# NRTHN ONE DEPARTURE (RNAV)

(NRTHN1.NRTHN) 29OCT26

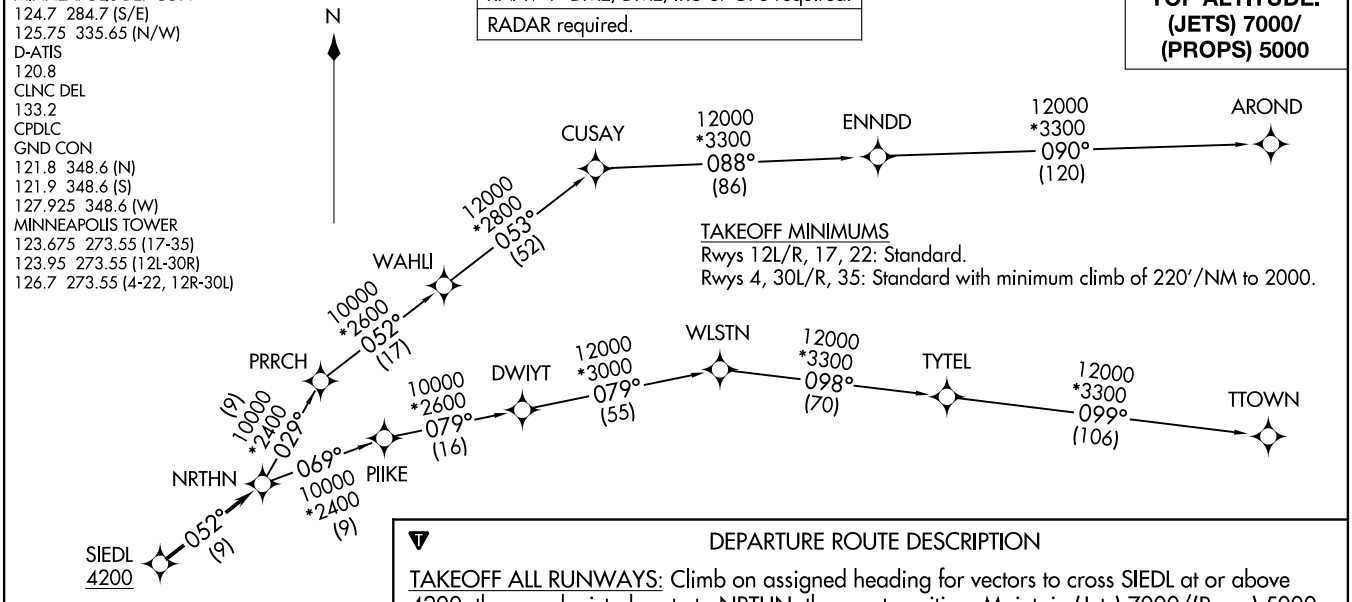
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

MINNEAPOLIS, MINNESOTA

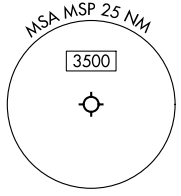
MINNEAPOLIS DEP CON
124.7 284.7 (S/E)
125.75 335.65 (N/W)
D-ATIS
120.8
CLNC DEL
133.2
CPDLC
GND CON
121.8 348.6 (N)
121.9 348.6 (S)
127.925 348.6 (W)
MINNEAPOLIS TOWER
123.675 273.55 (17-35)
123.95 273.55 (12L-30R)
126.7 273.55 (4-22, 12R-30L)

RNAV 1- DME/DME/IRU or GPS required.
RADAR required.

**TOP ALTITUDE: (JETS) 7000/ (PROPS) 5000**




TAKEOFF MINIMUMS
Rwys 12L/R, 17, 22: Standard.
Rwys 4, 30L/R, 35: Standard with minimum climb of 220'/NM to 2000.




NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Climb on assigned heading for vectors to cross SIEDL at or above 4200, then on depicted route to NRTHN, then on transition. Maintain (Jets) 7000/(Props) 5000, expect filed altitude 10 minutes after departure.

ALL AIRCRAFT: ATC climb gradients: If unable to accept climb gradients advise ATC prior to taxi.
RUNWAYS 12L/R: 495'/NM to 3500.
RUNWAY 17: 470'/NM to 3500.
RUNWAY 30L: 455'/NM to 4000.
RUNWAY 30R: 430'/NM to 4000.
RUNWAY 35: 445'/NM to 4000.

AROND TRANSITION (NRTHN1.AROND)
TTOWN TRANSITION (NRTHN1.TTOWN)

(NRTHN1.NRTHN) 26302

NRTHN ONE DEPARTURE (RNAV)

AL-264 (FAA)

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

MINNEAPOLIS, MINNESOTA