

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		LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3300 DIRECT NERDE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 270.24 INBOUND. CHART FAS OBST: 1597 TREE 480103N/0981841W CHART: 1625 TREE 475852N/0981801W CHART R-5401, R-5402, R-5403. DISTANCE TO THLD FROM 313 HAT: 0.87 NM. WAAS CHANNEL # 53540 REFERENCE PATH ID: W33A CHART CIRCLING ICON. CHART DEVILS LAKE RGNL AWOS-3 LTP HAE: 434.9 M									
JIDEX (IF/IAF)				CAKUD (TF) (FB) (RNP 1.00)				341.12 / 6.50				3100											
CAKUD (FAF)				HIDIP/2.50 NM TO RW33 (TF) (FB) (RNP 0.30)				341.09 / 2.38															
HIDIP/2.50 NM TO RW33				RW33 (MAP) (TF) (FO) (RNP 0.30)				341.09 / 2.50															
RW33 (MAP)				2300 MSL (CA)				341.09				2300											
2300 MSL				NERDE (DF) (FO) (RNP 1.00)								3300											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 4E EPOCH YEAR: 2020									
2. HOLD S JIDEX, RT, 341.12 INBOUND, 3500 FT. IN LIEU OF PT (IAF)																							
3. FAC: 341.09 FAF: CAKUD DIST FAF TO MAP: 4.88 THLD: 4.88																							
4. MIN. ALT: JIDEX 3500, CAKUD 3100, HIDIP/2.50 NM TO RW33 2340*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 3100 GS ALT AT: CAKUD 3100 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT 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								
LPV DA	1824	1 1/8	313	1824	1 1/8	313	1824	1 1/8	313		NA												
LNAV/VNAV DA	1824	1 1/8	313	1824	1 1/8	313	1824	1 1/8	313		NA												
LNAV MDA	1920	1	409	1920	1	409	1920	1 1/8	409		NA												
CIRCLING																							
	2080	1	569	2200	1	689	2260	2 1/4	749		NA												
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: RWY 15/33 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. (CONTINUED ON PAGE 2)																							
CITY AND STATE LAKOTA, ND				ELEVATION: 1511 TDZE: 1511 AIRPORT NAME: LAKOTA MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 22 JUNE 2017					SUP: AMDT: NONE DATED								



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

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

*LNAV ONLY

CHART NOTE: USE DEVILS LAKE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	251/30 CW 071/30 (NOPT)	JIDEX (IF/IAF) (FB)	3500
2.	071/30 CW 251/30	071/10 CW 251/10	4000
	071/10 CW 251/10	JIDEX (IAF) (FO)	3500

QUALITY
25
CHECKED

CITY AND STATE

LAKOTA, ND

ELEVATION: 1511

TDZE: 1511

AIRPORT NAME:

LAKOTA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

22 JUNE 2017

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	5L0
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	480127.4365N
LTP/FTP LONGITUDE	0981926.0385W
LTP/FTP ELLIPSOIDAL HEIGHT	+04349
FPAP LATITUDE	480253.4720N
FPAP LONGITUDE	0982000.2520W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 4E30D056

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04594
FPAP ORTHOMETRIC HEIGHT	+04594

QUALITY
25
CHECKED

CITY AND STATE LAKOTA, ND	ELEVATION: 1511 AIRPORT NAME: LAKOTA MUNI	TDZE: 1511 LAKOTA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 22 JUNE 2017	SUP:
					AMDT: NONE
					DATED: