

# RADIO FIX AND HOLDING DATA RECORD

NAME: ASTOE

STATE: SD

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 442755.47N/0963816.95W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18			KPQN	PIPESTONE	MN (US)
IAP	RNAV (GPS) RWY 36			KPQN	PIPESTONE	MN (US)
IAP	ILS OR LOC RWY 12			KBKX	BROOKINGS	SD (US)
IAP	RNAV (GPS) RWY 12			KBKX	BROOKINGS	SD (US)
IAP	RNAV (GPS) RWY 30			KBKX	BROOKINGS	SD (US)
IAP	RNAV (GPS) RWY 35			KATY	WATERTOWN	SD (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 13

DATE OF REVISION: 07/16/2020

## REASON FOR REVISION:

1. DELETED CONTROLLING OBSTRUCTION: UPN TOWER (46-000770).
2. DELETED UNPLANNED HOLDING AUTHORIZED ABOVE 6000 FROM HOLDING RESTRICTIONS.
3. DELETED PRECIPITOUS TERRAIN EVALUATION COMPLETE FROM REMARKS.
4. DELETED V26 FROM FIX USE.
5. ADDED CONTROLLER LOW TO REQUIRED CHARTING.
6. CHANGED FIX TYPE TO WP ONLY.
7. DELETED FACILITIES FROM FIX MAKEUP FACILITIES.
8. DELETED FACILITY REFERENCES IN REMARKS SECTION.
9. DELETED RWF ESV.
10. REMOVED EN ROUTE LOW AND CONTROLLER LOW FROM REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

*Digitally signed by*  
**WARDELL HENNING**

DISTRIBUTION:

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

May 11, 2020

QUALITY  
24  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CATID

STATE: IA

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 432430.55N/0961104.56W

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	SIOUX FALLS	FSD	VORTAC	H	109.84	118.84	29.78	29.78		3400	17500
2	WORTHINGTON	OTG	VOR/DME	L	233.67	241.67		29.94		3400	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

SIOUX FALLS (FAC 1) AND WORTHINGTON (FAC 2) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V250	1, 2				(US)
EN ROUTE	V462	1, 2				(US)
IAP	RNAV (GPS) RWY 15			KSHL	SHELDON	IA (US)
IAP	RNAV (GPS) RWY 36			KPQN	PIPESTONE	MN (US)
IAP	RNAV (GPS) RWY 27			KFSD	SIOUX FALLS	SD (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 07/16/2020

## REASON FOR REVISION:

1. REMOVED NDB RWY 17, NDB RWY 35, RNAV (GPS) RWY 17, RNAV (GPS) RWY 35 AT KISB FROM FIX USE.
2. ADDED RNAV (GPS) RWY 36 AT KPQN TO FIX USE.
3. ADDED CONTROLLER LOW TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

*Digitally signed by*

**WARDELL HENNING**

DISTRIBUTION:

NFDC

FPO: CEN

ARTCC: ZMP

ATC FACILITY: FSD APP CON

OTHER:

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# RADIO FIX AND HOLDING DATA RECORD

NAME: CEPKA

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 435342.32N/0961827.81W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

FIX USE:  
USE TYPE  
IAP

USE TITLE  
RNAV (GPS) RWY 36

FAC

PAT

AIRPORT IDENT  
KPQN

CITY  
PIPESTONE

STATE  
MN (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 07/16/2020

REASON FOR REVISION:

REMOVED COORDINATES CALCULATED WITH 8260.54A PFAF FORMULA FROM REMARKS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: RICHARD CHRISTENSEN

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

*Digitally signed by*  
**WARDELL HENNING**

DISTRIBUTION:

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

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