

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</u> WILLISTON BASIN INTL	<u>AIRPORT ID</u> KXWA	<u>PROCEDURE NAME</u> VOR RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> WILLISTON	<u>STATE</u> ND	
<u>AIRPORT ELEVATION</u> 2353	<u>TDZE</u> 2350	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 8E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> ISN	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> 10/10/2019	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
ISN VOR/DME		JADPA/ISN 12.00 DME					122.61	12.00	4300
CIDIN/ISN 12.00 DME CCW	IAF	JADPA/ISN 12.00 DME					12.00 DME ARC (ISN LR-133)		4300
HASIP/ISN 12.00 DME CCW	IAF	JADPA/ISN 12.00 DME					12.00 DME ARC (ISN LR-133)		4300
JADPA/ISN 12.00 DME	IF/IAF	ZOPIV/ISN 4.35 DME					302.61	7.65 (ISN R-123)	3700

MISSED APPROACH

MAP:

WILAN/ISN 0.28 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4300 THEN CLIMBING LEFT 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 SE JADPA, RT, 302.61 INBOUND, 4300 FT. IN LIEU OF PT (IAF), MAX 6000.
3. **FAC:** 302.61 **FAF:** ZOPIV/ISN 4.35 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 4.07
4. **MIN ALT:** JADPA/ISN 12.00 DME 4300, ZOPIV/ISN 4.35 DME 3700
8. **MSA FROM:** ISN VOR/DME 4300

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ISN VOR/DME AIRWAY RADIALS 077 CW 112.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-32 CATS C/D VISIBILITY TO 1 1/8 SM.



ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 2429 TRANSMISSION LINE 481506N/1034241W
CHART CIRCLING ICON.
ZOPIV TO RW32: 3.01/50.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 17.13 DEGREES.
CHART ISN R-146 AT CIDIN.
CHART ISN R-196 AT HASIP.
CHART VDP AT 1.34 DME
DISTANCE VDP TO THLD 1.06 NM
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
HOLD NW, RT, 125.00 INBOUND

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-32	2740	1/2	390	2740	1/2	390	2740	3/4	390	2740	3/4	390			
CIRCLING	2760	1	407	2820	1	467	2820	1 1/2	467	2920	2	567			

CHANGES - REASONS

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☒ NBAA ☒ OTHER: ZMP, ZLC, ARPT MGR

FLIGHT CHECKED BY		OFFICE		DATE	
PENDING		FICO			
DEVELOPED BY		OFFICE		DATE	
KELLY DEAN		AJV-A431		04/22/2019	
APPROVED BY		OFFICE		DATE	
LONNIE EVERHART		AJV-A430			
				TITLE	
				MANAGER	

