

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.
CRESCENT CITY, CA	JACK MC NAMARA FIELD		1

TAKEOFF MINIMUMS:

RWY 11, 29, STANDARD
RWY 17, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 292 FT PER NM TO 300.
RWY 35, 400-1 OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 11, 17 – CLIMBING RIGHT TURN, THENCE...
RWY 29, 35 – CLIMBING LEFT TURN, THENCE...
... CLIMB DIRECT CEC VORTAC. AIRCRAFT DEPARTING CEC R-139 CW R-345 CLIMB ON COURSE. ALL OTHERS CONTINUE CLIMB IN CEC VORTAC HOLDING PATTERN (HOLD S, LT, 340.75 INBOUND) TO CROSS CEC VORTAC AT OR ABOVE: R-346 CW R-043, 2900; R-044 CW 108, 4300; R-109 CW R-138, 2900.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TREES BEGINNING 810 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 137 FT AGL/186 FT MSL.
NOTE: RWY 17, TREE 37 FT FROM DER, 275 FT RIGHT OF CENTERLINE, 31 FT AGL/61 FT MSL. VEHICLES ON ROAD BEGINNING 362 FT FROM DER LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/60 FT MSL. GROUND 4988 FT FROM DER, 1723 FT RIGHT OF CENTERLINE, 238 FT MSL.
NOTE: RWY 29, TREE 90 FT FROM DER, 456 FT RIGHT OF CENTERLINE, 20 FT AGL/60 FT MSL. TREE 164 FT FROM DER, 442 FT LEFT OF CENTERLINE, 14 FT AGL/64 FT MSL.
NOTE: RWY 35, GROUND BEGINNING 1 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 97 FT MSL. BUSHES BEGINNING 72 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 29 FT AGL/79 FT MSL. TREES BEGINNING 216 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 175 FT AGL/215 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 238 FT MSL GROUND 414539.99N/1241502.22W.
RWY 35: 215 FT MSL TREE 414737.50N/1241352.96W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 11, 17, 29, 35 – 7509 FT MSL AAO 414952.20N/1233634.40W.



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REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ADOLFO URRUTIA
(KYLE THOMPSON) AJV-354 09/08/2011

APPROVED BY:

DEZ SILAGYI AJV-354

COORDINATED WITH:

ALPA, APA, AOPA, NBAA, ZSE, APT MGR

CHANGES:

- 1) RWY 11 CEILING AND VISIBILITY REMOVED.
- 2) RWY 17 CLIMB GRADIENT INCREASED FROM 240'/NM TO 292'/NM.
- 3) RWY 35 TAKE OFF MINIMA OF "400-1 OR STANDARD WITH MINIMUM CLIMB OF 442 FT PER NM TO 300" ADDED.
- 4) SECTOR R-131 CW R-330 CHANGED TO R-139 CW R-345.
- 5) SECTORS R-331 CW R-010 AND R-011 CW R-050 COMBINED AS A SINGLE SECTOR TO R-346 CW R-043 WITH MINIMUM CROSSING ALT OF 2900 FT.
- 6) SECTOR R-051 CW R-090 CHANGED TO R-044 CW R-108, WITH MINIMUM CROSSING ALT OF 4300 FT.
- 7) SECTOR R-091 CW R-130 CHANGED TO R-109 CW R-138, WITH MINIMUM CROSSING ALT OF 2900 FT.

REASONS:

- 1) CONTROLLING OBSTACLE NO LONGER EXISTS.
- 2, 3, 4, AND 6) NEW OBSTACLES.
- 5 AND 7) NEW OBSTACLES AND MINIMUM ALT FOR AIRSPACE IN THE C-I-H PATTERN.



