

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.
LONG BEACH, CA	LONG BEACH/DAUGHERTY FIELD		6

**TAKEOFF MINIMUMS:**

RWYS 7L/R, 12, 30, STANDARD.  
RWYS 25L/R, STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 2300.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 7L/R, CLIMB HEADING 075.95 TO 800, THEN CLIMBING RIGHT TURN SLI VORTAC AND TO SLI R-210 TO PADDR INT.  
RWY 12, CLIMB HEADING 120.72 TO INTERCEPT SLI VORTAC R-210 TO PADDR INT.  
RWY 25L/R, CLIMB HEADING 255.96 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT.  
RWY 30, CLIMB HEADING 300.72 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT.

**VISUAL CLIMB OVER AIRPORT:**

NA.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 7L**, BUILDING 347 FT FROM DER, 416 FT RIGHT OF CENTERLINE, 19 FT AGL/53 FT MSL. TREE 580 FT FROM DER, 12 FT RIGHT OF CENTERLINE, 67 FT MSL. POLES BEGINNING 606 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/65 FT MSL. TREES BEGINNING 776 FT FROM DER, 243 FT RIGHT OF CENTERLINE, UP TO 111 FT MSL. TREES BEGINNING 1456 FT FROM DER, 203 FT RIGHT OF CENTERLINE, UP TO 117 FT MSL. VEHICLE ON ROAD 317 FT FROM DER, 248 FT LEFT OF CENTERLINE, 15 FT AGL/53 FT MSL. POLES BEGINNING 329 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/66 FT MSL. TREE 516 FT FROM DER, 137 FT LEFT OF CENTERLINE, 72 FT MSL.

**NOTE: RWY 7R**, TREES BEGINNING 327 FT FROM DER, 231 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/95 FT MSL. BUILDINGS BEGINNING 1473 FT FROM DER, 822 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/118 FT MSL. LIGHT POLES BEGINNING 380 FT FROM DER, 390 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/60 FT MSL. TREES BEGINNING 1208 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/101 FT MSL. BUILDINGS BEGINNING 277 FT FROM DER, 474 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/72 FT MSL.

**NOTE: RWY 12**, TREES BEGINNING 969 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/87 FT MSL. SPIRE 3094 FT FROM DER, 1182 FT RIGHT OF CENTERLINE, 98 FT AGL/118 FT MSL. TREES BEGINNING 1124 FT FROM DER, 357 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/98 FT MSL. LIGHT POLE 1126 FT FROM DER, 607 FT LEFT OF CENTERLINE, 37 FT AGL/59 FT MSL. PIPE 1146 FT FROM DER, 334 FT LEFT OF CENTERLINE, 31 FT AGL/55 FT MSL.

**NOTE: RWY 25L**, TREE 2008 FT FROM DER, 182 FT RIGHT OF CENTERLINE, 73 FT AGL/107 FT MSL. LIGHT POLE 1283 FT FROM DER, 122 FT RIGHT OF CENTERLINE, 29 FT AGL/88 FT MSL. BUILDING 1149 FT FROM DER, 793 FT RIGHT OF CENTERLINE, 105 FT AGL/163 FT MSL. TOWER 3821 FT FROM DER, 439 FT RIGHT OF CENTERLINE, 75 FT AGL/158 FT MSL. LIGHT POLE 1283 FT FROM DER, 122 FT RIGHT OF CENTERLINE, 29 FT AGL/88 FT MSL. TREES BEGINNING 486 FT FROM DER, 91 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/144 FT MSL. SIGNS BEGINNING 1074 FT FROM DER, 209 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/108 FT MSL.

**NOTE: RWY 25R**, REIL 68 FT FROM DER, 59 FT RIGHT OF CENTERLINE, 5 FT AGL/68 FT MSL. TREE 243 FT FROM DER, 366 FT RIGHT OF CENTERLINE, 97 FT MSL. BUILDING 250 FT FROM DER, 204 FT RIGHT OF CENTERLINE, 30 FT AGL/93 FT MSL. POLE 623 FT FROM DER, 128 FT RIGHT OF CENTERLINE, 25 FT AGL/89 FT MSL. TREE 631 FT FROM DER, 409 FT RIGHT OF CENTERLINE, 122 FT MSL. TREES BEGINNING 1247 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 133 FT MSL. BUILDING 1.1 NM FROM DER, 972 FT RIGHT OF CENTERLINE, 156 FT AGL/248 FT MSL. BUILDING 1.30 NM FROM DER, 655 FT RIGHT OF CENTERLINE, 157 FT AGL/259 FT MSL. FENCE 179 FT FROM DER, 8 FT LEFT OF CENTERLINE, 5 FT AGL/68 FT MSL. POLES BEGINNING 322 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/95 FT MSL. SIGN 1153 FT FROM DER, 5 FT LEFT OF CENTERLINE, 77 FT AGL/139 FT MSL. TREE 1259 FT FROM DER, 591 FT LEFT OF CENTERLINE, 127 FT MSL. TREE 2148 FT FROM DER, 249 FT LEFT OF CENTERLINE, 117 FT MSL.

**NOTE: RWY 30**, TREES BEGINNING 1596 FT FROM DER, 104 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/121 FT MSL. LIGHT POLES BEGINNING 356 FT FROM DER, 245 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/93 FT MSL. POLE 312 FT RIGHT OF CENTERLINE, 72 FT AGL/145 FT MSL. BUILDINGS BEGINNING 1338 FT FROM DER, 621 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/139 FT MSL. RIALROAD BEGINNING 648 FT FROM DER, ON CENTERLINE, 17 FT AGL/91 FT MSL. TREES BEGINNING 1205 FT FROM DER, 517 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/130 FT MSL. LIGHT POLES BEGINNING 984 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/127 FT MSL. BUILDINGS BEGINNING 351 FT FROM DER, 289 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/89 FT MSL. POLES BEGINNING 1939 FT FROM DER, 312 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/127 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 25L, 25R: 1679 FT MSL AAO 334448.00N/1182007.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7L, 7R, 12, 25L, 25R, 30: 10264 AAO 341712.00N/1173918.00W.



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**REMARKS:**

**FLIGHT INSPECTED BY:**

*Digitally signed by*

**BEV L BORDY**

Mar 29, 2016

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

*Digitally signed by*

DAN CAIRNS

**DAN CAIRNS**

AJV-5423

11/18/2015

Mar 29, 2016

**APPROVED BY:**

*Digitally signed by*

GEORGE GONZALEZ **BEV L BORDY** AJV-5420

Mar 29, 2016

**COORDINATED WITH:**

AOPA, NBAA, ZOA, FRESNO APP CON, WESTERN FPT, AMGR.

**CHANGES:**

1. UNDER TAKEOFF MINIMUMS: REMOVED RWYS 7L AND 25R FROM THE NA RESTRICTION. ADDED RWY 7L, STANDARD. ADDED RWY 25R, STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 2300.
2. UNDER TEXTUAL DEPARTURE PROCEDURES, ADDED "RWY 7L, CLIMB HEADING 075.95 TO 800, THEN CLIMBING RIGHT TURN DIRECT SLI VORTAC AND SLI R-210 TO PADDR INT." ADDED "RWY 25R, CLIMB HEADING 255.96 TO 800, THEN CLIMBING LEFT TURN HEADING 200.00 AND LAX VORTAC R-145 TO PADDR INT."
3. UNDER TAKEOFF OBSTACLE NOTES, ADDED RWYS 7L AND 25R.
4. UNDER CONTROLLING OBSTACLES, ADDED RWY "25R: 1679 FT MSL AAO 334448.00N/1182007.00W." UNDER OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: ADDED "RWYS 7L AND 25R: 10264 FT MSL AAO 341712.00N/1173918.00W."

**REASONS:**

- 1-4. RUNWAY RESURFACING COMPLETED FOR RWYS 7L AND 25R.

03/29/16: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/17/16.

1. UNDER TAKEOFF MINIMUMS: DELETED RWY 16L/R, 34L/R, NA-ENVIRONMENTAL AND NOISE ABATEMENT.
2. ON HEADER, ADDED STATE (CA).

