

FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE GRAPHIC DEPARTURE PROCEDURES (DP)

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>DP NAME</u>		<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
EL TORO		FIVE	ELB5.ELB	FOUR	01/08/2015	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>	
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DP ROUTE DESCRIPTION:

TAKEOFF RWY 2L: CLIMB ON HEADING 015.91 FOR RADAR VECTORS TO ELB VOR/DME. THENCE...
...(TRANSITION) OR (ASSIGNED ROUTE). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
OCEANSIDE	ELB5.OCN	ELB VOR/DME	SUBMR	165.00 (ELB R-165)	18.24	14000	4000	
		SUBMR	OCN VORTAC	102.00 (OCN R-282)	17.32	14000	3400	OCN AT/ABOVE 14000
THERMAL	ELB5.TRM	ELB VOR/DME	MANBY	095.00 (ELB R-095)	4.65	12000	4800	
		MANBY	MISIE	095.00 (ELB R-095)	5.01	12000	7100	
		MISIE	ZENAP	095.00 (ELB R-095)	7.71	12000	6800	ZENAP AT/ABOVE 12000
		ZENAP	PUNIE	061.12 (SXC R-061)	4.92	12000	5800	
		PUNIE	TEYKI	061.12 (SXC R-061)	23.28	12000	7300	
		TEYKI	HAPPE	083.12 (TRM R-263)	9.99	13100	12000	
		HAPPE	BALDI	083.12 (TRM R-263)	8.00	13100	11100	
		BALDI	CORLA	083.12 (TRM R-263)	11.00	13100	8000	
		CORLA	TRM VORTAC	083.12 (TRM R-263)	6.00	13100	5900	
IMPERIAL	ELB5.IPL	ELB VOR/DME	MANBY	095.00 (ELB R-095)	4.65	12000	4800	
		MANBY	MISIE	095.00 (ELB R-095)	5.01	12000	7100	
		MISIE	ZENAP	095.00 (ELB R-095)	7.71	12000	6800	ZENAP AT/ABOVE 12000
		ZENAP	JARDO	095.00 (ELB R-095)	7.24	12000	6800	
		JARDO	BONDO	134.69 (PDZ R-135)	24.02	12000	5100	

QUALITY
23
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
EL TORO	FIVE	ELB5.ELB	FOUR	01/08/2015	
	BONDO	WODON	134.69 (PDZ R-135)	28.97	12000 6400
	WODON	GWIRE	075.85 & 077.78 (MZB R-076 & IPL R-258)	42.22	12000 8500
	GWIRE	IPL VORTAC	077.78 (IPL R-258)	20.14	12000 2800

PBN REQUIREMENT NOTES:

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.
DME REQUIRED FOR IMPERIAL AND THERMAL TRANSITIONS.

PROCEDURAL DATA NOTES:

NOTE: RESTRICTED TO TURBOJET AND TURBOPROP AIRCRAFT ONLY.

TAKEOFF MINIMUMS:

RWY 2L: STANDARD WITH MINIMUM CLIMB OF 385 FT/NM TO 5600.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A - TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

CONTROLLING OBSTACLES:

RWY 2L: 4207 FT MSL AAO 334750.50N/1173612.00W

MSA:

MSA FROM ELB VOR/DME, 6900.

LOST COMMUNICATIONS PROCEDURES:

IF NOT IN CONTACT WITH DEPARTURE CONTROL BY ELB R-332, TURN RIGHT DIRECT ELB VOR/DME, CLIMB TO 7000 AND PROCEED ON ASSIGNED TRANSITION OR ROUTE. CLIMB TO FILED ALTITUDE TEN MINUTES AFTER DEPARTURE.

ADDITIONAL FLIGHT DATA:

AIRPORT MV: SNA 12E/2015
CHART: J2 BETWEEN WODON AND GWIRE
CHART: SXC R-061 AT ZENAP
CHART: ELB R-332
CHART: JLI R-323 AT TEYKI
CHART: TOP ALTITUDE: ASSIGNED BY ATC

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KSNA	SANTA ANA	CA

COMMUNICATIONS:

CHART: ATIS, CLEARANCE DELIVERY, GND CON, ZLA, SOCAL TRACON (REQUESTS 133.85 - 346.35)

FIXES AND/OR NAVAIDS:

SXC VORTAC, PDZ VORTAC, RAL VOR, JLI VORTAC, PSP VORTAC, MZB VORTAC



REMARKS:
ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY GARY J VEER	SIGNATURE <i>Digitally signed by</i> RAKE MCGRAW Mar 26, 2024	OFFICE FPO	DATE 03/13/2024	
DEVELOPED BY BRITNEY ARMENTROUT	SIGNATURE <i>Digitally signed by</i> BRITNEY ARMENTROUT Mar 25, 2024	OFFICE AJV-A422	DATE 06/12/2023	
APPROVED BY RAKE MCGRAW	SIGNATURE <i>Digitally signed by</i> RAKE MCGRAW Mar 26, 2024	OFFICE AJV-A422	DATE	TITLE MANAGER
REQUIRED EFFECTIVE DATE ROUTINE				

COORDINATED WITH:

A4A☒

ALPA☒

AOPA☒

APA☒

HAI☐

NBAA☒

OTHER: ZLA, SOCAL DEP CON, AMGR

CHANGES - REASONS:
1. DP ROUTE DESCRIPTION: ADDED "MAINTAIN ATC ASSIGNED ALTITUDE" - IAW 8260.46J 3-1-1.L(6).
2. EQUIPMENT REQUIRMENT NOTES: ADDED "RADAR REQUIRED" AND "DME REQUIRED FOR IMPERIAL AND THERMAL TRANSITIONS" - RAL R-194 AND R-180 ARE UNUSABLE AND IAW 8260.46J 2-1-1.F
3. REMOVED TAKE OFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A - TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - IAW 8260-46J APPENDIX D, SECTION 2 PARA 2-I.
2. MOCA VALUES CHANGED FOR OCEANSIDE, THERMAL AND IMPERIAL TRANSITIONS - NEW EVALUTATION PERFORMED/NEW CONTROLLING OBSTACLES.
3. MSA ADDED TO PROCEDURE - IAW 8260.46J APP D, SEC 2, PARA 2K.
4. REMOVED RAL R-194 AND R-180 FROM THERMAL AND IMPERIAL TRANSISTIONS AT MANBY AN MISIE AND ADDED DME REQUIRED NOTE FOR BOTH TRANSITIONS - R-194 AND R-180 UNUSABLE.
5. ADDITIONAL FLIGHT DATA: ADDED "AIRPORT MV: SNA 12E/2015" - IAW MEMO 283.

03/25/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 01/02/2024.
1. MSA CHANGED FROM ELB VORTAC TO ELB VOR/DME.

