

RADIO FIX AND HOLDING DATA RECORD

NAME: AKUSE

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 485052.09N/0975249.94W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	K96D R33					171.01	5.36			17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	WALHALLA MUNI - RNAV RWY 33 (FB)			96D	WALHALLA	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2001

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/24/2000

OFFICE: AVN-140

NAME: GERARD LEBAR

APPROVED BY:

DATE: 02/23/2001

OFFICE: AVN-140

NAME:

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: CUJZU

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 484509.06N/0975907.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BUWBI					261.04	5.00			17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	WALHALLA MUNI - RNAV RWY 33 (FB)			96D	WALHALLA	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/10/1988

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/24/2000

OFFICE: AVN-140

NAME: GERARD LEBAR

APPROVED BY:

DATE: 02/23/2001

OFFICE: AVN-140

NAME:

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: DEMKY

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 484642.44N/0974411.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	BUWBI					081.04	5.00			17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	WALHALLA MUNI - RNAV RWY 33 (FB)			96D	WALHALLA	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2001

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/24/2000

OFFICE: AVN-140

NAME: GERARD LEBAR

APPROVED BY:

DATE: 02/23/2001

OFFICE: AVN-140

NAME:

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: EDSIQ

STATE: ND

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 480156.88N/0975907.04W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	GRAND FORKS	GFK	VOR/DME	H	269.52	278.52	32.57		3300	17500
2	CUJZU					180.00	43.23			17500

REMARKS:

WAYPOINT COLLOCATED WITH DME FIX

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V 430					
IAP	WALHALLA MUNI - RNAV RWY 33 (FB)			96D	WALHALLA	ND (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/23/2001

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/26/2000

OFFICE: AVN-140

NAME: GERARD LEBAR

APPROVED BY:

DATE: 02/23/2001

OFFICE: AVN-140

NAME:

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HUMBOLDT TACAN

STATE: MN

COUNTRY: US

ICAO REGION CODE: K3

LATITUDE/LONGITUDE: 485209.07N/0970704.45W

TYPE:

AIRSPACE DOCKET: 21-AGL-2

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HUMBOLDT	HML	TACAN	H							45000

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	NE		WP	028.08	208.08	R		4	3500	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	485951.00N/0965827.00W	1136	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 34		1	2C8	CAVALIER	ND (US)
IAP	RNAV (GPS) RWY 33			96D	WALHALLA	ND (US)

REQUIRED CHARTING: MILITARY IAP, IAP, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 12/02/2021

REASON FOR REVISION:

NAME: CHANGED VORTAC TO TACAN.
LAT/LONG: CHANGED FROM 485209.09N/0970701.51W TO 485209.07N/0970704.45W.
AIRSPACE DOCKET: ADDED 21-AGL-2.
FIX MAKE-UP FACILITIES: CHANGED FAC 1 TYPE FROM VORTAC TO TACAN.
HOLDING: REMOVED PAT 1 AND ALL ASSOCIATED DATA.
FIX USE: REMOVED V181, J107 AND J515. REMOVED KHCO VOR/DME RWY 31. REMOVED KPMB VOR-A.
REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW AND HIGH.
COMPULSORY REPORTING POINT: REMOVED LOW/HIGH PER AIRSPACE DOCKET.

07/22/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/01/2021.

1. HOLDING: CHANGED PAT 1 RAD/CRS/BRG FROM 305.42 TO 305.16 AND CRS INBOUND FROM 125.42 TO 125.16. CHANGED PAT 2 RAD/CRS/BRG FROM 028.17 TO 028.08 AND CRS INBOUND FROM 208.17 TO 208.08.

07/27/21: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/01/21.

1. HOLDING: REMOVED PAT 1 AND ALL ASSOCIATED DATA.
2. HOLDING RESTRICTIONS: CHANGED PATTERNS TO PATTERN.
3. FIX USE: REMOVED KHCO RNAV (GPS) RWY 13 AND RNAV (GPS) RWY 31.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 06/01/2021

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE: