

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name LNSAY	Number FIVE	DP Computer Code LNSAY5.LNSAY	Superseded Number FOUR	Dated 30 APR 2015	Effective Date 20 AUG 2015
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TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9: CLIMB HEADING 094.99 TO 4000, THEN LEFT TURN ON HEADING 278 TO INTERCEPT MZB R-314 TO MAFAN INT. THENCE....

TAKEOFF RWY 27: CLIMBING RIGHT TURN ON HEADING 293 TO INTERCEPT OCN R-155 TO CLSTR INT. CROSS CLSTR INT AT OR BELOW 4000, THEN ON OCN R-155 AND MZB R-314 TO MAFAN INT. THENCE....

....CROSS MAFAN INT AT OR ABOVE 8000, THEN ON MZB R-314 TO LNSAY INT. THEN (TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ASSIGNED ALTITUDE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
FALCC	LNSAY5:FALCC	LNSAY INT	FALCC INT	314.00 (MZB R-314)	8.07	8000	2000	
SANTA CATALINA	LNSAY5:SXC	LNSAY INT	HARBR INT	271.00 (SXC R-091)	19.46	8000	2000	
		HARBR INT	SXC VORTAC	271.00	29.50	8000	3200	
SEAL BEACH	LNSAY5:SLI	LNSAY INT	HARBR INT	271.00 (SXC R-091)	19.46	8000	2000	
		HARBR INT	SLI VORTAC	328.00	34.14	8000	1500	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 9, 400-1 WITH MINIMUM CLIMB OF 610 FT PER NM TO 1900 OR STANDARD WITH MINIMUM CLIMB OF 686 FT PER NM TO 1900.
TAKEOFF MINIMUMS: RWY 27, 400- 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 353 FT PER NM TO 400.

NOTE: RADAR REQUIRED.

NOTE: AIRCRAFT FILED AT OR ABOVE 14000 EXPECT CLEARANCE VIA FALCC TRANSITION.

NOTE: AIRCRAFT FILED AT OR BELOW 13000 EXPECT CLEARANCE VIA SLI OR SXC TRANSITION.

NOTE: RWY 27, MINIMUM CLIMB OF 310 FT PER NM TO 8000 REQUIRED BETWEEN CLSTR INT AND MAFAN INT.



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TAKEOFF OBSTACLES NOTES:

NOTE: RWY 9, OBSTRUCTION LIGHT, SIGN, AND TREES BEGINNING 11 FT FROM DER, 258 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/77 FT MSL. ANTENNA ON BUILDING, POLE, AND LIGHTED BARRIER BEGINNING 18 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/50 FT MSL. OBSTRUCTION LIGHT ON LOCALIZER 272 FT FROM DER, ON CENTERLINE, 19 FT AGL/38 FT MSL. VENT ON BUILDING, MULTIPLE BUILDINGS, AND TREES BEGINNING 741 FT FROM DER, 104 FT RIGHT OF CENTERLINE, UP TO 173 FT AGL/317 FT MSL. ELECTRICAL SYSTEM, POLE, MULTIPLE ANTENNAS ON LIGHTED BUILDINGS, AND TREES BEGINNING 792 FT FROM DER, 135 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/138 FT MSL. BUILDINGS AND TREES BEGINNING 5834 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 280 FT AGL/394 FT MSL. LIGHTED STACK, POLES AND TREES BEGINNING 1 NM FROM DER, 492 FT LEFT OF CENTERLINE, UP TO 132 FT AGL/419 FT MSL.

NOTE: RWY 27, FENCE 89 FT FROM DER, 337 FT LEFT OF CENTERLINE, 6 FT AGL/16 FT MSL. LT POLE 192 FT FROM DER, 347 FT RIGHT OF CENTERLINE, 17 FT AGL/30 FT MSL. OL ON DME 284 FT FROM DER, 317 FT LEFT OF CENTERLINE, 18 FT AGL/28 FT MSL. TREE 754 FT FROM DER, 156 FT RIGHT OF CENTERLINE, 44 FT AGL/54 FT MSL. TREE 1021 FT FROM DER, 620 FT RIGHT OF CENTERLINE, 58 FT AGL/71 FT MSL. OL ON FLGPL 2515 FT FROM DER, 707 FT LEFT OF CENTERLINE, 98 FT AGL/118 FT MSL. TREE 2594 FT FROM DER, 353 FT RIGHT OF CENTERLINE, 90 FT AGL/107 FT MSL. TREE 3197 FT FROM DER, 410 FT RIGHT OF CENTERLINE, 91 FT AGL/111 FT MSL. TREE 3316 FT FROM DER, 130 FT RIGHT OF CENTERLINE, 100 FT AGL/120 FT MSL. TREE 3494 FT FROM DER, 947 FT RIGHT OF CENTERLINE, 129 FT AGL/169 FT MSL. TOWER 3675 FT FROM DER, 14 FT RIGHT OF CENTERLINE, 60 FT AGL/115 FT MSL. TREE 5046 FT FROM DER, 1446 FT LEFT OF CENTERLINE, 96 FT AGL/235 FT MSL. TREE 5416 FT FROM DER, 95 FT RIGHT OF CENTERLINE, 44 FT AGL/184 FT MSL. TREE 5448 FT FROM DER, 386 FT LEFT OF CENTERLINE, 67 FT AGL/213 FT MSL. TREE 5703 FT FROM DER, 272 FT RIGHT OF CENTERLINE, 65 AGL/208 FT MSL. TREE 5728 FT FROM DER, 479 FT RIGHT OF CENTERLINE, 47 FT AGL/188 FT MSL. TREE 5914 FT FROM DER, 294 FT LEFT OF CENTERLINE, 54 FT AGL/218 FT MSL. TREE 5973 FT FROM DER, 7 FT LEFT OF CENTERLINE, 58 FT AGL/218 FT MSL. BLDG 1.0 NM FROM DER, 2084 FT RIGHT OF CENTERLINE, 23 FT AGL/178 FT MSL. BLDG LT 1.1 NM FROM DER, 257 FT RIGHT OF CENTERLINE, 40 FT AGL/238 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 272 FT MSL POLE 324348.70N/1170953.70W, 403 FT MSL ANTENNA 324349.95N/1170934.93W, 2765 FT MSL AAO 324146.95N/1165610.61W, 317 FT MSL TREE 324332.29N/1170932.15W.
RWY 27: 169 FT MSL TREE 324432.18W/1171251.95W, 339 FT MSL TREE 324422.95N/1171419.48W, 379 FT MSL TREE 324411.85N/1171433.22W.



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LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART V208-458 FROM OCN TO FALCC.
CHART: TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:

SAN DIEGO INTL
SAN DIEGO, CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, LINDBERGH TWR, SOCIAL DEP CON.

FIXES AND/OR NAVAIDS:

VORTAC: OCN, JLI, MZB, BOKNE INT.

REMARKS:



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CHANGES:

1. CHANGED R09 INITIAL HEADING FROM 091.99 TO 094.99 AND RWY 27 HEADINGS FROM 290 TP 293.
2. UPDATED RWY 27 TAKE OFF OBSTACLES.

REASONS:

1. AIRPORT MAGVAR UPDATED FROM E 14 TO E 11.
2. TO MATCH UPDATED 8260-15A, AMDT 8 TO PUBLISH 8/20/15.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LNSAY	FIVE	LNSAY5.LNSAY	FOUR	30 APR 2015	20 AUG 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
RW09			010		VA		FB		095.0 ()		AA 04000	
RW09			020		VI		FB		278.0 ()			
RW09	MAFAN		030		CF	L	FB		314.0 ()	020.0	AA 08000	
RW27			010		CA		FB		275.0 ()		AA 00417	
RW27			020		VI		FB		293.0 ()			
RW27	CLSTR		030		CF		FB		335.0 ()	005.0	AB 04000	
RW27	MAFAN		040		TF		FB				AA 08000	
	MAFAN		010		IF		FB				AA 08000	
	LNSAY		020		TF		FB				AA 08000	
FALCC	LNSAY		010		IF		FB					
FALCC	FALCC		020		TF		FB					
SLI	LNSAY		010		IF		FB					
SLI	HARBR		020		TF		FB					
SLI	SLI		030		TF		FB					
SXC	LNSAY		010		IF		FB					
SXC	HARBR		020		TF		FB					
SXC	SXC		030		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MZB	N324655.93	W1171331.49	N3246.932	W11713.525
	OCN	N331426.28	W1172503.79	N3314.438	W11725.063
	SLI	N334659.87	W1180317.12	N3346.998	W11803.285
	SXC	N332230.20	W1182511.68	N3322.503	W11825.195
	HARBR	N331416.76	W1175123.04	N3314.279	W11751.384
	LNSAY	N330846.20	W1172908.06	N3308.770	W11729.134
	CLSTR	N325209.52	W1172024.54	N3252.159	W11720.409
	FALCC	N331541.06	W1173406.47	N3315.684	W11734.108
	MAFAN	N330405.91	W1172546.95	N3304.099	W11725.783
	RW09	N324410.92	W1171204.43	N3244.182	W11712.074
	RW27	N324352.94	W1171050.26	N3243.882	W11710.838

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00016	55
	RW27	00015	65

