

Figure G-1-1.

U.S. DEPARTMENT of TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION			
DIVERSE VECTOR AREA (DVA)			
Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Distances are in nautical miles.			
City, State	Airport	Effective Date	Amdt No.
SANTA MONICA, CA	SANTA MONICA MUNI	7/31/2011	ORIG
<b><u>DVA:</u></b>			
RWY 21: AUTHORIZED HEADINGS 165 CLOCKWISE TO 255 WITHIN 20 NM OF 340100.39N/1182700.64W (DEPARTURE REFERENCE POINT). INCLUDES ALL AREA WITHIN 340100.39N/1182700.64W TO 334058.22N/1182700.64W, THEN VIA 20 MILE CLOCKWISE ARC CENTERED ON 340100.39N/1182700.64W TO 335729.36N/1185041.37W, TO 340100.39N/1182700.64W			
<b><u>OBSTACLE EVALUATION AREA (not for video mapping use):</u></b>			
RWY 21: FROM 340100.39N/1182700.64W TO 334210.45N/1181848.69W, THEN VIA 20 NM CLOCKWISE ARC CENTERED ON 340100.39N/1182700.64W TO 334114.51N/1182324.59W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 334058.22N/1182700.64W TO 333757.89N/1182700.64W, THEN VIA 23 NM CLOCKWISE ARC TO 335657.31N/1185414.31W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 335729.36N/1185041.37W TO 340028.62N/1185105.74W, THEN VIA 20 NM CLOCKWISE ARC CENTERED ON 340100.39N/1182700.64W TO 340426.85N/1185043.31W, TO 340100.39N/1182700.64W			
<b><u>AUTHORIZED FACILITY:</u></b>			
SCT APP CON			
<b><u>FAA FORM 7210-9 DATE:</u></b>			
<b><u>DEVELOPED BY:</u></b>			
<i>Joe Developer</i>	AJV-35	07/31/2011	
<b><u>APPROVED BY:</u></b>			
<i>Jolene Manager</i>	AJV-35	07/31/2011	
<b><u>CHANGES:</u></b>			
<b><u>REASONS:</u></b>			
FAA Form 8260-15D / JULY 2011 (Computer Generated)			
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## TAKEOFF MINIMUMS, (OBSTACLE) DEPARTURE PROCEDURES, AND DIVERSE VECTOR AREAS



### SANTA MONICA, CA

SANTA MONICA MUNI (SMO)  
TAKEOFF MINIMUMS AND (OBSTACLE)  
DEPARTURE PROCEDURE  
AMDT 6 06159 (FAA)

TAKEOFF MINIMUMS: **Rwy 3**, std. w/ min. climb of 325' per NM to 1100, or 1200-3 for climb in visual conditions. **Rwy 21**, std. w/ min. climb of 215' per NM to 4000, or 1200-3 for climb in visual conditions.

DEPARTURE PROCEDURE: **Rwy 3**, climbing right turn to 5000 via SMO R-210 and LAX R-276 to SADDE INT, or for climb in visual conditions: cross SMO VOR/DME at or above 1200 then continue climb to 5000 via SMO R-210 and LAX R-276 to SADDE INT. **Rwy 21**, climb to 5000 via SMO R-210 and LAX R-276 to SADDE INT, or for climb in visual conditions: cross SMO VOR/DME at or above 1200, then climb to 5000 via SMO R-210 and LAX R-276 to SADDE INT.

NOTE: **Rwy 3**, multiple signs and trees beginning 19' from DER, 300' right of centerline, up to 36' AGL/211' MSL, tower 5488' from departure end of run way, 1902' right of centerline, 150' AGL/325' MSL, light standard 19' from DER, 176' right of centerline, 6' AGL/181' MSL, multiple trees beginning 325' from DER, 227' left of centerline, up to 34' AGL/209' MSL, sign 56' from DER, 185' left of centerline, 6' AGL/181' MSL. **Rwy 21**, multiple trees and poles beginning 140' from DER, 247' right of centerline, up to 81' AGL/196' MSL, antenna on building 280' from DER, 486' right of centerline, 35' AGL/150' MSL, VOR 101' from DER, 255' left of centerline, 7' AGL/122' MSL.

### DIVERSE VECTOR AREA

ORIG 11213 (FAA)

**Rwy 3**, Authorized heading 165 clockwise to 255 within 20NM of 340100.39N/1182700.64W (Departure reference point). Includes all area within 340100.39N / 1182700.64W to 334058.22N/1182700.64W. Then via 20 mile clockwise arc centered on 340100.39N/1182700.64W to 340100.39N/1182700.64W.

### SANTA YNEZ, CA

SANTA YNEZ (IZA)  
AMDT 1 81162 (FAA)  
TAKEOFF MINIMUMS: **Rwy 8**, CAT C,D 1100-2 or std. with a min. climb of 280' per NM to 2000.  
DEPARTURE PROCEDURE: **Rwy 8**, turn left, climb to 6000 heading 260° and V27 to ORCUT Int. **Rwy 26**, climb to 6000 via RZS R-275 and V27 to ORCUT Int.

### SHAFTER, CA

SHAFTER-MINTER FIELD (MIT)  
AMDT 1 13122 (FAA)

DEPARTURE PROCEDURE: **Rwys 12, 17, 26**, climbing right turn heading 300° to 4000. Thence ... **Rwys 8, 30, 35**, climbing left turn heading 240° to 4000. Thence ...

Westbound aircraft intercept V248 until reaching 4000, then proceed on course. Eastbound aircraft intercept V248 upon reaching 4000 turn right direct EHF VORTAC, then proceed on course.

NOTE: **Rwy 8**, vehicles on road beginning 41' from DER, 7' left of centerline, up to 15' AGL/442' MSL. **Rwy 12**, windsock 504' from DER, 397' left of centerline, 26' AGL/439' MSL. Trees beginning 2476' from DER, 344' left of centerline, up to 75' AGL/488' MSL. Trees beginning 862' from DER, 378' right of centerline, up to 31' AGL/441' MSL. **Rwy 17**, vehicles on road 489' from DER, left and right of centerline, 15' AGL/429' MSL. Tree 1150' from DER, 724' left of centerline, 51' AGL/463' MSL. Windsock 1340' from DER, 43' right of centerline, 46' AGL/455' MSL. **Rwy 30**, vehicles on road 146' from DER, 273' left of centerline, 10' AGL/420' MSL. **Rwy 35**, vehicles on road 461' from DER, 86' right of centerline to 386' right of centerline, 15' AGL/442' MSL.

### TORRANCE, CA

ZAMPERINI FIELD (TOA)  
AMDT 1A 10210 (FAA)

TAKEOFF MINIMUMS: **Rwy 11L**, 400-2 or std. w/ min. climb of 325' per NM to 600. **Rwy 11R**, 400-2½ or std. with a min. climb of 325' per NM to 600.

DEPARTURE PROCEDURE: **Rwys 29L, 29R**, climb runway heading. **Rwys 11L, 11R**, climbing left turn to heading 290°. Both departures climb to 3000, intercept LAX R-170 to LIMBO Int.

### TUSI AHP (KHGT),

HUNTER LIGGETT, CA . . . . . AMDT 3, 08269  
Helicopter use only. Climb on a heading between 010° CW to 190° from heliport (or a minimum climb rate of 530' per NM to 7800 for all other courses).

### TWENTYNINE PALMS, CA

TWENTYNINE PALMS (TNP)  
AMDT 1 00279 (FAA)

TAKEOFF MINIMUMS: **Rwy 17, NA. Rwys 8, 26, 35**, std. with a min. climb of 280' per NM to 5500.  
DEPARTURE PROCEDURE: **Rwys 8, 26, 35**, turn right direct TNP VORTAC. Eastbound on V264 continue climb on course. All others climb in TNP holding pattern (E, left turns, 255° inbound) to cross TNP VORTAC at or above 6000 before proceeding on course. Northeast bound on V514-538 cross TNP VORTAC at or above 7900.

