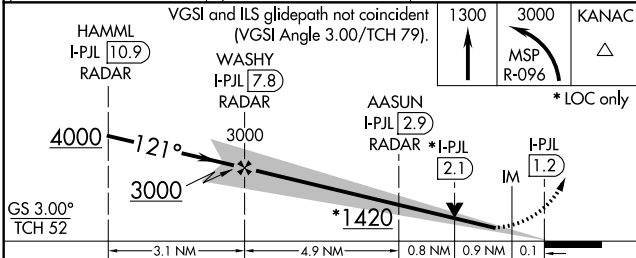
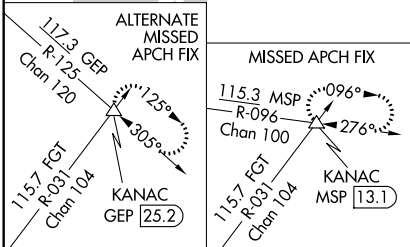
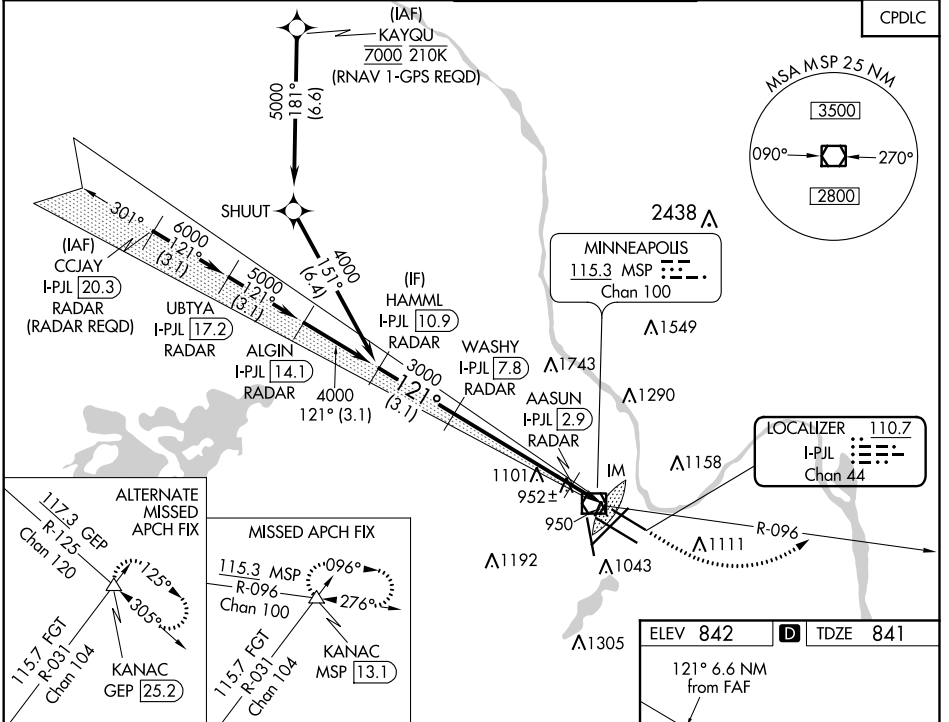


LOC/DME I-PJL 110.7 Chan 44	APP CRS 121°	Rwy Idg TDZE Apt Elev	7620 841 842
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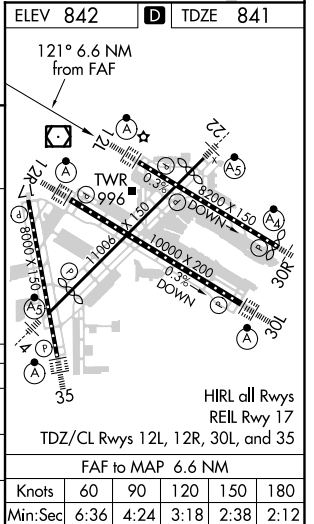
ILS or LOC RWY 12L

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

⚠ Simultaneous approach authorized with Rwy 12R. For inop ALS, increase S-ILS 12L Cat E visibility to RVR 4000, S-LOC 12L Cat C/D/E visibility to RVR 5500. DME or RADAR required.	ALS F-2	MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 on MSP VOR/DME R-096 to KANAC INT/MSP 13.1 DME and hold.			
	<table border="1"> <tr> <td>D-ATIS ARR 135.35 239.275 DEP 120.8</td> <td>MINNEAPOLIS APP CON 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17) 126.95 335.65 (12R-30L)</td> <td>MINNEAPOLIS TOWER 123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22)</td> <td>GND CON N 121.8 348.6 S 121.9 348.6 W 127.925 348.6</td> <td>CLNC DEL 133.2</td> </tr> </table>	D-ATIS ARR 135.35 239.275 DEP 120.8	MINNEAPOLIS APP CON 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17) 126.95 335.65 (12R-30L)	MINNEAPOLIS TOWER 123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22)	GND CON N 121.8 348.6 S 121.9 348.6 W 127.925 348.6
D-ATIS ARR 135.35 239.275 DEP 120.8	MINNEAPOLIS APP CON 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17) 126.95 335.65 (12R-30L)	MINNEAPOLIS TOWER 123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22)	GND CON N 121.8 348.6 S 121.9 348.6 W 127.925 348.6	CLNC DEL 133.2	



CATEGORY	A	B	C	D	E
S-ILS 12L	1041/18 200 (200-½)				
S-LOC 12L	1220/24	379 (400-½)	1220/35 379 (400-¾)		
C CIRCLING	1360-1 518 (600-1)	1460-1¾	1660-2¾	1800-3	618 (700-1¾) 818 (900-2¾) 958 (1000-3)



NC-1, 23 MAY 2019 to 20 JUN 2019

NC-1, 23 MAY 2019 to 20 JUN 2019