

**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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
SAN LUIS OBISPO, CA	SAN LUIS COUNTY RGNL	8 NOVEMBER 2018	7

**TAKEOFF MINIMUMS:**

RWY 7, 25, NA - OBSTACLES.

RWY 11, STANDARD WITH MINIMUM CLIMB OF 243 FT PER NM TO 2100 OR 1500-3 FOR VCOA.

RWY 29, STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 2000 OR 1500-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 11, CLIMB HEADING 109.77 TO 700, THEN CLIMBING RIGHT TURN TO INTERCEPT MQO VORTAC R-115 TO MQO VORTAC AND HOLD, CONTINUE CLIMB IN MQO HOLDING PATTERN (HOLD SE, LEFT TURNS, 306.43 INBOUND) TO CROSS MQO VORTAC AT OR ABOVE 4000 OR MEA FOR ROUTE OF FLIGHT.

RWY 29, CLIMB HEADING 289.77 TO INTERCEPT MQO VORTAC R-082 TO MQO VORTAC AND HOLD, CONTINUE CLIMB IN MQO HOLDING PATTERN (HOLD SE, LEFT TURNS, 306.43 INBOUND) TO CROSS MQO VORTAC AT OR ABOVE 4000 OR MEA FOR ROUTE OF FLIGHT.

**VISUAL CLIMB OVER AIRPORT:**

RWY 11, 29: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS SAN LUIS COUNTY RGNL AT OR ABOVE 2100 BEFORE PROCEEDING DIRECT MQO VORTAC.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 11, FENCE 14 FT FROM DER, 492 FT LEFT OF CENTERLINE, 6 FT AGL/214 FT MSL. TREE 295 FT FROM DER, 565 FT LEFT OF CENTERLINE, 27 FT AGL/235 FT MSL. VEHICLE ON ROAD 398 FT FROM DER, 389 FT RIGHT OF CENTERLINE, 223 FT MSL. TREES BEGINNING 498 FT FROM DER, 383 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/240 FT MSL. VEHICLE ON ROAD 591 FT FROM DER, 396 FT RIGHT OF CENTERLINE, 231 FT MSL. VEHICLE ON ROAD 600 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 240 FT MSL. VEHICLE ON ROAD, BUILDING BEGINNING 621 FT FROM DER, 269 FT RIGHT OF CENTERLINE, UP TO 247 FT MSL. TREES, TERRAIN BEGINNING 994 FT FROM DER, 596 FT RIGHT OF CENTERLINE, UP TO 262 FT MSL. TREE 1061 FT FROM DER, 751 FT RIGHT OF CENTERLINE, 54 FT AGL/311 FT MSL. TREE 1072 FT FROM DER, 80 FT LEFT OF CENTERLINE, 26 FT AGL/242 FT MSL. LIGHTING 1090 FT FROM DER, 22 FT LEFT OF CENTERLINE, 34 FT AGL/252 FT MSL. POLE, LIGHTING, BEGINNING 1101 FT FROM DER, ON CENTERLINE, UP TO 253 FT MSL. TREES, POLES, LIGHTING, TERRAIN, BUILDINGS, VEHICLE ON ROAD BEGINNING 1107 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 316 FT MSL. TERRAIN 1696 FT FROM DER, 96 FT LEFT OF CENTERLINE, 256 FT MSL. VEHICLE ON ROAD 1795 FT FROM DER, 488 FT LEFT OF CENTERLINE, 258 FT MSL. TERRAIN 1798 FT FROM DER, 99 FT LEFT OF CENTERLINE, 259 FT MSL. TERRAIN BEGINNING 1883 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 261 FT MSL. VEHICLE ON ROAD 1980 FT FROM DER, 561 FT LEFT OF CENTERLINE, 264 FT MSL. TREES, TERRAIN BEGINNING 1989 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 284 FT MSL. TREES, TERRAIN, BUILDINGS, POLES, VEHICLE ON ROAD BEGINNING 2099 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 290 FT MSL. BUILDINGS, VEHICLE ON ROAD BEGINNING 2245 FT FROM DER, 592 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/291 FT MSL. BUILDINGS, VEHICLE ON ROAD BEGINNING 2267 FT FROM DER, 198 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/293 FT MSL. BUILDINGS, VEHICLE ON ROAD BEGINNING 2400 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/294 FT MSL.

NOTE: RWY 29, TREES BEGINNING 69 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/176 FT MSL. TREES BEGINNING 134 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/218 FT MSL. TREES 197 FT FROM DER, 379 FT LEFT OF CENTERLINE, 50 FT AGL/205 FT MSL. TREES BEGINNING 370 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/208 FT MSL. TERRAIN 2 NM FROM DER, 2497 FT RIGHT OF CENTERLINE, 507 FT MSL. TERRAIN BEGINNING 2 NM FROM DER, 2498 FT RIGHT OF CENTERLINE, UP TO 514 FT MSL. TREES 2.1 NM FROM DER, 2879 FT RIGHT OF CENTERLINE, 50 FT AGL/526 FT MSL. TREES 2.1 NM FROM DER, 2488 FT RIGHT OF CENTERLINE, 50 FT AGL/533 FT MSL. TERRAIN 2.1 NM FROM DER, 2713 FT RIGHT OF CENTERLINE, 557 FT MSL. TREES, FENCE BEGINNING 2.1 NM FROM DER, 2347 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/618 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 11: 1703 FT MSL AAO 351230.46N/1204454.84W

RWY 29: 1158 FT MSL TREE 351432.82N/1204228.24W (CLIMB GRADIENT) 1520 FT MSL AAO 351502.60N/1204348.84W (CLIMB-TO ALTITUDE)

RWY 11, 29 (VCOA): 1719 FT MSL POLE 351628.91N/1203726.27W (VCA)

**OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:**

RWY 11 - 2923 FT MSL AAO 351645.00N/1203424.00W

RWY 29 - 1716 FT MSL TREE 351630.00N/1203730.00W

**REMARKS:**

QUALITY  
3  
CHECKED

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SAN LUIS OBISPO, CA	SAN LUIS COUNTY RGNL	8 NOVEMBER 2018	7

<b>FLIGHT INSPECTED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
CHARLES D CUNNINGHAM	<b>DONALD H LANIER</b>	FICO	8/20/18
	Aug 22, 2018		
<b>DEVELOPED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
COLTON CROWDER	<b>COLTON CROWDER</b>	AJV-5431	06/11/2018
	Jun 21, 2018		
<b>APPROVED BY:</b>	<i>Digitally signed by</i>	<b>OFFICE SYMBOL:</b>	<b>DATE:</b>
PAT MULQUEEN	<b>DONALD H LANIER</b>	AJV-5430	
	Aug 22, 2018		

**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**COORDINATED WITH:**

<b>A4A</b>	<b>ALPA</b>	<b>AOPA</b>	<b>APA</b>	<b>HAI</b>	<b>NBAA</b>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
ZLA, SBP ATCT, SBA APP CON, AIRPORT MANAGER

**CHANGES - REASONS:**

1. RWY 11 TAKEOFF MINIMUMS CHANGED FROM "1800-2 OR STANDARD WITH MINIMUM CLIMB OF 320' PER NM TO 2300", TO "STANDARD WITH MINIMUM CLIMB OF 243 FT PER NM TO 2100 OR 1500-3 FOR VCOA." - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
2. RWY 29 TAKEOFF MINIMUMS CHANGED FROM "1200-2 OR STANDARD WITH MINIMUM CLIMB OF 390' PER NM TO 1700", TO "STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 2000 OR 1500-3 FOR VCOA." - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
3. RWY 11 DEPARTURE PROCEDURE CHANGED FROM "CLIMB RUNWAY HEADING TO 900, THEN CLIMBING RIGHT TURN DIRECT MQO VORTAC", TO "CLIMB HEADING 109.77 TO 700, THEN CLIMBING RIGHT TURN TO INTERCEPT MQO VORTAC R-115 TO MQO VORTAC AND HOLD, CONTINUE CLIMB IN MQO HOLDING PATTERN (HOLD SE, LEFT TURNS, 306.43 INBOUND) TO CROSS MQO VORTAC AT OR ABOVE 4000 OR MEA FOR ROUTE OF FLIGHT." - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
4. RWY 29 DEPARTURE PROCEDURE CHANGED FROM "CLIMB VIA RUNWAY HEADING AND MQO R-050 TO MQO VORTAC", TO "CLIMB HEADING 289.77 TO INTERCEPT MQO VORTAC R-082 TO MQO VORTAC AND HOLD, CONTINUE CLIMB IN MQO HOLDING PATTERN (HOLD SE, LEFT TURNS, 306.43 INBOUND) TO CROSS MQO VORTAC AT OR ABOVE 4000 OR MEA FOR ROUTE OF FLIGHT." - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
5. REMOVED "ALL AIRCRAFT DEPARTING ON MQO R-130 CW R-320 CLIMB ON COURSE. ALL OTHERS CONTINUE CLIMBING IN MQO HOLDING PATTERN (HOLD SE, LT, 306 INBOUND) TO CROSS MQO AT OR ABOVE 4000." - ALL PERTINENT INFO MOVED TO RWY SPECIFIC DEPARTURE INSTRUCTIONS.
6. EXTENSIVE TAKEOFF NOTES ADDED - NUMEROUS LOW-CLOSE-IN OBSTACLES IN ICA OF BOTH RWY ENDS.
7. RWY 11 DEPARTURE OBSTACLE CHANGED FROM 1919 TREE, TO 1703 AAO - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
8. RWY 29 DEPARTURE OBSTACLE CHANGED FROM 1335 TREE, TO 1520 AAO - NEW OBSTACLE ANALYSIS WITH TARGETS AUTOMATION.
9. ADDED VCOA PROCEDURE - TO PERMIT AIRCRAFT TO DEPART WITH A 200 FPNM CG WHEN CEILING AND VISIBILITY MINIMUMS ALLOW VCOA OPTION.
10. ADDED VCOA AND OBSTACLES MANDATING ODP ROUTE DEVELOPMENT INFO IN CONTROLLING OBSTACLES BLOCK - NEW 8260-15A FORM.

QUALITY  
3  
CHECKED