

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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	
GOTHE INT	AEL VOR/DME	334.77 / 8.89	2900	MAP: 4.64 MILES AFTER GROVY INT/5.00 DME OR AT JULBU/ 0.36 DME FIX
AEL VOR/DME	GROVY INT/ 5.00 DME	353.00 / 5.00	2900	
ALMAY INT (IAF)	CIBAY INT/ 11.00 DME (NOPT)	128.00 / 9.72 (HDG) & 173.00 / 5.57 (AEL R-353)	2900	CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 2900 DIRECT AEL VOR/DME AND HOLD.
KASPR INT (IAF)	CIBAY INT/ 11.00 DME (NOPT)	253.00 / 7.22 (HDG) & 173.00 / 4.12 (AEL R-353)	2900	
CIBAY INT/ 11.00 DME (IF)	GROVY INT/ 5.00 DME	173.00 / 6.00 (AEL R-353)	2900	

ADDITIONAL FLIGHT DATA:
 HOLD S, RT, 353.00 INBOUND.
 FAS OBST: 1490 AAO 434415N/0932421W
 FAS OBST: 1550 AAO 434626N/0932334W
 CHART: 1709 WINDMILL 434645N/0932453W
 CHART (DMLPI) AT INTERSECTION OF ALMAY DR LEG AND INTERMEDIATE COURSE.
 CHART (DMLOV) AT INTERSECTION OF KASPR DR LEG AND INTERMEDIATE COURSE.
 GROVY TO RW17: 3.23/50.
 FAC CROSSES RWY C/L EXTENDED 2909 FROM THLD.

- PT L SIDE OF COURSE 353.00 OUTBOUND 2900 FT WITHIN 10 MILES OF GROVY (IAF)
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- FAC 173.00 FAF GROVY INT/ 5.00 DME DIST FAF TO MAP 4.64 THLD 4.64
- MIN. ALT GROVY 2900, WAKNA INT/ 1.90 DME 1800*
- MSA FROM: AEL VOR/DME 3400

MAG VAR: 1E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: 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-17	1800	1	540	1800	1	540	1800	1 1/2	540	1800	1 1/2	540			
CIRCLING	1800	1	539	1800	1	539	1800	1 1/2	539	1820	2	559			
WAKNA FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED.)															
S-17	1740	1	480	1740	1	480	1740	1 3/8	480	1740	1 3/8	480			
CIRCLING	1780	1	519	1780	1	519	1780	1 1/2	519	1820	2	559			

NOTES:

CHART NOTE: CIRCLING TO RWY 5/23 NA AT NIGHT.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 *1860 WHEN USING AUSTIN ALTIMETER SETTING.
 (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE ALBERT LEA, MN	ELEVATION: 1261 THRE: 1260	FACILITY IDENTIFIER: AEL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	VOR RWY 16
	AIRPORT NAME: ALBERT LEA MUNI		VOR RWY 17, AMDT 1, 10/20/2011	AMDT	ORIG
			20 OCT 2011	DATE	01/18/2007

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUSTIN ALTIMETER SETTING AND INCREASE

ALL MDA 60 FEET; INCREASE S-17 CAT C/D VISIBILITY 1/4 MILE, AND WAKNA FIX MINIMUMS S-17 CAT C/D

VISIBILITY 1/8 MILE.



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				AMDT: ORIG
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