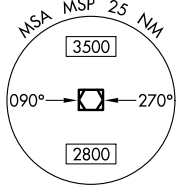


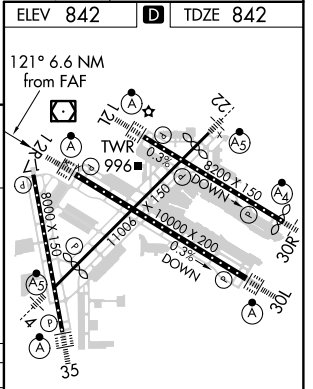
ILS or LOC RWY 12R
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

ALSF-2

CPDLC



NC-1, 27 JAN 2022 to 24 FEB 2022



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