

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		MAP: 4.74 MILES AFTER GRFFN/VIO 10.99 DME/RADAR OR AT VIO 6.24 DME FIX									
VIO VOR/DME			TNMAN/VIO 15.99 DME/RADAR			355.02 / 15.99			2500		CLIMB TO 3000 DIRECT VIO VOR/DME AND HOLD.									
TNMAN/VIO 15.99 DME/RADAR (IF)			GRFFN/VIO 10.99 DME/RADAR			175.02 / 5.00 (VIO R-355)			2500											
										ADDITIONAL FLIGHT DATA: HOLD SW, RT, 058.66 INBOUND. CHART FAS OBST: 949 TOWER 425459N/0853239W CHART VDP AT 4.74 DME DISTANCE VDP TO THLD 1.19 MILES. GRFFN TO RW17: 3.32/45.										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																				
2. HOLD N TNMAN, LT, 175.02 INBOUND, 2500 FT. IN LIEU OF PT (IAF)																				
3. FAC 175.02 FAF GRFFN/VIO 10.99 DME/RADAR										DIST FAF TO MAP 4.74 THLD 4.74										
4. MIN. ALT TNMAN 2500, GRFFN 2500																				
8. MSA FROM: VIO VOR/DME 320-100 2400, 100-320 3000										MAG VAR: 4W EPOCH YEAR: 1995										
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		1200	1	411	1200	1	411	1200	1 1/4	411	1200	1 1/4	411							
CIRCLING		1280	1	486	1280	1	486	1280	1 1/2	486	1360	2	566							
NOTES:																				
CHART NOTE: DME OR RADAR REQUIRED.																				
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.																				
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.																				
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOLLAND ALTIMETER SETTING AND INCREASE																				
ALL MDA 80 FEET AND INCREASE S-17 CAT D VISIBILITY 1/4 MILE.																				
CITY AND STATE		ELEVATION: 794			TDZE: 789			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP					
GRAND RAPIDS, MI					AIRPORT NAME:			VIO		VOR RWY 17, ORIG-D					AMDT ORIG-C					
					GERALD R. FORD INTL					13 NOVEMBER 2014					DATE 10/5/2000					

