

**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>
KOKB	OCEANSIDE	CA	5	

TAKEOFF MINIMUMS:

TEXTUAL DEPARTURE PROCEDURES:

USE OCEANSIDE DEPARTURE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7: TREES, VEGETATION BEGINNING 71 FT FROM DER, 130 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/83 FT MSL.
TREES BEGINNING 177 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/83 FT MSL.
TREES, BUILDING BEGINNING 322 FT FROM DER, 174 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/87 FT MSL.
TREE 731 FT FROM DER, 378 FT LEFT OF CENTERLINE, 50 FT AGL/87 FT MSL.
TREES BEGINNING 784 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/90 FT MSL.
TREES, POLE BEGINNING 1181 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/90 FT MSL.
TREES BEGINNING 1432 FT FROM DER, 53 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/96 FT MSL.
TREES BEGINNING 1682 FT FROM DER, 98 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/103 FT MSL.
TREE 1841 FT FROM DER, 797 FT LEFT OF CENTERLINE, 50 FT AGL/93 FT MSL.
TREES BEGINNING 1933 FT FROM DER, 142 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/106 FT MSL.
TREES BEGINNING 1986 FT FROM DER, 155 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/110 FT MSL.
TREES, TRANSMISSION LINE BEGINNING 2237 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/113 FT MSL.
TRANSMISSION LINE, POLE BEGINNING 2592 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/119 FT MSL.
TRANSMISSION LINE BEGINNING 2781 FT FROM DER, 87 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/106 FT MSL.
TRANSMISSION LINE, TREES BEGINNING 2825 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/123 FT MSL.
TRANSMISSION LINE 3442 FT FROM DER, 1068 FT RIGHT OF CENTERLINE, 79 FT AGL/115 FT MSL.
TREE 3532 FT FROM DER, 1349 FT RIGHT OF CENTERLINE, 50 FT AGL/142 FT MSL.
TREES BEGINNING 3783 FT FROM DER, 1095 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/198 FT MSL.
TREES BEGINNING 4034 FT FROM DER, 243 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/241 FT MSL.
TREE 4153 FT FROM DER, 696 FT LEFT OF CENTERLINE, 50 FT AGL/136 FT MSL.
TREES BEGINNING 4285 FT FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/280 FT MSL.
TREES BEGINNING 4403 FT FROM DER, 651 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/146 FT MSL.
TREES, POLE, BUILDING BEGINNING 4536 FT FROM DER, 33 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/297 FT MSL.
TREE 4549 FT FROM DER, 10 FT LEFT OF CENTERLINE, 50 FT AGL/162 FT MSL.
TREES BEGINNING 4602 FT FROM DER, 309 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/172 FT MSL.
TREES BEGINNING 4853 FT FROM DER, 264 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/195 FT MSL.
TREES BEGINNING 4892 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/306 FT MSL.
TREES BEGINNING 5104 FT FROM DER, 220 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/264 FT MSL.
TREES BEGINNING 5289 FT FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/320 FT MSL.
TREES, TOWER BEGINNING 5355 FT FROM DER, 175 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/267 FT MSL.
TREES BEGINNING 5605 FT FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/290 FT MSL.
TREES BEGINNING 5791 FT FROM DER, 211 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/339 FT MSL.
TREES, BUILDING BEGINNING 1 NM FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/375 FT MSL.
TREES, VEGETATION BEGINNING 1.1 NM FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/316 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 1518 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/274 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/342 FT MSL.
TRANSMISSION LINE 2.4 NM FROM DER, 3256 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/425 FT MSL.

NOTE: RWY 25: TREES BEGINNING 29 FT FROM DER, 105 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/83 FT MSL.
TREE 126 FT FROM DER, 129 FT RIGHT OF CENTERLINE, 58 FT MSL.
TREES, VEHICLE ON ROAD BEGINNING 174 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/83 FT MSL.
TREES, VEHICLE ON ROAD BEGINNING 425 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/90 FT MSL.
TREES BEGINNING 980 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/93 FT MSL.
TREES BEGINNING 1032 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/87 FT MSL.
TREES BEGINNING 1283 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/90 FT MSL.
TREES, TRANSMISSION LINE, POLE BEGINNING 1680 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/169 FT MSL.
TREES BEGINNING 1931 FT FROM DER, 117 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/234 FT MSL.
MONUMENT 2092 FT FROM DER, 719 FT RIGHT OF CENTERLINE, 42 FT AGL/259 FT MSL.
TREES BEGINNING 2129 FT FROM DER, 161 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/287 FT MSL.
TREES, POLE BEGINNING 2248 FT FROM DER, 92 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/228 FT MSL.
TREES, POLE, TRANSMISSION LINE BEGINNING 2380 FT FROM DER, 129 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/290 FT MSL.
TREE, POLES BEGINNING 4431 FT FROM DER, 1114 FT LEFT OF CENTERLINE, UP TO 223 FT MSL.
TRANSMISSION LINES, POLES BEGINNING 5498 FT FROM DER, 363 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/263 FT MSL.
TRANSMISSION LINE 1.2 NM FROM DER, 458 FT RIGHT OF CENTERLINE, 66 FT AGL/215 FT MSL.

QUALITY
12
CHECKED

CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY
KEVIN Y CHENG

Digitally signed by
ERIC N SUSKI
Jul 08, 2024

OFFICE
FPO
DATE
06/20/2024

DEVELOPED BY
RICHARD CHRISTENSEN

Digitally signed by
RICHARD E. CHRISTENSEN
Apr 17, 2024

OFFICE
AJV-A431
DATE
04/17/2024

APPROVED BY
ERIC N SUSKI

Digitally signed by
ERIC N SUSKI
Jul 08, 2024

OFFICE
AJV-A431
DATE
10/31/2024

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

CONCURRENT WITH OCEANSIDE DEPARTURE.

COORDINATED WITH:

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

OTHER: ZLA ARTCC, AMGR, CA AERO DIV, SOCAL DEP CON

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: REMOVED - OCEANSIDE (OBSTACLE) DEPARTURE CREATED FOR MULTIPLE TURNS PER FPT.
2. TEXTUAL DEPARTURE PROCEDURES: CHANGED FROM "RWY 6: CLIMBING RIGHT TURN; RWY 24: CLIMBING LEFT TURN; ALL AIRCRAFT CLIMB VIA HEADING 235 TO 1500, THEN CLIMBING RIGHT TURN DIRECT OCN VORTAC" TO "USE OCEANSIDE DEPARTURE" - IAW 8260.46J 2-1-1B(4)(A).
3. TAKEOFF OBSTACLE NOTES: UPDATED WITH NEW OBSTACLE EVALUATION - OCEANSIDE (OBSTACLE) DEPARTURE CREATED.
4. CONTROLLING OBSTACLES: REMOVED AND MOVED TO GRAPHICAL ODP - OCEANSIDE (OBSTACLE) DEPARTURE CREATED.

