

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97. 23										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. Coilings are in foot 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		MAP: 3.71 MILES AFTER FSD VORTAC OR AT FSD 3.71 DME CLIMB TO 3500 THEN RIGHT TURN DIRECT FSD VORTAC AND HOLD. (TACAN AIRCRAFT CONTINUE CLIMB TO 5000 VIA FSD R-269 TO FRYRE 15 DME AND HOLD WEST, RT, 089.40 INBOUND. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 147.00 INBOUND FAS OBST: 1659 TREE 433721/964718 CHART VDP AT 2.31 DME CHART: 1679 TREE 433900/964645 DISTANCE VDP TO THR 1.40 NM FSD VORTAC TO RW15: 3.37/46							
1. PT <u>R</u> SIDE OF COURSE <u>326.65</u> OUTBOUND <u>3500</u> FT WITHIN <u>15</u> MILES OF <u>FSD VORTAC</u> (IAF) 2. _____ 3. FAC <u>146.65</u> FAF <u>FSD VORTAC</u> DIST FAF TO MAP <u>3.71</u> THLD <u>3.71</u> 4. MIN. ALT <u>FSD VORTAC 2800</u> 8. MSA FROM: <u>FSD VORTAC 360-090 3500, 090-360 4500</u>										MAG VAR: 9E EPOCH YEAR: 65									
MINIMUMS																			
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD #							
CATEGORY >>>>>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-15	1920	1	492	1920	1	492	1920	1 1/4	492	1920	1 1/2	492	1920	1 3/4	492				
CIRCLING	1960	1	531	1960	1	531	1960	1 1/2	531	1980	2	551	2300	3	871				
NOTES:										# CAT E 900-3									
CITY AND STATE				ELEVATION: 1429 TDZE: 1428		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP							
SIOUX FALLS, SD				JOE FOSS FIELD		FSD		SEP 4 2003 VOR OR TACAN RWY 15, AMDT 21				AMDT 20A							
												DATE 06/20/99							