

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR 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. 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		MAP: JWJ VOR/DME							
HAKES INT			JWJ VOR/DME			339.80 / 4.51				2700		CLIMB TO 2700 THEN LEFT TURN DIRECT JWJ VOR/DME AND HOLD.							
												ADDITIONAL FLIGHT DATA: HOLD SE, RT, 299.70 INBOUND. CHART FAS OBST: 1099 TREE 420812N/0925457W JURSI TO RW13: 3.11/42. CHART DIST: JURSI TO THLD 1.65 NM FAC CROSSES RWY C/L EXTENDED 2996 FROM THLD.							
1. PT <u>R</u> SIDE OF COURSE <u>299.70</u> OUTBOUND <u>2700</u> FT WITHIN <u>10</u> MILES OF <u>JWJ VOR/DME</u> (IAF) 2. _____ 3. FAC <u>119.70</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>JURSI/JWJ 2.40 DME 1560*</u> 8. MSA FROM: <u>JWJ VOR/DME 2800</u>										MAG VAR: 1E EPOCH YEAR: 2010									
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-13		1560	1	586	1560	1	586	1560	1 1/2	586	1560	1 3/4	586						
CIRCLING		1560	1	586	1560	1	586	1560	1 1/2	586	1560	2	586						
JURSI FIX MINIMUMS																			
S-13		1360	1	386	1360	1	386	1360	1	386	1360	1 1/4	386						
CIRCLING		1400	1	426	1440	1	466	1440	1 1/2	466	1540	2	566						
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *1640 WHEN USING GRINNELL ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRINNELL ALTIMETER SETTING AND INCREASE ALL MDA 80 FT; INCREASE S-13 CAT C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE. INCREASE JURSI FIX MINIMUMS S-13 CAT C AND D VISIBILITY 1/4 MILE.																			
CITY AND STATE MARSHALLTOWN, IA				ELEVATION: 974 TDZE: 974 AIRPORT NAME: MARSHALLTOWN MUNI				FACILITY IDENTIFIER: JWJ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 13, AMDT 2, 23 SEP 2010				SUP		VOR RWY 12			
														AMDT		1			
														DATE		02/19/2004			

QUALITY
CHECKED