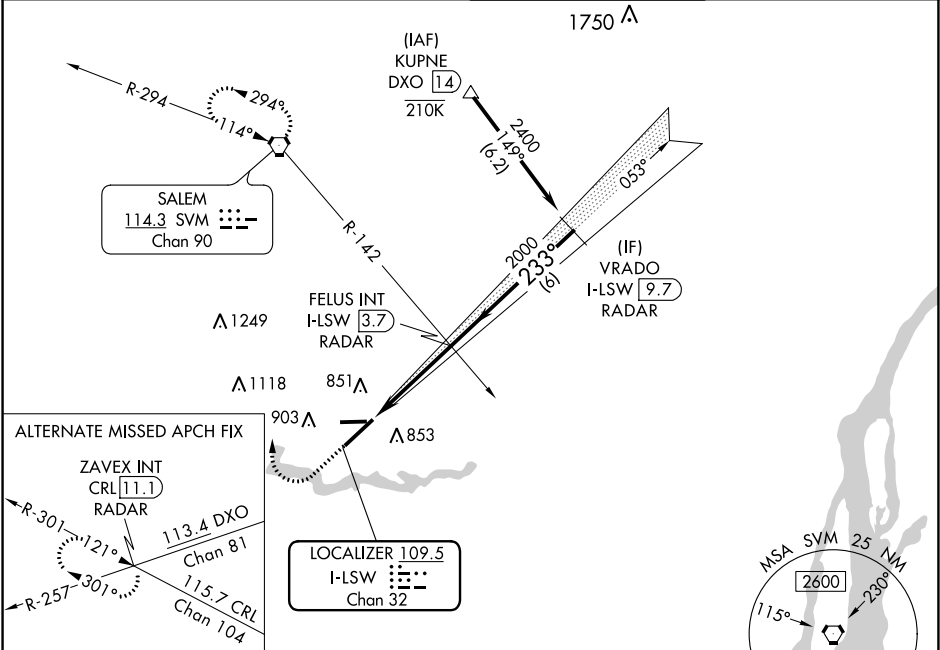


LOC/DME I-LSW 109.5 Chan 32	APP CRS 233°	Rwy Idg 7543 TDZE 710 Apt Elev 716
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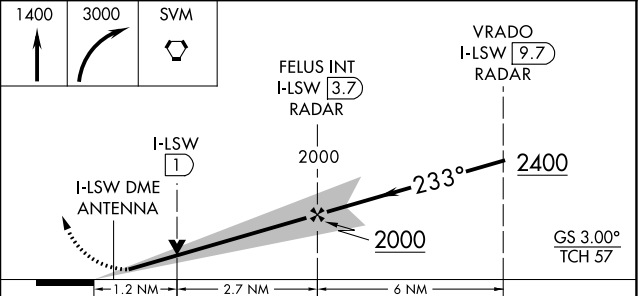
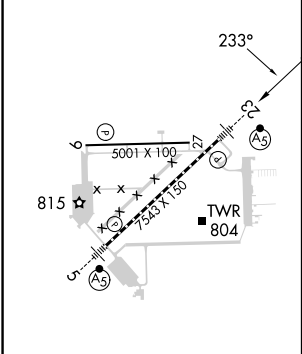
ILS or LOC RWY 23
WILLOW RUN (YIP)

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		CATEGORY	A		B		C		D	
		S-ILS 23	910-1/2				200 (200-1/2)			
		S-LOC 23	1140-1/2 430 (500-1/2)				1140-3/4 430 (500-3/4)			
		C CIRCLING	1220-1 504 (600-1)				1220-1 1/2 504 (600-1 1/2) 1400-2 1/4 684 (700-2 1/4)			
Knots	60	90	120	150	180					
Min:Sec	3:54	2:36	1:57	1:34	1:18					