

# RADIO FIX AND HOLDING DATA RECORD

NAME: HARDS

STATE: NE

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 423406.80N/0972413.71W

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	YANKTON	YKN	VOR/DME	L	175.28	182.28	21.00	21.00		3700	17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V181	1				(US)
IAP	RNAV (GPS) RWY 13			K0B4	HARTINGTON	NE (US)
IAP	RNAV (GPS) RWY 20			KOFK	NORFOLK	NE (US)
IAP	RNAV (GPS) RWY 18			KLCG	WAYNE	NE (US)
IAP	RNAV (GPS) RWY 31			KYKN	YANKTON	SD (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/21/2020

**REASON FOR REVISION:**

FIX TYPE: DELETED "INT"

FIX MAKE-UP: DELETED FAC 2.

HOLDING: DELETED UNPLANNED HOLDING.

HOLDING RESTRICTIONS: DELETED "UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 5000."

REMARKS: DELETED "PRECIPITOUS TERRAIN EVALUATION COMPLETED."

FIX USE: CHANGED V181 USE TYPE FROM "IAP" TO "EN ROUTE" AND CHANGED KOFK - RNAV (GPS) RWY 19 TO RNAV (GPS) RWY 20.

REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: JACOB MAXFIELD

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** PENDE **STATE:** NE **COUNTRY:** US **ICAO REGION CODE:** K3

**LATITUDE/LONGITUDE:** 421050.61N/0965022.76W **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 FAC NM	FAC FEET	MRA	MAA
1	SIOUX CITY	SUX	VORTAC	L	238.04	247.04	25.00	25.00		3600	17500
2	YANKTON	YKN	VOR/DME	L	144.15	151.15		50.42		3600	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
YKN	VOR/DME	R-144	51	3600	17500

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V219	1, 2				(US)
IAP	RNAV (GPS) RWY 31			K6K3	CREIGHTON	NE (US)
IAP	RNAV (GPS) RWY 23			KLCG	WAYNE	NE (US)

**REQUIRED CHARTING:** IAP, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 6 **DATE OF REVISION:** 05/21/2020

**REASON FOR REVISION:**

FIX USE: DELETED KOFK - RNAV (GPS) RWY 19 AND RNAV (GPS) RWY 32.  
REQUIRED CHARTING: CHANGED "CONTROLLER" TO "CONTROLLER LOW"

**INITIATED BY:** **DATE:** **ORGANIZATION:** **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:** AJV-A431 **NAME:** JACOB MAXFIELD

**APPROVED BY:** **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: CEN  
ARTCC: ZMP  
ATC FACILITY: SUX  
OTHER: