

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION							RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33										Bearings, headings, courses, 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 in feet RVR.									
TERMINAL ROUTES																	MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LP: RW13 LNAV: RW13												
WUKVA (IF/IAF)				ZENEV (TF) (FB) (RNP 1.00)				132.95 / 6.00				3500		CLIMB TO 4200 DIRECT XUSDY AND HOLD.												
ZENEV (FAF)				ZIMAP/2.50 NM TO RW13 (TF) (FB) (RNP 0.30)				133.02 / 2.52																		
ZIMAP/2.50 NM TO RW13				RW13 (MAP) (TF) (FO) (RNP 0.30)				133.02 / 2.50																		
RW13 (MAP)				2140 MSL (CA)				133.02																		
2140 MSL				XUSDY (DF) (FO) (RNP 1.00)								4200		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.19 INBOUND. CHART FAS OBST: 1887 TREE 444330N/1000751W CHART FAS OBST: 1901 TOWER 444214N/1000604W CHART VDP AT 0.75 NM TO RW13. WAAS CHANNEL # 53341 REFERENCE PATH ID: W13A CHART CIRCLING ICON. ZENEV TO RW13: 3.00/39.7 CHART 1902 POLE 444401N/1000830W LTP HAE: 544.4 M												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	MAG VAR: 6E EPOCH YEAR: 2010									
2. HOLD NW WUKVA, RT, 132.95 INBOUND, 4100 FT. IN LIEU OF PT (IAF)																										
3. FAC: 133.02 FAF: ZENEV DIST FAF TO MAP: 5.02 THLD: 5.02																										
4. MIN. ALT: WUKVA 4100, ZENEV 3500, ZIMAP/2.50 NM TO RW13 2680																										
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																										
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																										
7. GS ANGLE: _____ TCH: 34:1 IS CLEAR																										
8. MSA FROM: _____																										
MINIMUMS																										
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT																	ALTERNATE: N A X									
CATEGORY ==>		A			B			C			D			E												
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA											
LP MDA	2140	1	261	2140	1	261	2140	1	261		NA															
LNAV MDA	2160	1	281	2160	1	281	2160	1	281		NA															
CIRCLING	2400	1	515	2400	1	515	2520	1 3/4	635		NA															
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VDP NA WHEN USING PIERRE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PIERRE ALTIMETER SETTING: INCREASE ALL MDAS 80 FEET AND CIRCLING CAT C VISIBILITY 1/4 SM.																										
CITY AND STATE ONIDA, SD				ELEVATION: 1885 TDZE: 1879 AIRPORT NAME: ONIDA MUNI				FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 1 FEBRUARY 2018						SUP: AMDT: NONE DATED									

QUALITY
10
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	043/30 CW 223/30 (NOPT)	WUKVA (IF/IAF) (FB)	4100
2.	223/30 CW 043/30	WUKVA (IF/IAF) (FO)	4100

QUALITY
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CHECKED

CITY AND STATE
ONIDA, SD

ELEVATION: 1885 TDZE: 1879
AIRPORT NAME:
ONIDA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
1 FEBRUARY 2018

SUP:
AMDT: NONE
DATED:

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	98D
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	444216.8785N
LTP/FTP LONGITUDE	1000619.2585W
LTP/FTP ELLIPSOIDAL HEIGHT	+05444
FPAP LATITUDE	444109.5585N
FPAP LONGITUDE	1000457.4390W
THRESHOLD CROSSING HEIGHT (TCH)	00039.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1592
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
 <u>CRC REMAINDER</u>	 BDD09A8F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05674
FPAP ORTHOMETRIC HEIGHT	+05674

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NONE