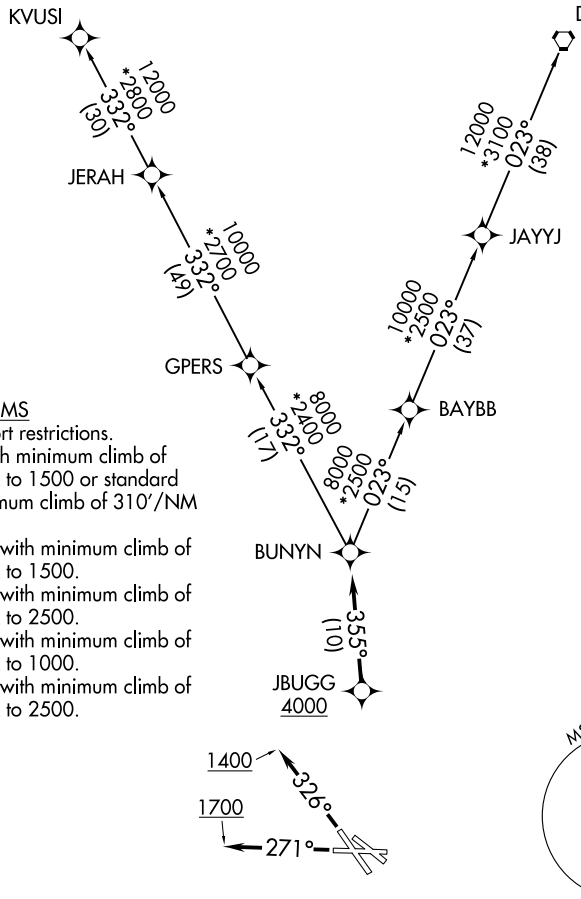
BUNYN ONE DEPARTURE (RNAV)

MINNEAPOLIS DEP CON
121.2 335.65
ATIS
118.35
CLNC DEL
121.675
GND CON
121.675
ST PAUL TOWER ★
119.1 257.8

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

TOP ALTITUDE: ASSIGNED BY ATC



TAKEOFF MINIMUMS
Rwy 31: NA-Airport restrictions.
Rwy 9: 400-2 with minimum climb of 280′/NM to 1500 or standard with minimum climb of 310′/NM to 1400.
Rwy 13: Standard with minimum climb of 270′/NM to 1500.
Rwy 14: Standard with minimum climb of 220′/NM to 2500.
Rwy 27: Standard with minimum climb of 380′/NM to 1000.
Rwy 32: Standard with minimum climb of 350′/NM to 2500.

NOTE: Chart not to scale.

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 9, 13, 14: Climb on assigned heading for vectors to JBUGG, thence. . .
TAKEOFF RUNWAY 27: Climb on heading 271° to 1700 for vectors to JBUGG, thence. . .
TAKEOFF RUNWAY 32: Climb on heading 326° to 1400 for vectors to JBUGG, thence. . .

. . .cross JBUGG at or above 4000, then on track 355° to BUNYN, then on transition. Maintain ATC assigned altitude. Expect filed altitude 10 minutes after departure.

DULUTH TRANSITION (BUNYN1.DLH)
KVUSI TRANSITION (BUNYN1.KVUSI)

NC-1, 29 OCT 2026 to 26 NOV 2026
NC-1, 29 OCT 2026 to 26 NOV 2026