

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.
COLUSA, CA	COLUSA COUNTY	10 NOVEMBER 2016	ORIG-A

TAKEOFF MINIMUMS:

RWY 31: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 400.
RWY 13: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 31: CLIMBING LEFT TURN DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.
RWY 13: CLIMBING RIGHT TURN DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, FENCE 1 FT FROM DER, 234 RIGHT OF CENTERLINE, 49 FT MSL. TREE 138 FT FROM DER, 346 FT LEFT OF CENTERLINE, 77 FT MSL. BLDG 255 FT FROM DER, 496 FT RIGHT OF CENTERLINE, 62 FT MSL. TREES BEGINNING 543 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 85 FT MSL. BLDG 1476 FT FROM DER, 428 FT LEFT OF CENTERLINE, 61 FT AGL/107 FT MSL.
NOTE: RWY13, TOWER 1396 FT FROM DER, 92 FT RIGHT OF CENTERLINE, 55 FT AGL/105 FT MSL. TOWER 4958 FT FROM DER, 1806 FT RIGHT OF CENTERLINE, 190 FT AGL/240 FT MSL.

CONTROLLING OBSTACLES:

RWY 31: 240 FT MSL TOWER 391149.00N-1215956.00W
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: **RWY 31, 13:** 2353 FT MSL TOWER 391220.00N-1214914.00W

REMARKS:

FLIGHT INSPECTED BY:

GARY J VEER FICO *Digitally signed by*
BEV L BORDY 06/27/2016

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ALAN WILL (IVAN BLANCO) AJV-5432 *Digitally signed by*
BEV L BORDY 3/23/16

APPROVED BY:

LONNIE EVERHART AJV-5430 *Digitally signed by*
BEV L BORDY Jul 01, 2016

COORDINATED WITH:

AAT, ATA, ALPA, AOPA, APA, CADO-12, OAK ARTCC, AWE-220, AFS-520.



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CHANGES:

1. CHANGED RWY 31 TAKEOFF MINIMUMS FROM STANDARD TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 310 FPNM TO 400.
2. CHANGED THE RWY 31 TEXTUAL DEPARTURE FROM CLIMB DIRECT ILA VORTAC TO CLIMBING LEFT TURN DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.
3. CHANGED THE RWY 13 TEXTUAL DEPARTURE FROM CLIMB DIRECT ILA VORTAC TO CLIMBING RIGHT TURN DIRECT ILA VORTAC BEFORE PROCEEDING ON COURSE.
4. ADDED TAKEOFF OBSTACLE NOTES TO RWY 31, 13.
5. ADDED THE RWY 31 CONTROLLING OBSTACLE.
6. ADDED OBSTACLE MANDATING ODP ROUTE.

REASONS:

1. NEW SURVEY INTRODUCED AN ICA OBSTACLE PENETRATION.
2. CORRECTED WORDING TO MORE CLEARLY DEFINE PROCEDURE INTENT.
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4. NEW SURVEY INTRODUCED NEW LOW CLOSE IN OBSTACLES.
5. CRITERIA REQUIRES CONTROLLING OBSTACLE BE DEFINED.
6. CRITERIA REQUIRES OBSTACLE MANDATING ROUTE DEVELOPMENT BE IDENTIFIED.

