

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
CCR	CONCORD	CA	4	

TAKEOFF MINIMUMS:

RWY 14L: STANDARD WITH MINIMUM CLIMB OF 365 FT/NM TO 2200.
RWY 14R: STANDARD WITH MINIMUM CLIMB OF 355 FT/NM TO 2200.
RWY 19L, 19R: STANDARD WITH MINIMUM CLIMB OF 460 FT/NM TO 3900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1L, 1R, 32L, 32R: USE CONCORD DEPARTURE.
RWY 14L: CLIMBING LEFT TURN HEADING 020.00 TO 4900 BEFORE PROCEEDING ON COURSE.
RWY 14R: CLIMBING LEFT TURN HEADING 020.00 TO 4900 BEFORE PROCEEDING ON COURSE.
RWY 19L: CLIMBING LEFT TURN HEADING 011.00 TO 4900 BEFORE PROCEEDING ON COURSE.
RWY 19R: CLIMBING LEFT TURN HEADING 011.00 TO 4900 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 14L LOW, CLOSE-IN OBSTACLES: TREES, VEHICLE ON ROAD WITHIN 500 FT FROM DER EXTENDING TO 1/2 NM FROM DER, LEFT AND CROSSING CENTERLINE, UP TO 115 FT MSL, 89 FT ABOVE DER. CROSSING DER 83 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 14L, TAKEOFF MINIMUMS OBSTACLES: BUILDINGS 3/4 NM FROM DER EXTENDING TO 1 NM FROM DER, LEFT OF CENTERLINE, UP TO 178 FT MSL, 152 FT ABOVE DER. CROSSING DER 16 FT ABOVE DER ELEV CLEARS TAKEOFF MINIMUMS OBSTACLES.

RWY 14R LOW, CLOSE-IN OBSTACLES: CONTROL TOWER, ANTENNA, VEHICLE ON ROAD 1000 FT FROM DER EXTENDING TO 1/2 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 115 FT MSL, 93 FT ABOVE DER. CROSSING DER 48 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 19L LOW, CLOSE-IN OBSTACLES: TREE 1500 FT FROM DER, LEFT OF CENTERLINE, UP TO 102 FT MSL, 78 FT ABOVE DER. CROSSING DER 43 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 19R LOW, CLOSE-IN OBSTACLES: TREES 1/4 NM FROM DER EXTENDING TO 3/4 NM FROM DER, RIGHT OF CENTERLINE, UP TO 148 FT MSL, 124 FT ABOVE DER. CROSSING DER 38 FT ABOVE DER ELEV CLEARS LOW, CLOSE-IN OBSTACLES.

RWY 19R, TAKEOFF MINIMUMS OBSTACLES: TREES 1.7 NM FROM DER EXTENDING TO 1.8 NM FROM DER, RIGHT OF CENTERLINE, UP TO 347 FT MSL, 323 FT ABOVE DER. CROSSING DER 20 FT ABOVE DER ELEV CLEARS TAKEOFF MINIMUMS OBSTACLES.

CONTROLLING OBSTACLES:

RWY 14L: 1634 FT MSL AAO 375854.00N/1215609.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1624 FT MSL AAO 375854.00N/1215612.00W (CLIMB GRADIENT).

RWY 14R: 1634 FT MSL AAO 375854.00N/1215609.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1624 FT MSL AAO 375854.00N/1215612.00W (CLIMB GRADIENT).

RWY 19L: 2897 FT MSL AAO 375309.00N/1215639.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE).

RWY 19R: 2897 FT MSL AAO 375309.00N/1215639.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14L, 14R, 19L, 19R: 4036 FT MSL AAO 375254.00N/1215454.00W.

REMARKS:

APPROVAL LETTER FOR "ATC OPT OUT OF VCOA" ON FILE.
40 FT VEG HEIGHT USED. - PER FPT.
ORDER 8260.3G - ICA USED FOR DESIGN AND EVALUATION.
4900 CLIMB TO ALTITUDE BASED ON SACRAMENTO AIRSPACE IFR CLEARANCE.

FLIGHT INSPECTED BY

OFFICE

DATE

DEVELOPED BY

OFFICE

DATE

LEO PALMER

AJV-A432

06/18/2026

APPROVED BY

OFFICE

DATE

TITLE

APRIL SARMENTO

AJV-A432

09/24/2026

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

QUALITY
42
CHECKED

OTHER: ZOA, SUU APP CON, CCR ATCT, AMGR.

CHANGES - REASONS:

ALL REFERENCES TO RWY 1L/R AND RWY 32L/R REMOVED, AND TEXTUAL DEPARTURE PROCEDURE REFERS TO "USE CONCORD DEPARTURE." - RUNWAYS CONVERTED TO GRAPHIC ODP, CCR DECOM.

TAKEOFF MINIMUMS:

-RWY 14L CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 2700 OR 3700-3 FOR VCOA" TO "STANDARD WITH MINIMUM CLIMB OF 365 FT/NM TO 2200." - REDESIGNED, TARGETS OBS EVAL, VCOA OPT OUT APPROVAL.
-RWY 14R CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 2700 OR 3700-3 FOR VCOA" TO "STANDARD WITH MINIMUM CLIMB OF 355 FT/NM TO 2200." - REDESIGNED, TARGETS OBS EVAL, VCOA OPT OUT APPROVAL.
-RWY 19L: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 490 FT PER NM TO 3900 OR 3700-3 FOR VCOA." TO "STANDARD WITH MINIMUM CLIMB OF 460 FT/NM TO 3900." - REDESIGNED, TARGETS OBS EVAL, VCOA OPT OUT APPROVAL.
-RWY 19R: CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 490 FT PER NM TO 3900 OR 3700-3 FOR VCOA." TO "STANDARD WITH MINIMUM CLIMB OF 460 FT/NM TO 3900." - REDESIGNED, TARGETS OBS EVAL, VCOA OPT OUT APPROVAL.

TEXTUAL DEPARTURE PROCEDURES:

- RWY 14L/R CHANGED FROM: RWY14L, 14R: CLIMBING LEFT TURN DIRECT CCR VOR/DME, THENCE... AIRCRAFT DEPARTING ON CCR VOR/DME R-150 CLOCKWISE R-110, CLIMB ON COURSE. ALL OTHERS, CLIMB IN CCR VOR/DME HOLDING PATTERN (HOLD N, LEFT TURNS, 191.00 INBOUND) TO CROSS CCR VOR/DME AT OR ABOVE 3400 BEFORE PROCEEDING ON COURSE." TO "CLIMBING LEFT TURN HEADING 020.00 TO 4900 BEFORE PROCEEDING ON COURSE." - REDESIGN FOR CCR VOR/DME DECOM.
- RWY 19L/R CHANGED FROM "RWY 19L, 19R: CLIMBING LEFT TURN DIRECT CCR VOR/DME, THENCE... AIRCRAFT DEPARTING ON CCR VOR/DME R-150 CLOCKWISE R-110, CLIMB ON COURSE. ALL OTHERS, CLIMB IN CCR VOR/DME HOLDING PATTERN (HOLD N, LEFT TURNS, 191.00 INBOUND) TO CROSS CCR VOR/DME AT OR ABOVE 3400 BEFORE PROCEEDING ON COURSE." TO "RWY 19L/R: CLIMBING LEFT TURN HEADING 011.00 TO 4900 BEFORE PROCEEDING ON COURSE" - REDESIGN FOR CCR VOR/DME DECOM.

-VISUAL CLIMB OVER AIRPORT: REMOVED. - ATC OPT OUT W/AFS APPROVAL

-TAKEOFF OBS NOTES: UPDAED IAW 8260.3G - NEW ICA IMPLEMENTATION.

CONTROLLING OBS:

-REMOVED RWY 1L/R, RWY 32L/R CONTROLLING OBS, VCOA CONTROLLING OBS. - VCOA OPT OUT, RWY 1L/R, 32L/R WILL BE PLACED ON CONCORD ONE GRAPHIC ODP
-RWY 14L/R CHANGED FROM "RWY 14L: 1991 FT MSL AAO 375444.00N/1215732.35W." TO "1634 FT MSL AAO 375854.00N/1215609.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 1624 FT MSL AAO 375854.00N/1215612.00W (CLIMB GRADIENT)." - ODP REDESIGN, TARGETS EVAL.
-RWY 19L/R CHANGED FROM: "RWY 19L, 19R: 2959 FT MSL AAO 375307.20N/1215639.00W." TO "2897 FT MSL AAO 375309.00N/1215639.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE)." ODP REDESIGN, TARGETS OBS EVAL.

- REMARKS:

REMOVED REFERENCES TO CG ROUNDED UP, PERCEP TERRAIN IN VCA. - NO LONGER REQUIRED.
ADDED " 40 FT VEG HEIGHT USED. - PER FPT. - FOR FUTURE PROCEDURE DEVELOPMENT CONSIDERATION.
ADDED "ORDER 8260.3G - ICA USED FOR DESIGN AND EVALUATION." - IAW 8260.46K DOCUMENTATION STANDARDS.
ADDED - 4900 CLIMB TO ALTITUDE BASED ON SACRAMENTO AIRSPACE IFR CLEARANCE. - FOR FUTURE PROCEDURE DEVELOPMENT CONSIDERATION.

COORDINATED WITH: ADDED "A4A" - AIRPORT IS PART 139.