NC-1,

27 JAN 2022

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24 FEB

WAAS 7620 Rwy Idg APP CRS CH 45525 TDŹE 841 121° W12B 842 Apt Elev

RNAV (GPS) Z RWY 12L MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Simultaneous approach authorized with Rwy 12R. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. DME/DME RNP-0.3 NA. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 11/4 SM, LNAV Cats C/D/E visibility to RVR 6000

MISSED APPROACH: ALSF-2 Climb to 1300, then climbing left turn to 3000 direct KANAC and hold.

MINNEAPOLIS APP CON MINNEAPOLIS TOWER GND CON CLNC DEI ARR 135.35 239.275 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17 **123.675 273.55** (17-35) **123.95 273.55** (12L-30R) N 121.8 348.6 S 121.9 348.6 133.2 DEP 120.8 W 127 925 348 6 126.95 335.65 (12R-30L) 126.7 273.55(12R-30L, 4-22 (IAF) **CPDLC** KAYQU 7000 210K RW12L 25 0000 181° 6.6) 3500 \Diamond (IAF) SHUUT CCJAY ∴ 2438 **UBTYA** 6000 121° (3.1) 5000 (IF) HAMML A 1549 121° (3.1) ALGIN **∧** 1743 4000 (FAF) 121° (3.1) $\Lambda 1290$ WASHY **AASUN** 1.7 NM to RW12L **∧**1158 RW12L 4 NM 950 **∧** 978 1192 1192 1043^ KANAC **`**1121 **ELEV** 842 **TDZE** 841 Λ^{1307} 121° to VGSI and RNAV glidepath not coincident 1300 3000 KANAC RW12L (VGSI Angle 3.00/TCH 79). Δ WASHY **AASUN** *LNAV only 4000 1.7 NM to 3000 RW12L *1.1 NM to

1360-1 518 (600-1)

C CIRCLING

TDZ/CL Rwys 12L, 12R, 30L, and 35

618 (700-134) 818 (900-234) 958 (1000-3)