

RADIO FIX AND HOLDING DATA RECORD

NAME: JOCKA

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 443926.71N/0952957.13W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 33

FAC

PAT

AIRPORT IDENT
KGDB

CITY
GRANITE FALLS

STATE
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

REMOVED "RNP CRITERIA APPLIED" FROM REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: EDUARDO LIMA

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

Digitally signed by

JOHN BORDY

May 12, 2020

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY:

OTHER: MSP APP CON

QUALITY
24
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JUNES STATE: MN COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 442807.64N/0953537.72W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	W		WP	265.43	085.43	R	4	4600	6000	6	6

CONTROLLING OBSTRUCTIONS:			COORDINATES	ELEVATION	ACCURACY CODE
PAT	AIR SPEED	OBSTRUCTION			
1	200	TOWER (27-001053)	442903.00N/0952928.00W	1641	5D
1	310	TOWER (27-001373)	441932.00N/0955220.00W	1998	5D

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:				
PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 12	KMML	MARSHALL	MN (US)

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED

FIX USE:						
USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 33			KGDB	GRANITE FALLS	MN (US)
IAP	RNAV (GPS) RWY 12		1	KMML	MARSHALL	MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 09/10/2020

REASON FOR REVISION:
 REMOVED "INT, DME" FROM FIX TYPE - FIX TO BE RETAINED AS WP ONLY, AIRWAY CANCELED.
 REMOVED FAC 1 AND 2 FROM FIX MAKE-UP - FIX TO BE RETAINED AS WP ONLY.
 REMOVED EXPANDED SERVICE VALUME (ESV) - FIX TO BE RETAINED AS WP ONLY
 REMOVED "V26" FROM FIX USE - V26 AIRWAY CANCELED.
 REMOVED "CONTROLLER, ENROUTE LOW" FROM REQUIRED CHARTING - AIRWAY CANCELED.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A422	NAME: EDUARDO LIMA
APPROVED BY:	DATE:	OFFICE: AJV-A420	NAME: MARLON ROBINSON

SIGNATURE: *Digitally signed by*
JOHN BORDY

DISTRIBUTION: NFDC
 FPO: CEN
 ARTCC: ZMP
 ATC FACILITY:
 OTHER: MSP APP CON

May 12, 2020



RADIO FIX AND HOLDING DATA RECORD

NAME: MOLOW STATE: MN COUNTRY: US ICAO REGION CODE: K3
 LATITUDE/LONGITUDE: 443253.21N/0952605.02W TYPE: WP, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	REDWOOD FALLS	RWF	VOR/DME	H	283.34	290.34	14.03	14.03		3800	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		WP	153.17	333.17	R		4	3800	6000	5	6
2	W		WP	286.35	106.35	L		6	3800	10000	7	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (27-001053)	442903.00N/0952928.00W	1641	5D
2	230	TOWER (27-001053)	442903.00N/0952928.00W	1641	5D

REASON FOR NONSTANDARD HOLDING:
 PAT 2 ATC REQUESTED.

HOLDING RESTRICTIONS:
 HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 HOLD PAT 2 230 AIRSPEED DUE TO MILITARY USE AT KRWF.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V24-398	1				
IAP	RNAV (GPS) RWY 33		1	KGDB	GRANITE FALLS	MN (US)
IAP	RNAV (GPS) RWY 30		2	KRWF	REDWOOD FALLS	MN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 DATE OF REVISION: 09/10/2020

REASON FOR REVISION:
 CHANGED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER LOW.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A422 NAME: EDUARDO LIMA
 APPROVED BY: DATE: OFFICE: AJV-A420 NAME: MARLON ROBINSON

SIGNATURE: Digitally signed by

DISTRIBUTION: NFDC
 FPO: CEN
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 OTHER: MSP APP CON

JOHN BORDY
 May 12, 2020

QUALITY
 24
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RISLE

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 444035.32N/0955546.42W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	REDWOOD FALLS	RWF	VOR/DME	H	283.34	290.34	36.59	36.59		3800	17500
2	MONTEVIDEO	MVE	VOR/DME	T	202.65	207.65	20.05	20.05		3800	12000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V24-398	1, 2				(US)
IAP	RNAV (GPS) RWY 33			KGDB	GRANITE FALLS	MN (US)
IAP	RNAV (GPS) RWY 32			KDXX	MADISON	MN (US)
IAP	RNAV (GPS) RWY 32			KMVE	MONTEVIDEO	MN (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 09/10/2020

REASON FOR REVISION:

CHANGED REQUIRED CHARTING FROM CONTROLLER TO CONTROLLER LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: EDUARDO LIMA

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