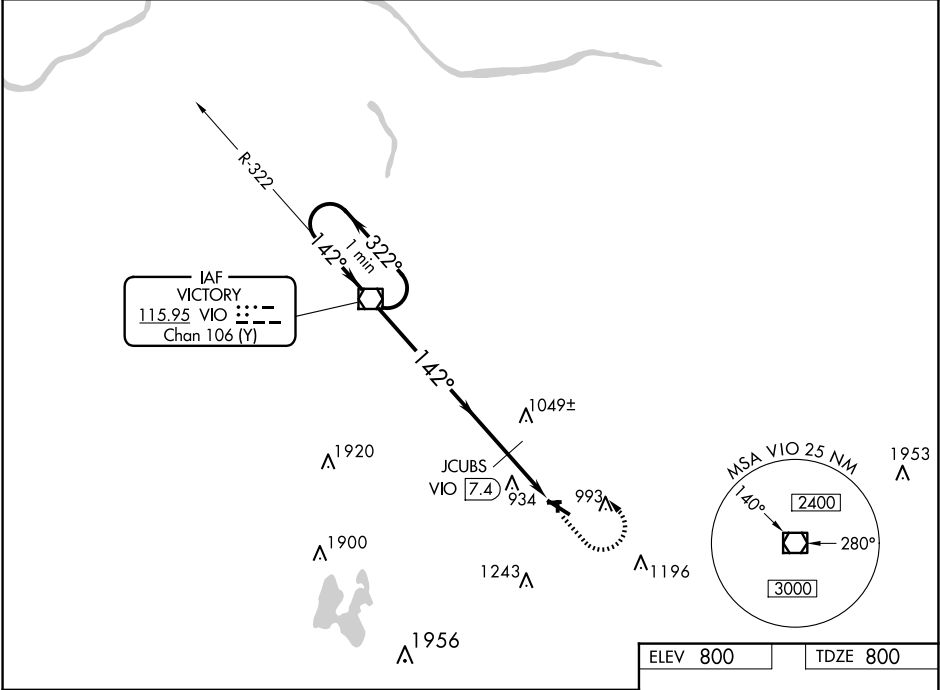


VOR/DME VIO	APP CRS	Rwy Idg	4763
115.95	142°	TDZE	800
Chan 106 (Y)		Apt Elev	800

VOR RWY 12

HASTINGS (9D9)

▼ ▲ NA Helicopter visibility reduction below ¾ SM NA. Use Grand Rapids altimeter setting; when not received, use Ionia altimeter setting and increase all MDA 20 feet. Increase JCUBS DME minimums S-12 Cat C visibility ½ mile. Circling NA to Rwy 9, 18, 27, 36.	MISSED APPROACH: Climb to 2000, then climbing left turn to 3000 on VIO VOR/DME R-142 to VIO VOR/DME and hold.	
GRR ASOS 118.725	GREAT LAKES APP CON ★ 128.4 257.6	UNICOM 123.075 (CTAF) 0



One Minute Holding Pattern		VIO VOR/DME	2000	3000	VIO
3000		322°	142°	142°	142°
		1660	JCUBS VIO 7.4	VIO 9.7	
		7.4 NM	2.3 NM		
CATEGORY	A	B	C	D	
S-12	1660-1 860 (900-1)	1660-1¼ 860 (900-1¼)	1660-2½ 860 (900-2½)	NA	
C CIRCLING	1660-1 860 (900-1)	1660-1¼ 860 (900-1¼)	1660-2½ 860 (900-2½)	NA	
JCUBS DME MINIMUMS					
S-12	1340-1	540 (600-1)	1340-1½ 540 (600-1½)	NA	
C CIRCLING	1380-1 580 (600-1)	1420-1 620 (700-1)	1440-1¾ 640 (700-1¾)	NA	

ELEV 800	TDZE 800
142° 9.7 NM from FAF 81 2380 X 170 0 36 5003 X 75 30	
MIRL Rwy 12-30 0	
REIL Rwy 12 and 30 0	
FAF to MAP 9.7 NM	
Knots	60 90 120 150 180
Min:Sec	9:42 6:28 4:51 3:53 3:14