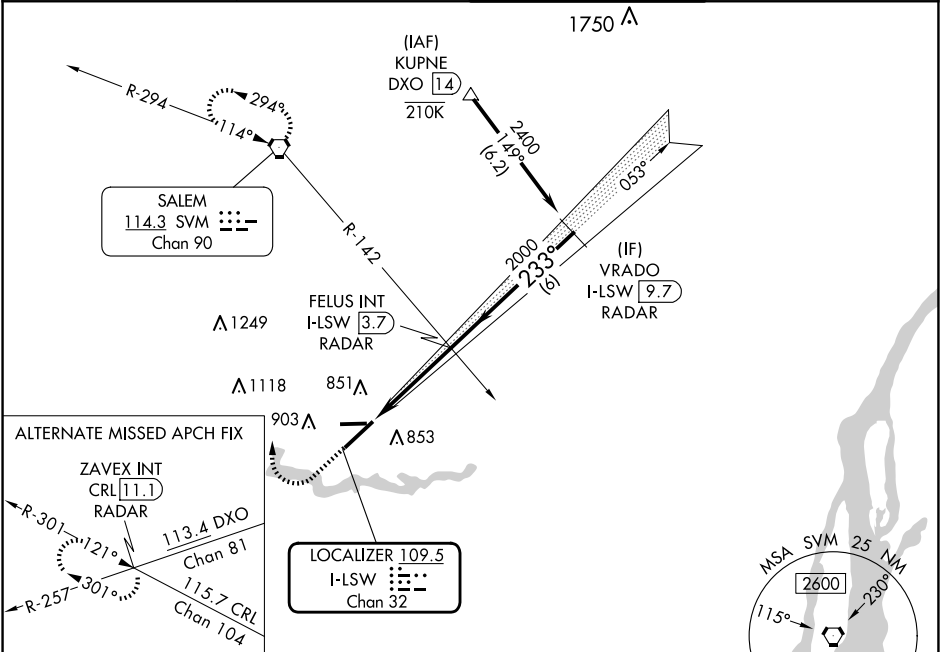


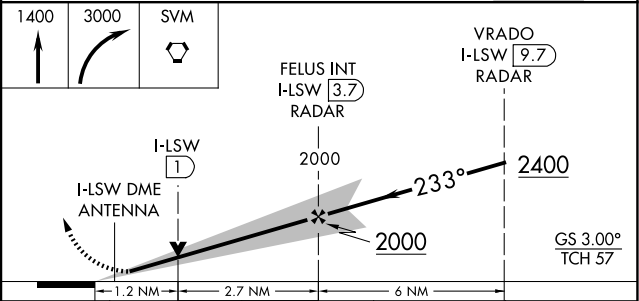
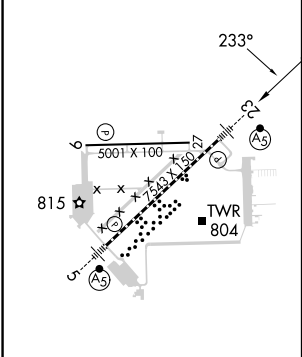
LOC/DME I-LSW 109.5 Chan 32	APP CRS 233°	Rwy Idg 7543 TDZE 710 Apt Elev 716	ILS or LOC RWY 23 WILLOW RUN (YIP)
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RNP APCH-GPS from KUPNE. RADAR or GPS required.	MALSR	MISSED APPROACH: Climb to 1400 then climbing right turn to 3000 direct SVM VORTAC and hold.
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ATIS 127.425	DETROIT APP CON 118.95 284.0	WILLOW RUN TOWER 125.275 256.9	GND CON 119.975
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ELEV 716	D	TDZE 710
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TDZ/CL Rwy 5 HIRL Rwy 5-23 MIRL Rwy 9-27				
FAF to MAP 3.9 NM				
Knots	60	90	120	150
Min:Sec	3:54	2:36	1:57	1:34
180	1:18			
CIRCLING	1220-1	504 (600-1)	1220-1½	1400-2¼
			504 (600-1½)	684 (700-2¼)