

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

ILS RWY 12L (CAT II & III)

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

Simultaneous approach authorized with Rwy 12R.
CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.
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	

The main diagram illustrates the ILS approach for Runway 12L. It shows the glide path starting from the final approach fix (IM) at 938 feet, climbing to 1300 feet, then turning left to 3000 feet on the MSP VOR/DME R-096 radial to the KANAC intersection at 13.1 DME. The diagram includes various navigational aids such as the IAF (IAF KAYQU 7000 210K), SHUUT, and HAMML. It also shows the MSA (Minimum Safe Altitude) for MSP at 25 NM, with altitudes of 3500 and 2800 feet. The diagram includes a compass rose showing the 090° to 270° range. The diagram also shows the LOCALIZER frequency of 110.7 MHz on Channel 44. The diagram includes the ELEV 842 and TDZE 841 information.

This diagram shows the VGSI and ILS glidepaths not coincident. The VGSI angle is 3.00°/TCH 79°. The ILS glidepath is 3.00°/TCH 52. The diagram shows the HAMML I-PJL 10.9 RADAR and the WASHY I-PJL 7.8 RADAR. The diagram includes the 4000 and 3000 foot altitudes. The diagram shows the 3.1 NM and 6.6 NM distances. The diagram includes the 1345° angle.

This diagram shows the ILS approach with various navigational aids. It includes the IAF (IAF KAYQU 7000 210K), SHUUT, and HAMML. It also shows the MSA (Minimum Safe Altitude) for MSP at 25 NM, with altitudes of 3500 and 2800 feet. The diagram includes a compass rose showing the 090° to 270° range. The diagram also shows the LOCALIZER frequency of 110.7 MHz on Channel 44. The diagram includes the ELEV 842 and TDZE 841 information.

CATEGORY II & III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

HIRL all Rwys
REIL Rwy 17
TDZ/CL Rwys 12L, 12R, 30L, and 35

MINNEAPOLIS, MINNESOTA
Amdt 11 05JAN17

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)
44°53'N-93°13'W
ILS RWY 12L (CAT II & III)

NC-1, 08 SEP 2022 to 06 OCT 2022

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