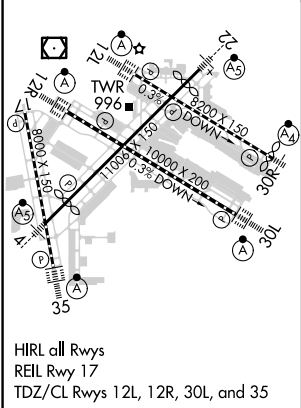
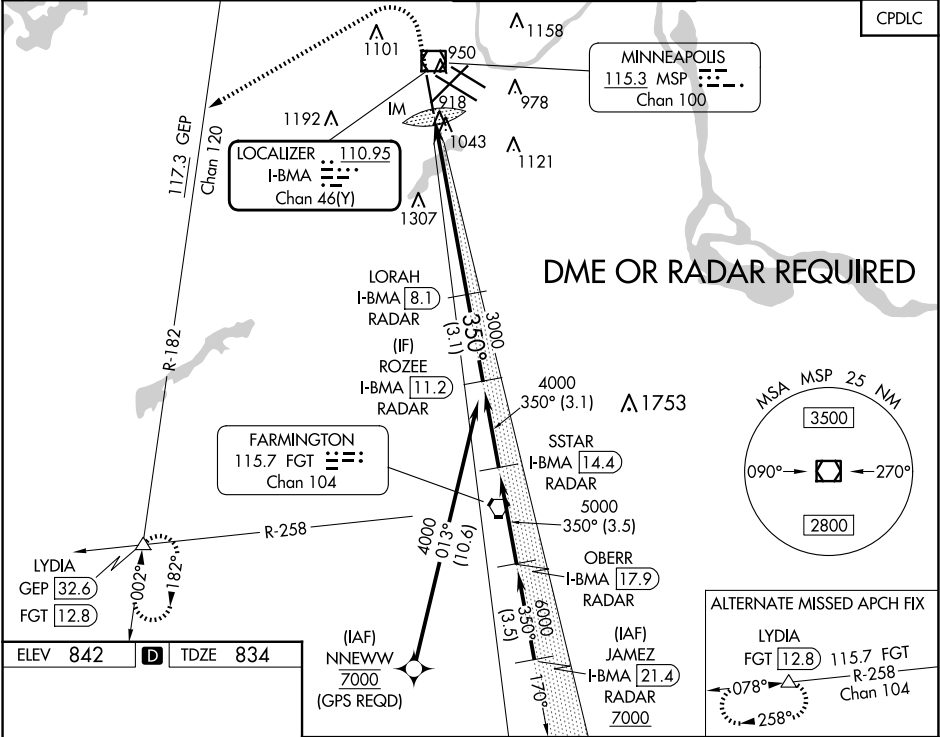


LOC/DME I-BMA	APP CRS	Rwy Idg	8000
110.95	350°	TDZE	834
Chan 46 (Y)		Apt Elev	842

ILS RWY 35 (SA CAT I)

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

	DME or RADAR required. Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.		ALSf-2	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.	
	D-ATIS	MINNEAPOLIS APP CON	MINNEAPOLIS TOWER	GND CON	CLNC DEL
ARR	135.35 239.275	118.725 335.65 (Rwy 35)	123.675 273.55 (17-35)	N 121.8 348.6	
		119.3 335.65 (12L-30R, 4-22, 17)	123.95 273.55 (12L-30R)	S 121.9 348.6	
DEP	120.8	126.95 335.65 (12R-30L)	126.7 273.55 (12R-30L, 4-22)	W 127.925 348.6	



1600	3000	GEP R-182	LYDIA △	
↑	hdg 240°			
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).				
The diagram illustrates the approach path for Category I ILS. It shows a 3000 ft glide path (solid line) and a 350° heading (dashed line). The glide path is 3.00° above the horizontal, and the heading is 350°. The distance from the start of the glide path to the 3000 ft point is 6.6 NM. The distance from the 3000 ft point to the 4000 ft point is 3.1 NM. The total distance from the start of the glide path to the 4000 ft point is 9.7 NM. The diagram also shows the 1050 ft point and the 3000 ft point. The 3000 ft point is marked with a 3000 ft callout. The 4000 ft point is marked with a 4000 ft callout. The 350° heading is marked with a 350° callout. The 3.00° glide path angle is marked with a 3.00° callout. The TCH 55 is marked with a TCH 55 callout. The diagram also shows the 1050 ft point and the 3000 ft point. The 3000 ft point is marked with a 3000 ft callout. The 4000 ft point is marked with a 4000 ft callout. The 350° heading is marked with a 350° callout. The 3.00° glide path angle is marked with a 3.00° callout. The TCH 55 is marked with a TCH 55 callout.				
LORAH I-BMA 8.1 RADAR				
ROZEE I-BMA 11.2 RADAR				
GS 3.00° TCH 55				
CATEGORY	A	B	C	D
S-ILS 35	RA 157/14 150 DA 984			
SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED				