

MINNEAPOLIS DEP CON
 SOUTH/EAST 124.7 335.65
 NORTH/WEST 125.75 335.65
 D-ATIS DEP 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)

DME Aircraft Rws 12L/R
 (assigned 060° CW 100°)
3500

Non DME Aircraft Rws 12L/R
 (assigned 060° CW 100°)
3500

FARMINGTON
 115.7 FGT
 Chan 104

MINNEAPOLIS
 115.3 MSP
 Chan 100

ST. CLOUD
 112.1 STC
 Chan 58

Rws 30L/R
 (assigned 220° CW 360°)
3500

FLYING CLOUD
 117.7 FCM
 Chan 124

Rwy 17
 (assigned 230° CW 285°)
3500

DARWIN
 109.0 DWN
 Chan 27

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

10000
 *3800
 271°
 (167)

ABERDEEN
 113.0 ABR
 Chan 77

TAKEOFF MINIMUMS

Rws 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 than
 1300' prior to DER.

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

NOTE: RADAR required.

NOTE: Chart not to scale.

(CONTINUED ON FOLLOWING PAGE)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF ALL RUNWAYS: Fly assigned heading for RADAR vectors to intercept MSP R-281 and DWN R-095 to DWN VORTAC. Turbojet aircraft maintain 7000 or lower assigned altitude. All other aircraft maintain 5000 or lower assigned altitude.

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

NON-DME EQUIPPED AIRCRAFT RUNWAYS 12L/R DEPARTURES: For assigned headings from 060° clockwise to 100°, cross FGT R-010 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 7 DME at or above 3500, maintain assigned altitude. If unable to comply, advise ATC as soon as possible prior to departure. Thence

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

TAKEOFF RUNWAYS 4, 22, 35: Initially assigned heading, thence

. . . . then on transition or assigned route. Expect clearance to filed altitude/flight level 10 (ten) minutes after departure.

ABERDEEN TRANSITION (DWN8.ABR): From over DWN VORTAC on DWN R-271 and ABR R-088 to ABR VOR/DME.