.00W	1990	4D

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 FACILITY ASSIGNED MAGVAR: E3 2000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 31	1	1	KXVG	LONGVILLE	MN (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 08/17/2017

REASON FOR REVISION:

UPDATED HOLDING PAT 1 RAD/CRS/BRG FROM 134.39 TO 140.65 AND CRS INBOUND FROM 314.39 TO 320.65 AND MAX ALTITUDE FROM 14000 TO 6000 AND MAX TEMPLATE SIZE FROM 10 TO 5.
 UPDATED HOLDING PAT 1 CONTROLLING OBSTACLE FROM TOWER (24-0577) TO TOWER (27-001599).
 MOVED REMARK "HOLDING LIMITED TO ESTABLISHED PATTERN" TO HOLDING RESTRICTIONS.
 ADDED REMARK "PRECIPITOUS TERRAIN EVALUATION COMPLETED" AND "FACILITY ASSIGNED MAGVAR: E3 2000".
 UPDATED FIX USE FORMAT.

DEVELOPED BY: DATE: 03/01/2017 OFFICE: AJV-5433 NAME: BEV L BORDY (CHRISTINE BAYSE)

APPROVED BY: DATE: OFFICE: AJV-5430 NAME: PATRICK MULQUEEN

Digitally signed by

SIGNATURE:

DISTRIBUTION:

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

QUALITY
5
CHECKED