

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
DENVER, CO	ROCKY MOUNTAIN METROPOLITAN	11/15/12	5

TAKEOFF MINIMUMS:

RWY 2, 11R, 11L, 20, 29R: STANDARD.
RWY 29L, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 405 FT PER NM TO 5900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 2: CLIMB ON HEADING BETWEEN 350 CW TO 160 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING RIGHT TURN HEADING 147 TO INTERCEPT DEN VOR/DME R-285 TO DEN VOR/DME, THENCE...
RWY 11L, 11R: CLIMB ON HEADING BETWEEN 160 CCW TO 350 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMB HEADING 113.29 TO INTERCEPT DEN VOR/DME R-275 TO DEN VOR/DME, THENCE...
RWY 20: CLIMB ON HEADING BETWEEN 160 CCW TO 024 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING LEFT TURN HEADING 044 TO INTERCEPT DEN VOR/DME R-272 TO DEN VOR/DME, THENCE...
RWY 29R: CLIMB ON HEADING BETWEEN 350 CW TO 113 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING RIGHT TURN HEADING 142 TO INTERCEPT DEN R-280 TO DEN VOR/DME, THENCE...
RWY 29L: CLIMB ON HEADING BETWEEN 350 CW TO 113 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING RIGHT TURN HEADING 142 TO INTERCEPT DEN R-279 TO DEN VOR/DME, THENCE...

...CLIMB IN DEN VOR/DME HOLDING PATTERN (HOLD S, RT, 343.00 INBOUND) TO 16500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2: POLE 432 FT FROM DER, 370 FT RIGHT OF CENTERLINE, 49 FT AGL/5619 FT MSL.
NOTE: RWY 29L: TERRAIN BEGINNING 23 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 5708 FT MSL. FENCE 982 FT FROM DER, 303 FT LEFT OF CENTERLINE, 14 FT AGL/5714 FT MSL. FENCE 1015 FT FROM DER, 392 FT LEFT OF CENTERLINE, 15 FT AGL/5725 FT MSL. MULTIPLE TREES BEGINNING 687 FT FROM DER, 615 FT RIGHT OF CENTERLINE UP TO 70 FT AGL/5839 FT MSL. TREE 3196 FT FROM DER, 1337 FT LEFT OF CENTERLINE, 70 FT AGL/5839 FT MSL.

CONTROLLING OBSTACLES:

RWY 29L: 5839 FT MSL TREE 395457.98N/1050837.12W.

OBSTACLES MANDATING ROUTE DEVELOPMENT:

RWY 2 - 14470 FT MSL AAO 393807.40N/1054902.40W, 12348 FT MSL AAO 403111.11N/10533512.76W, 12170 FT MSL AAO 391811.60N/1055230.20W.
RWY 11L/R - 14470 FT MSL AAO 393807.40N/1054902.40W, 12348 FT MSL AAO 403111.11N/10533512.76W, 9222 FT MSL AAO 393343.86N/1051525.75W.
RWY 20 - 14470 FT MSL AAO 393807.40N/1054902.40W, 12348 FT MSL AAO 403111.11N/10533512.76W, 7968 FT MSL TOWER 394018.00N/1051307.00W.
RWY 29L/R - 14470 FT MSL AAO 393807.40N/1054902.40W, 12348 FT MSL AAO 403111.11N/10533512.76W, 12170 FT MSL AAO 391811.60N/1055230.20W.

REMARKS:

DIVERSE HEADINGS AND CLIMB IN HOLD TO 16500 PRIOR TO WESTBOUND (ALL OTHER COURSES) PER FLIGHT CHECK DIRECTION. DIVERSE HEADINGS COULD HAVE BEEN FARTHER WEST BASED ON OBSTACLES HOWEVER FLIGHT CHECK EXPERIENCED SEVERE TURBULENCE APPROACHING MOUNTAINS RANGE AND ADJUSTED THE HEADINGS FARTHER EAST OF MOUNTAIN RANGE.

