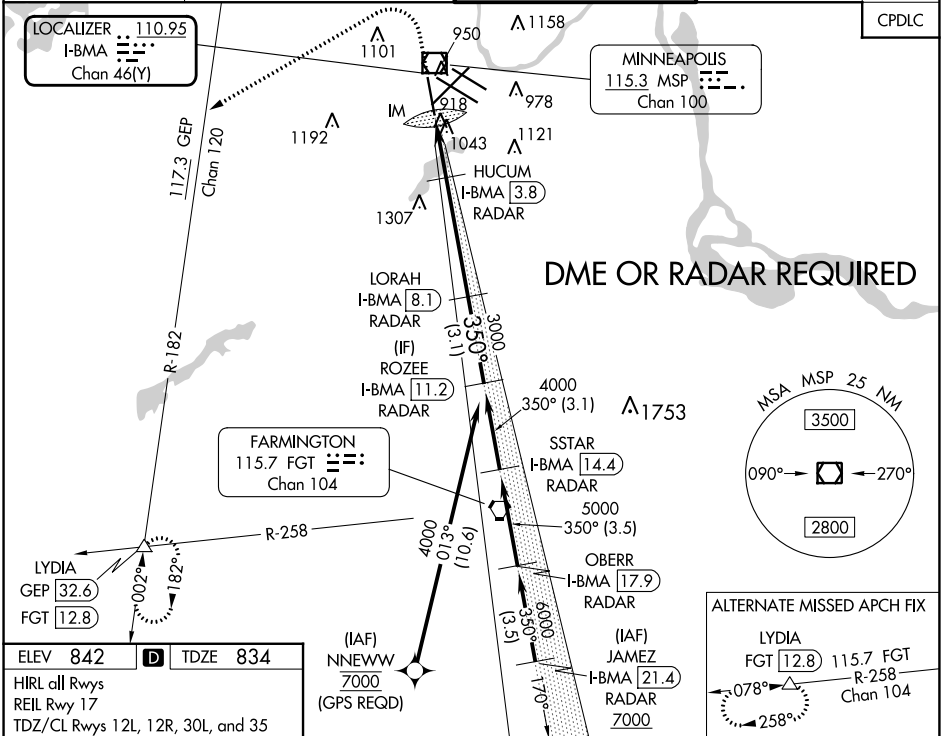


LOC/DME I-BMA 110.95 Chan 46 (Y)	APP CRS 350°	Rwy ldg TDZE Apt Elev	8000 834 842
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ILS Z or LOC RWY 35

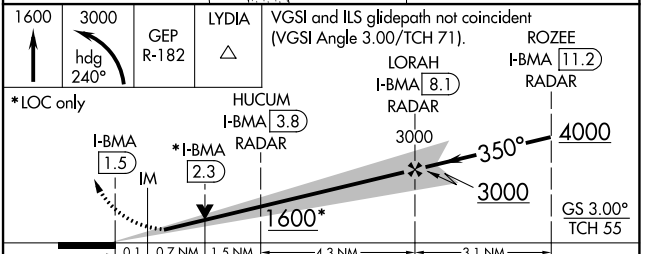
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

<p>V DME or RADAR required. For inop ALS, increase S-ILS 35 Cat E visibility to RVR 4000 and S-LOC 35 Cats C/D/E visibility to RVR 5500.</p> <p>A ALSF-2</p>	<p>MISSED APPROACH: Climb to 1600 then climbing left turn to 3000 on heading 240° and on GEP VORTAC R-182 to LYDIA INT/GEP 32.6 DME and hold.</p>		<p>CLNC DEL 133.2</p>
	<p>D-ATIS ARR 135.35 239.275 DEP 120.8</p>	<p>MINNEAPOLIS APP CON 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17) 126.95 335.65 (12R-30L)</p>	



ELEV 842	D	TDZE 834
HIRL all Rwy's		
REIL Rwy 17		
TDZ/CL Rwy's 12L, 12R, 30L, and 35		

FAF to MAP 6.6 NM					
Knots	60	90	120	150	180
Min:Sec	6:36	4:24	3:18	2:38	2:12



CATEGORY	A	B	C	D	E
S-ILS 35	1034/18 200 (200-1/2)				
S-LOC 35	1180/24	346 (400-1/2)	1180/30 346 (400-5/8)		
C CIRCLING	1360-1	518 (600-1)	1460-1 3/4	1660-2 3/4	1800-3
			618 (700-1 1/4)	818 (900-2 3/4)	958 (1000-3)