

This is a CORRECTED COPY of the procedure
previously published in NFDD 058. This correction
is effective for 16MAY2024. Please see Page 3
for details.

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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
EL TORO	FIVE	ELB5.ELB	FOUR	01/08/2015	16MAY2024
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	☐	☐	☒	☐	☐

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):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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	

NFDD NO. 075

04/17/2024

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<u>DP NAME</u> EL TORO	<u>NUMBER</u> FIVE	<u>DP COMPUTER CODE</u> ELB5.ELB	<u>SUPERSEDED NUMBER</u> FOUR	<u>DATED</u> 01/08/2015	<u>ACTUAL EFFECTIVE DATE</u> 16MAY2024
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

QUALITY
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CHECKED

FAA Form 8260-15B (03/23) Supersedes Previous Edition

Electronic Version

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REMARKS:
ABBREVIATED AMENDMENT.

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

