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## DEPARTURE ROUTE DESCRIPTION

SEE ADDITIONAL REQUIREMENTS IN RNAV DEPARTURE AAUP.

**TAKEOFF RUNWAY 3L:** Climb on heading 036° to intercept course 070° to cross BESST at or above 2500 and at or below 230K, then on track 128° to cross SWNDL at or below 7000, then on track 212° to WERKN, then on track 243° to JWELS, thence...

**TAKEOFF RUNWAY 3R:** Climb on heading 036° to intercept course 064° to cross BESST at or above 2500 and at or below 230K, then on track 128° to cross SWNDL at or below 7000, then on track 212° to WERKN, then on track 243° to JWELS, thence...

**TAKEOFF RUNWAY 4L:** Climb on heading 036° to intercept course 347° to cross NITRN at or above 2500 and at or below 230K, then on track 304° to FERRM, then on track 259° to cross AVERL at or below 7000, then on track 199° to OGEEZ, then on track 196° to JWELS, thence...

**TAKEOFF RUNWAY 4R:** Climb on heading 036° to intercept course 339° to cross NITRN at or above 2500 and at or below 230K, then on track 304° to FERRM, then on track 259° to cross AVERL at or below 7000, then on track 199° to OGEEZ, then on track 196° to JWELS, thence....

**TAKEOFF RUNWAY 21L:** Climb on heading 216° to intercept course 204° to SERGY, then on track 223° to cross HOPPZ at or below 7000, then on track 225° to JWELS, thence....

**TAKEOFF RUNWAY 21R:** Climb on heading 216° to intercept course 203° to SERGY, then on track 223° to cross HOPPZ at or below 7000, then on track 225° to JWELS, thence....

**TAKEOFF RUNWAY 22L:** Climb on heading 216° to 1146, then direct BOOSE, then on track 226° to cross RATIO at or below 7000, then on track 215° to JWELS, thence....

**TAKEOFF RUNWAY 22R:** Climb on heading 216° to 1146, then direct EERI, then on track 224° to cross RATIO at or below 7000, then on track 215° to JWELS, thence....

**TAKEOFF RUNWAYS 27L/27R:** Climb on heading 276° or as assigned by ATC, for RADAR vectors to JWELS, thence....

....on track 218° to SNDRS, then on (transition). Maintain 17000, expect filed altitude 10 minutes after departure.

**BGHRT TRANSITION (SNDRS3.BGHRT):**

**TORRR TRANSITION (SNDRS3.TORRR):**