

# RADIO FIX AND HOLDING DATA RECORD

NAME: WILLISTON VOR/DME STATE: ND COUNTRY: US ICAO REGION CODE: K3  
 LATITUDE/LONGITUDE: 481512.29N/1034502.38W TYPE:

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	FEET	MRA	MAA
1	WILLISTON	ISN	VOR/DME	VL							35000

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	NW	ISN	VOR/DME	305.00	125.00	R	1	4300 10000	13 15
2	NE	ISN	VOR/DME	030.21	210.21	R	1	7000 10000	8 9

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (38-000003)	480802.00N/1035138.00W	3217	4D
1	310	TOWER (38-000003)	480802.00N/1035138.00W	3217	4D
2	230	TOWER (38-020745)	482434.68N/1034747.35W	2658	2C
2	310	TOWER (38-000003)	480802.00N/1035138.00W	3217	4D

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 32	KXWA	WILLISTON	ND (US)
2	VOR RWY 22	KXWA	WILLISTON	ND (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: 8 DEGREES EAST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WILLISTON			KXWA	WILLISTON	ND (US)
EN ROUTE	J549					(US)
EN ROUTE	V430					(US)
EN ROUTE	V439					(US)
EN ROUTE	V465					(US)
EN ROUTE	V545					(US)
EN ROUTE	V71					(US)
IAP	RNAV (GPS) RWY 12			KPWD	PLENTYWOOD	MT (US)
IAP	RNAV (GPS) RWY 30			KPWD	PLENTYWOOD	MT (US)
IAP	RNAV (GPS) RWY 12			9S2	SCOBEY	MT (US)
IAP	RNAV (GPS) RWY 30			D50	CROSBY	ND (US)
IAP	ILS OR LOC RWY 32		1	KXWA	WILLISTON	ND (US)
IAP	VOR RWY 14	1	1	KXWA	WILLISTON	ND (US)
IAP	VOR RWY 22	1	2	KXWA	WILLISTON	ND (US)
IAP	VOR RWY 32	1	1	KXWA	WILLISTON	ND (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 18

DATE OF REVISION: 07/14/2022

## REASON FOR REVISION:

1. REMOVED PATTERN 1 AND ASSOCIATED DATA.
2. PROCEDURES REQUIRING CLIMB-IN-HOLD REMOVED KXWA VOR RWY 32 AND VOR RWY 14.
3. REMOVED CONTROLLING OBSTRUCTIONS FOR PATTERN 1.
4. CHANGED FIX MAKE-UP FACILITIES MAA FROM "45000" TO "35000".
5. CHANGED FIX MAKE-UP FACILITIES CLASS FROM L TO VL.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A431 NAME: ZACHARY KRUEGER  
 APPROVED BY: DATE: 07/14/2022 OFFICE: AJV-A430 NAME: LONNIE EVERHART

Digitally signed by  
 SIGNATURE: DONALD H LANIER  
 Feb 25, 2022

QUALITY  
 42  
 CHECKED