

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u> KXWA	<u>PROCEDURE NAME</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> WILLISTON	<u>STATE</u> ND		
<u>AIRPORT ELEVATION</u> 2356	<u>TDZE</u> 2318	<u>SUPERSEDED</u> VOR RWY 14	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> ISN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 14 JULY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES** THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 22-15.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ISN VOR/DME		JUROX/ISN 12.00 DME					332.22	12.00	4300
BETKE/ISN 12.00 DME CW	IAF	JUROX/ISN 12.00 DME	NOPT	←			12.00 DME ARC (ISN LR-322)		4300
FOGBA/ISN 12.00 DME CW	IAF	JUROX/ISN 12.00 DME	NOPT	←			12.00 DME ARC (ISN LR-322)		4300
HASIP/ISN 12.00 DME CW	IAF	JUROX/ISN 12.00 DME	NOPT	←			12.00 DME ARC (ISN LR-322)		4300
JUROX/ISN 12.00 DME	IF/IAF	HUTVI/ISN 5.26 DME					152.22	6.74 (ISN R-332)	3700

**MISSED APPROACH**

**MAP:**  
ISN 1.03 DME ←

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4300 THEN CLIMBING RIGHT TURN TO 4300 DIRECT ISN VOR/DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW JUROX, RT, 152.22 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 152.22 FAF: HUTVI/ISN 5.26 DME DIST FAF TO MAP: DIST FAF TO THLD: 4.23
4. MIN ALT: JUROX/ISN 12.00 DME 4300, HUTVI/ISN 5.26 DME 3700, HOXUX/ISN 3.00 DME 2800
8. MSA FROM: ISN VOR/DME 4300

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**



**ADDITIONAL FLIGHT DATA:**

HOLD NW, RT, 125.00 INBOUND.  
 CHART FAS OBST: 2456 GENERAL\_UTILITY (38-040214) 481607N/1034649W.  
 CHART VDP AT 2.18 DME  
 DISTANCE VDP TO THLD 1.15 NM.  
 CHART ISN R-255 AT BETKE.  
 CHART ISN R-211 AT FOGBA.  
 CHART ISN R-196 AT HASIP.  
 CHART CIRCLING ICON.  
 HUTVI TO RW14: 3.00/50.  
 CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 12.49 DEGREES.

**MINIMUMS:**

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-14	2720	1	402	2720	1	402	2720	1 1/8	402	2720	1 1/8	402				
CIRCLING	2760	1	404	2820	1	464	2820	1 1/2	464	2920	2	564				

**CHANGES - REASONS**

1. UPDATED FAS OBSTACLE FROM "CHART FAS OBST: 2433 POLE 481612N/1034651W." TO "CHART FAS OBST: 2456 GENERAL\_UTILITY (38-040214) 481607N/1034649W". - OBSTACLE UPDATED AND UPDATED DOCUMENTATION IAW 8260.19I 8-6-10C.
2. S-14 MDA/HAT CHANGED FROM "2700/384" TO "2720/402" - NEW CONTROLLING OBSTACLE.
3. AIRPORT ELEVATION CHANGED FROM "2353" TO "2356" - NEW AIRNAV DATA.
4. TDZE CHANGED FROM "2316" TO "2318" - NEW AIRNAV DATA.
5. CHART VDP NOTE CHANGED FROM "CHART VDP AT 2.12 DME DISTANCE VDP TO THLD 1.09 NM" TO "CHART VDP AT 2.18 DME DISTANCE VDP TO THLD 1.15 NM" - TDZE AND MDA INCREASE.
6. CIRCLING CAT A/B/C/D HAA CHANGED FROM "407/467/467/567" TO "404/464/464/564" - NEW AIRPORT ELEVATION.

05/27/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 02/25/2022.

1. TERMINAL ROUTES: "NOPT" ADDED TO FIX USE FOR BETKE/ISN 12.00 DME CW TO JUROX/ISN 12.00 DME, FOGBA/ISN 12.00 DME CW TO JUROX/ISN 12.00 DME, AND HASIP/ISN 12.00 DME CW TO JUROX/ISN 12.00 DME.
2. MAP CHANGED FROM "RW14 OR AT ISN 1.03 DME" TO "4.23 NM AFTER HUTVI/ISN 5.26 DME OR AT ISN 1.03 DME".

06/08/2022: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 02/25/2022.

1. MAP CHANGED FROM "4.23 NM AFTER HUTVI/ISN 5.26 DME OR AT ISN 1.03 DME" TO "ISN 1.03 DME".



AIRPORT ID  
KXWA

PROCEDURE NAME  
VOR RWY 14

ORIGINAL/AMENDMENT  
ORIG-A

CITY  
WILLISTON

STATE  
ND

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:** ZMP, ZLC, APT MGR

**FLIGHT CHECKED BY**  
MICHAEL AARON GREENWOOD

*Digitally signed by*  
**DONALD H LANIER**  
Jun 08, 2022

**OFFICE**  
FIOG

**DATE**  
03/17/2022

**DEVELOPED BY**  
DONALD H. LANIER (ZACHARY KRUEGER)

*Digitally signed by*  
**DONALD H LANIER**  
Jun 08, 2022

**OFFICE**  
AJV-A431

**DATE**  
12/21/2021

**APPROVED BY**  
LONNIE EVERHART

*Digitally signed by*  
**DONALD H LANIER**  
Jun 08, 2022

**OFFICE**  
AJV-A430

**DATE**

**TITLE**  
MANAGER

