

(EMMYS8.ZIRKL) 21168
EMMYS EIGHT DE

DENVER INTL (DEN)
DENVER, COLORADO

7

Diagram illustrating a flight path or navigation route through the Los Angeles area, showing various airports, navigation aids, and flight procedures.

Key Locations and Altitudes:

- NUGGS (Altitude 10000)
- HIDEF (Altitude 10000)
- BRSTO (Altitude 12000)
- TIGHT (Altitude 10000)
- HAAHN (Altitude 12000)
- GASSS (Altitude 14000)
- SNIPR (Altitude 14000)
- EMMYS (Altitude 14000)
- ZIRKL (Altitude 14000)
- TWEDT (Altitude 12000)
- KIDNG (Altitude 10000)
- GISTT (Altitude 7000)

Flight Path Details:

- From NUGGS, the path proceeds to HIDEF (080°/10), then to BRSTO (098°/9), then to GASSS (092°/14), then to SNIPR (077°/5), then to EMMYS (077°/5), then to ZIRKL (073°/110).
- From HIDEF, the path proceeds to TIGHT (082°/6), then to HAAHN (082°/17), then to GASSS (073°/11), then to SNIPR (077°/5), then to EMMYS (077°/5), then to ZIRKL (073°/110).
- From TIGHT, the path proceeds to HAAHN (082°/17), then to GASSS (073°/11), then to SNIPR (077°/5), then to EMMYS (077°/5), then to ZIRKL (073°/110).
- From HAAHN, the path proceeds to GASSS (073°/11), then to SNIPR (077°/5), then to EMMYS (077°/5), then to ZIRKL (073°/110).
- From GASSS, the path proceeds to SNIPR (077°/5), then to EMMYS (077°/5), then to ZIRKL (073°/110).
- From SNIPR, the path proceeds to EMMYS (077°/5), then to ZIRKL (073°/110).
- From EMMYS, the path proceeds to ZIRKL (073°/110).
- From ZIRKL, the path proceeds to TWEDT (073°/11), then to KIDNG (065°/9), then to GISTT (118°/127), then to GISTT (118°/127).
- From GISTT, the path proceeds to TWEDT (073°/11), then to KIDNG (065°/9), then to GISTT (118°/127), then to GISTT (118°/127).
- From TWEDT, the path proceeds to KIDNG (065°/9), then to GISTT (118°/127), then to GISTT (118°/127).
- From KIDNG, the path proceeds to GISTT (118°/127), then to GISTT (118°/127).
- From GISTT, the path proceeds to TWEDT (073°/11), then to KIDNG (065°/9), then to GISTT (118°/127), then to GISTT (118°/127).

TAKEOFF MINIMUMS

Rwys 7, 26: NA-ATC.

Rwy 8: Standard with minimum climb of 400' per NM to 5934 then minimum climb of 260' per NM to 14000.

Rwy 16L: Standard with minimum climb of 250' per NM to 8700 then minimum climb of 215' per NM to 14000.

Rwy 16R: Standard with minimum climb of 450' per NM to 5934 then minimum climb of 215' per NM to 14000.

Rwy 17L: Standard with minimum climb of 465' per NM to 5934 then minimum climb of 215' per NM to 14000.

Rwys 7, 26: NA-ATC.

Rwy 8:	Standard with minimum climb of 400' per NM to 5934 then minimum climb of 260' per NM to 14000.
Rwy 16L:	Standard with minimum climb of 250' per NM to 8700.
Rwy 16R:	Standard with minimum climb of 450' per NM to 5934 then minimum climb of 215' per NM to 14000.
Rwy 17L:	Standard with minimum climb of 465' per NM to 5934 then minimum climb of 280' per NM to 9300.
Rwy 17R:	Standard with minimum climb of 465' per NM to 5934 then minimum climb of 235' per NM to 14000.
Rwy 25:	Standard with minimum climb of 400' per NM to 5934.
Rwys 34L/R:	Standard with minimum climb of 500' per NM to 5934 then minimum climb of 220' per NM to 14000.
Rwy 35L:	Standard with minimum climb of 320' per NM to 5934 then minimum climb of 220' per NM to 14000.
Rwy 35R:	Standard with minimum climb of 285' per NM to 9000.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

EMMYS EIGHT DEPARTURE (RNAV)
(EMMYS8.ZIRKL) 17JUN21

DENVER, COLORADO
DENVER INTL (DEN)



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 8: Climb on heading 083° to 5934, then direct to cross TIGHT at or below 10000, then on track 082° to cross HAAHN at or below 12000, then on track 082° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAYS 16L/R, 17R: Climb on heading 173° to intercept course 118° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR , then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 17L: Climb on heading 173° to intercept course 127° to cross GISTT at or above 7000, then on track 065° to cross KIDNG at or below 10000, then on track 073° to TWEDT, then on track 073° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 25: Climb on heading 263° to 5934, then continue climb on heading 263° or as assigned by ATC for RADAR vectors to EMMYS, thence. . . .

TAKEOFF RUNWAYS 34L/R: Climb on heading 353° to intercept course 059° to NUGGS then on track 080° to cross HIDEF at/below 10000, then on track 098° to cross BRSTO at/or below 12000, then on track 092° to cross GASSS at/above 14000, then on track 077° to SNIPR, then on track 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 35L: Climb on heading 353° to intercept course 025° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

TAKEOFF RUNWAY 35R: Climb on heading 353° to intercept course 018° to NUGGS, then on track 080° to cross HIDEF at or below 10000, then on track 098° to cross BRSTO at or below 12000, then on track 092° to cross GASSS at or above 14000, then on track 077° to SNIPR, then on track to 077° to EMMYS, thence. . . .

. . . .on depicted route to ZIRKL. Maintain FL230 or filed lower altitude, expect higher filed altitude 10 minutes after departure.

SW-1, 09 JUL 2026 to 06 AUG 2026

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