

**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>
KKIC	KING CITY	CA	ORIG	

**TAKEOFF MINIMUMS:**

RWY 11: STANDARD WITH MINIMUM CLIMB OF 272 FT PER NM TO 2200 OR 4500-3 FOR VCOA.

RWY 29: STANDARD WITH MINIMUM CLIMB OF 326 FT PER NM TO 5700 OR 4500-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 11: CLIMB ON A HEADING BETWEEN 100 CW TO 130 FROM DEPARTURE END OF RUNWAY.

RWY 29: CLIMB ON A HEADING BETWEEN 300 CW TO 330 FROM DEPARTURE END OF RUNWAY.

**VISUAL CLIMB OVER AIRPORT:**

RWY 11: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MESA DEL RAY AIRPORT AT OR ABOVE 4700 BEFORE PROCEEDING ON COURSE.

RWY 29: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS MESA DEL RAY AIRPORT AT OR ABOVE 4700 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 11: VEHICLE ON ROAD 3 FT FROM DER, 115 FT LEFT OF CENTERLINE, 375 FT MSL. TREES, BUILDING BEGINNING 5 FT FROM DER, 234 FT RIGHT OF CENTERLINE, UP TO 16 FT AGL/385 FT MSL. BUILDING, TERRAIN, FENCE BEGINNING 16 FT FROM DER, 369 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/386 FT MSL. TANK 167 FT FROM DER, 518 FT LEFT OF CENTERLINE, 15 FT AGL/393 FT MSL. TREES BEGINNING 479 FT FROM DER, 370 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/421 FT MSL.

NOTE: RWY 29, TERRAIN 4 FT FROM DER, 496 FT RIGHT OF CENTERLINE, 370 FT MSL. TERRAIN 37 FT FROM DER, 153 FT RIGHT OF CENTERLINE, 371 FT MSL. FENCE 98 FT FROM DER, 388 FT LEFT OF CENTERLINE, 5 FT AGL/376 FT MSL. POLE 139 FT FROM DER, 495 FT LEFT OF CENTERLINE, 36 FT AGL/405 FT MSL. FENCES, TREE BEGINNING 220 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 8 FT AGL/378 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 11: 1279 FT MSL AAO 361318.24N/1210135.98W (CLIMB GRADIENT), 3959 FT MSL AAO 360846.42N/1204113.88W (CLIMB-TO ALTITUDE).

RWY 29: 3479 FT MSL AAO 362612.17N/1211108.19W (CLIMB GRADIENT), 4479 FT MSL AAO 362153.06N/1212604.91W (CLIMB-TO ALTITUDE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 11, 29: 6043 FT MSL AAO 360845.00N/1212509.00W

VISUAL CLIMB AREA OBSTACLE: 1439 FT MSL AAO 361126.38N/1211059.28W.

OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 6079 FT MSL AAO 360845.02N/1212507.95W.

**REMARKS:**

<u>FLIGHT INSPECTED BY</u>	<u>OFFICE</u>	<u>DATE</u>	
<u>DEVELOPED BY</u>	<u>OFFICE</u>	<u>DATE</u>	
ALLAN WILL (TIMOTHY JOHNSON)	<i>Digitally signed by</i> <b>TIMOTHY JOHNSON01</b> Apr 07, 2022	AJV-A423	03/24/2022
<u>APPROVED BY</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MARLON ROBINSON	AJV-A420		MANAGER

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZOA, AMGR

**CHANGES - REASONS:**

ORIGINAL PROCEDURE

