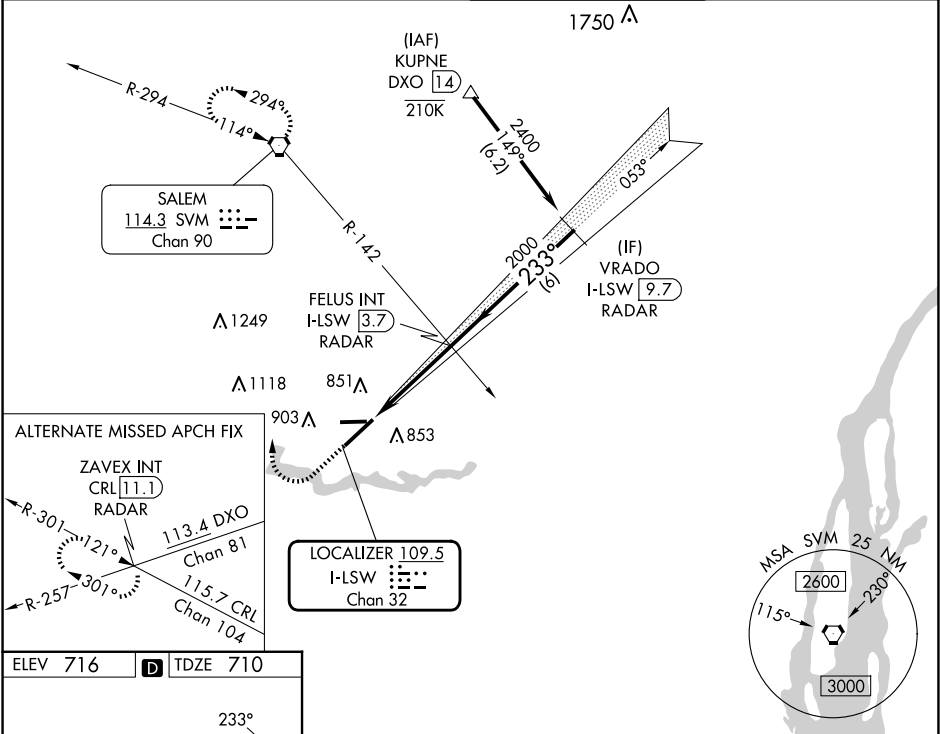


LOC/DME I-LSW 109.5 Chan 32	APP CRS 233°	Rwy Idg 7543 TDZE 710 Apt Elev 716
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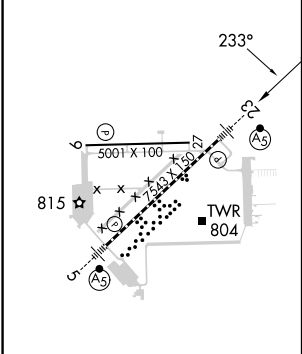
ILS or LOC RWY 23
WILLOW RUN (YIP)

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					
Knots	60	90	120	150	180
Min:Sec	3:54	2:36	1:57	1:34	1:18

1400 3000 SVM				VRADO I-LSW 9.7 RADAR			
FELUS INT I-LSW 3.7 RADAR I-LSW 1 I-LSW DME ANTENNA				2000 233° 2400 GS 3.00° TCH 57'			
1.2 NM 2.7 NM 6 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		1400-2 1/4 504 (600-1 1/2) 684 (700-2 1/4)