

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DP Name SHORELINE	Number SEVEN	DP Computer Code SHOR7.OAK	Superseded Number SIX	Dated 24 JUL 14	Effective Date 30 APR 2015
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TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 28L/R: CLIMBING RIGHT TURN HEADING 043 (OR ASSIGNED HEADING BETWEEN SFO VOR/DME R-220 CW R-100), FOR VECTOR TO OAK VORTAC THEN VIA (TRANSITION) OR (ASSIGNED) ROUTE.

EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
LINDEN	SHOR7.LIN	OAK VORTAC	TAH DU INT/OAK 8.00 DME	040.00	8.00	4000	2900	AT/ABOVE 7000
		TAH DU INT/OAK 8.00 DME	SUZY E INT/OAK 21.02 DME	040.00 (OAK R-040)	13.02	6000	5000	
		SUZY E INT/OAK 21.02 DME	LIN VORTAC	060.00 (LIN R-240)	41.34	6000	3200	
SACRAMENTO	SHOR7.SAC	OAK VORTAC	SUXPY INT/OAK 8.00 DME	022.00	8.00	4000	3000	AT/ABOVE 6000
		SUXPY INT/OAK 8.00 DME	REJOY INT/OAK 34.04 DME	022.00 (OAK R-022)	26.04	5000		
		REJOY INT/OAK 34.04 DME	SAC VORTAC	015.00 (SAC R-195)	19.58	5000	1700	
RED BLUFF	SHOR7.RBL	OAK VORTAC	SUWAD INT/OAK 14.00 DME	347.00	14.00	4000	3100	AT/ABOVE 8000
		SUWAD INT/OAK 14.00 DME	SUTHU INT/OAK 73.89 DME	347.00 (OAK R-347)	59.89	14000	4300	
		SUTHU INT/OAK 73.89 DME	RBL VORTAC	337.20 (RBL R-157)	68.77	14000	2300	



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SHORELINE	SEVEN	SHOR7.OAK	SIX	24 JUL 14	30 APR 2015

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS:

RWY 28L: STANDARD WITH MINIMUM CLIMB OF 541 FT PER NM TO 2600.

RWY 28R: STANDARD WITH MINIMUM CLIMB OF 565 FT PER NM TO 2600.

NOTE: RADAR REQUIRED

NOTE: ROUTE DEPICTED FROM SFO RUNWAYS 28L/R TO THE OAK VORTAC IS A LOST COMMUNICATION PROCEDURE ONLY.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 28L, SIGN 19 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 5 FT AGL/9 FT MSL. OBSTRUCTION LIGHTS ON DME BEGINNING 277 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/26 FT MSL. OBSTRUCTION LIGHT ON LOCALIZER BEGINNING 219 FT FROM DER, ON CENTERLINE, UP TO 10 FT AGL/17 FT MSL. MULTIPLE POLES, ELECTRICAL SYSTEM BEGINNING 824 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/56 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS, TANK AND POLE BEGINNING 1305 FT FROM DER, 370 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

NOTE: RWY 28R, MULTIPLE SIGNS, BEGINNING 23 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/10 FT MSL. TERRAIN BEGINNING 58 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 10 FT MSL. SIGN, 63 FT FROM DER, 250 FT LEFT OF CENTERLINE, 5 FT AGL/8 FT MSL. TERRAIN BEGINNING 130 FT FROM DER, 235 FT LEFT OF CENTERLINE, UP TO 10 FT MSL. ANTENNA ON BUILDING, OBSTRUCTION LIGHT ON DME, TREE, BEGINNING 556 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/43 FT MSL. MULTIPLE POLES BEGINNING 918 FT FROM DER, 598 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/35 FT MSL. MULTIPLE BUILDINGS, TREES BEGINNING 1467 FT FROM DER, 683 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/68 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS. TREES AND ELECTRICAL SYSTEM BEGINNING 1826 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

CONTROLLING OBSTACLES:

RWY 28 L/R: 1374 FT MSL AAO 374041.90N/1222524.25W. 1569 FT MSL TOWER 374114.38N/1222605.34W.

LOST COMMUNICATIONS PROCEDURES:

TAKEOFF RUNWAYS 28L/28R: IF NOT IN CONTACT WITH DEPARTURE CONTROL ONE MINUTE AFTER CROSSING THE SFO R-342, PROCEED DIRECT TO OAK VORTAC. CROSS OAK VORTAC AT OR ABOVE 4000 FT.

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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AIRPORTS SERVED:

SAN FRANCISCO INTL

SAN FRANCISCO, CA

COMMUNICATIONS:

ATIS, GND CON, SAN FRANCISCO TOWER, NORCAL APP CON

FIXES AND/OR NAVAIDS:

SFO VOR/DME, ECA VOR/DME, SAU VORTAC, MYV VOR/DME, CCR VORDME, OAK VORTAC, ECA VOR/DME.

REMARKS:

MVA/MIA OBSTACLE CLEARANCE WILL BE PROVIDED ON TRANSITION ROUTES UNTIL AIRCRAFT REACHES MEA.
ROUTE DEPICTED FROM SFO RUNWAYS 28L/R TO THE OAK VORTAC IS A LOST COMMUNICATIONS PROCEDURE ONLY. EXPECT A RADAR VECTOR TO OAK VORTAC.
LETTER OF APPROVAL ON FILE FOR CG IN EXCESS OF 500 FT PER NM.



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COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, KSFO ATCT, NORCAL APP CON, ZOA, WESTERN FPO

CHANGES:

ADDED CHART: TOP ALTITUDE: ASSIGNED BY ATC.

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SHORELINE	SEVEN	SHOR7.OAK	SIX	24 JUL 14	30 APR 2015

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW28B		010		CA		FB		283.8 ()		AA 00413	
	RW28B		020		VM	R	FB		043.0 ()			
	RW28B	OAK	030		DF		FB					
	LIN	OAK	010		IF		FB					
	LIN	TAH DU	020		TF		FB				AA 07000	
	LIN	SUZYE	030		TF		FB					
	LIN	LIN	040		TF		FB					
	RBL	OAK	010		IF		FB					
	RBL	SUWAD	020		TF		FB				AA 08000	
	RBL	SUTHU	030		TF		FB					
	RBL	RBL	040		TF		FB					
	SAC	OAK	010		IF		FB					
	SAC	SUXPY	020		TF		FB				AA 06000	
	SAC	REJOY	030		TF		FB					
	SAC	SAC	040		TF		FB					

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LIN	N380428.52	W1210013.89	N3804.475	W12100.232
	OAK	N374333.32	W1221324.91	N3743.555	W12213.415
	RBL	N400556.08	W1221410.86	N4005.935	W12214.181
	SAC	N382637.48	W1213305.94	N3826.625	W12133.099
	REJOY	N380959.20	W1214615.14	N3809.987	W12146.252
	SUTHU	N385720.40	W1220648.60	N3857.340	W12206.810
	SUWAD	N375732.40	W1221210.80	N3757.540	W12212.180
	SUXPY	N374946.73	W1220703.50	N3749.779	W12207.058
	SUZYE	N375458.80	W1215108.40	N3754.980	W12151.140
	TAH DU	N374754.73	W1220457.01	N3747.912	W12204.950
	RW28L	N373643.54	W1222133.35	N3736.726	W12221.556
	RW28R	N373650.10	W1222129.00	N3736.835	W12221.483

RUNWAY DATA	THRESHOLD ELEVATION	TCH
RWY		
RW28L	00013	53
RW28R	00013	55

