

## 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 visibility which are in statute miles or in feet RVR.

## TERMINAL ROUTES

## MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 6.35 MILES AFTER FOW VOR/DME OR AT 6.35 DME.
KASPR INT	FOW VOR/DME	337.53 / 15.30	3000	CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT FOW VOR/DME AND HOLD.
PEPPR INT	FOW VOR/DME	211.55 / 12.76	3000	
ALMAY INT	FOW VOR/DME	044.73 / 12.75	3000	
ADDITIONAL FLIGHT DATA:				FAS OBST: 1289 TREE 440940 / 931708.
				FOW VOR/DME TO 6.35 DME: 2:74/291/50
				CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN            MILES OF            (IAF)  
 2. HOLD NW FOW VOR/DME, RT, 134.48 INBOUND, 3000FT IN LIEU OF PT (IAF)  
 3. FAC 134.48 FAF FOW VOR/DME DIST FAF TO MAP 6.35 THLD 6.35  
 4. MIN. ALT FOW VOR/DME 3000  
 5. MSA FROM FOW VOR/DME 2900

CHART: TDZE 1110  
 AIRPORT ELEV 1145  
 MAG VAR: 2E EPOCH YEAR: 00

## MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15 FOR THIS AIRPORT						ALTERNATE: N A		X			
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-12	1500	1	450	1500	1	450	1560	1 1/4	450	1600	1 1/2	450			
CIRCLING	1620	1	475	1700	1	555	1700	1 1/2	565	1720	2	575			

NOTES:

CITY AND STATE	ELEVATION: 1145 TDZE: 1110	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
OWATONNA, MN	AIRPORT NAME: OWATONNA MUNI	FOW	72 98-26 28 JAN 99	AMDT 9
			VOR OR GPS RWY 12, AMDT 10	DATED 01/30/97