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NC-1, 18 MAY 2023

D-ATIS DEP

## SMERF SEVEN DEPARTURE (RNAV) AL-264 (FAA)

MINNEAPOLIS, MINNESOTA TOP ALTITUDE:

(JETS) 7000/

(PROPS) 5000

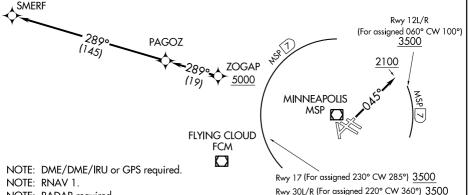
120.8 CLNC DEL 133.2 **CPDLC** MINNEAPOLIS TOWER 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22) 123.675 273.55 (17-35) MINNEAPOLIS DEP CON SOUTH/EAST 124.7 335.65 NORTH/WEST 125.75 335.65

## TAKEOFF MINIMUMS

Rwys 4, 12R, 17, 22, 30L/R: Standard.

Rwy 12L: 300-1½ or standard with minimum climb of 207′ per NM to 1100. or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later that 1300' prior

Rwy 35: Standard with minimum climb of 219' per NM to 2100.



NOTE: RADAR required.

NOTE: Chart not to scale.

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15 JUN 2023

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 4: Climb heading 045° to 2100. Thence . . . .

TAKEOFF RUNWAYS 12L/R: For assigned headings from 060° clockwise to 100°, cross MSP VOR/DME 7 DME Arc at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence . . . .

TAKEOFF RUNWAY 17: For assigned headings from 230° clockwise to 285°, cross MSP VOR/DME 7 DME Arc at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence . . . .

TAKEOFF RUNWAYS 22, 35: Climb on assigned heading for RADAR vectors. Thence . .

TAKEOFF RUNWAYS 30L/R: For assigned headings from 220° clockwise to 360°, cross MSP VOR/DME 7 DME Arc at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence . . . .

. . . . expect RADAR vectors to cross ZOGAP at or above 5000, then on track 289° to PAGOZ and on track 289° to SMERF, turbojet aircraft maintain 7000 or lower assigned altitude, all other aircraft maintain 5000 or lower assigned altitude. Expect filed altitude/ flight level ten minutes after departure.

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MINNEAPOLIS, MINNESOTA