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

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.

ALSF-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.

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	133.2
DEP 120.8	119.3 335.65 (12L-30R, 4-22, 17)	123.95 273.55 (12L-30R)	S 121.9 348.6	
	126.95 335.65 (12R-30L)	126.7 273.55 (12R-30L, 4-22)	W 127.925 348.6	CPDLC

(IAF) KAYQU 7000 210K (RNAV 1-GPS REQD)

5000 181° (6.6)

SHUUT

(IAF) CCJAY I-PJL 20.3 RADAR (RADAR REQD)

UBTYA I-PJL 17.2 RADAR

ALGIN I-PJL 14.1 RADAR

(IF) HAMML I-PJL 10.9 RADAR

WASHY I-PJL 7.8 RADAR

AASUN I-PJL 2.9 RADAR

IM

301° 6000 121° (3.1)

5000 121° (3.1)

4000 121° (3.1)

151° (6.4) 4000

3000 121° (3.1)

MSA MSP 25 NM: 3500; 090°–270°; 2800

MINNEAPOLIS 115.3 MSP Chan 100

LOCALIZER 110.7 I-PJL Chan 44

2438 1549 1743 1290 1158 1101 952± 950 978 1192 1043 1121 1307

R-096

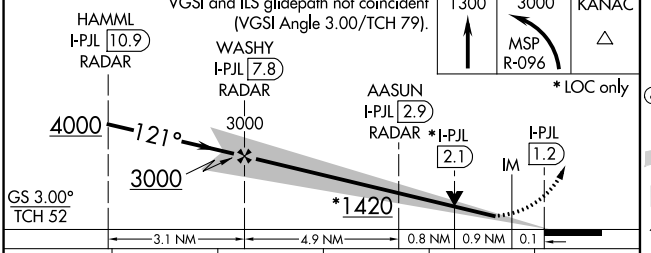
ALTERNATE MISSED APCH FIX: 117.3 GEP R-125 Chan 120; 125° 305°; 115.7 FGT R-031 Chan 104; KANAC GEP 25.2

MISSED APCH FIX: 115.3 MSP R-096 Chan 100; 096° 276°; 115.7 FGT R-031 Chan 104; KANAC MSP 13.1

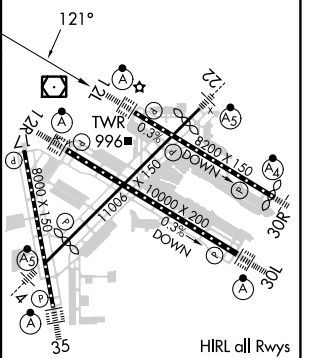
VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 79).

1300 | 3000 MSP R-096 | KANAC

* LOC only



ELEV 842 D TDZE 841



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 (400-⅝)		
C CIRCLING	1360-1 518 (600-1)		1460-1¾ 618 (700-1¾)	1660-2¾ 818 (900-2¾)	1800-3 958 (1000-3)

FAF to MAP 6.6 NM

Knots	60	90	120	150	180
Min:Sec	6:36	4:24	3:18	2:38	2:12

NC-1, 11 JUL 2024 to 08 AUG 2024
NC-1, 11 JUL 2024 to 08 AUG 2024