

# RADIO FIX AND HOLDING DATA RECORD

NAME: VOLGA

STATE: SD

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 441023.45N/0965516.05W

TYPE: 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	FAC FEET	MRA	MAA
1	SIOUX FALLS	FSD	VORTAC	H	340.11	349.11	32.00	32.00		4000	17500
2	MITCHELL	MHE	VOR/DME	L	059.45	063.45		53.89		4000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MHE	VOR/DME	R-059	54	4000	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	S	FSD	VORTAC	340.11	340.11	R	1		4000	6000	6	7

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	441148.00N/0960036.00W	2061	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

SIOUX FALLS (FAC1)USED TO ESTABLISH FIX COORDINATES.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V181	1				(US)
IAP	ILS OR LOC RWY 12	1, 2	1	KBKX	BROOKINGS	SD (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/15/2016

## REASON FOR REVISION:

1. CHANGED FAC 2/MHE VOR/DME MAG BRG FROM 056.45 TO 059.4 DUE TO MAG VAR CHANGE.
2. CHANGED MHE ESV R-056 TO R-059 DUE TO MHE VOR/DME MAG VAR CHANGE.
3. ADDED PAT 1 TO ILS OR LOC RWY 12 FIX USE.

DEVELOPED BY: DATE: 07/11/2016 OFFICE: AJV-5421 NAME: DANIEL OLSON

APPROVED BY: DATE: 07/13/2016 OFFICE: AJV-5420 NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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