

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

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MARINA	SEVEN	MARI7.DOKKS	SIX	10/17/2013	30 APR 2015

TYPE: SID

DP ROUTE DESCRIPTION:

TAKE-OFF RWY 10L/R: CLIMBING RIGHT TURN HEADING 150.00 TO INTERCEPT OAK R-121 TO DOKKS INT/OAK 12.26 DME THENCE...
 TAKE-OFF RWY 12: CLIMB HEADING 115.99 TO INTERCEPT AND PROCEED ON THE OAK R-121 TO DOKKS INT/OAK 12.26 DME.
 THENCE...

... ON ASSIGNED (TRANSITION). EXPECT CLEARANCE TO FILED ALTITUDE TEN 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	MARI7.LIN	DOKKS INT/OAK 12.26 DME	SITJI INT/OIS 18.00 DME	028.20 (OSI R-028)	2.56	6000		SITJI/OSI 18.00 DME AT OR ABOVE 6000
		SITJI INT/OIS 18.00 DME	BOWER INT/OSI 24.00 DME	028.20 (OSI R-028)	6.00	6000		BOWER/OSI 24.00 DME AT OR ABOVE 11000
		BOWER INT/OSI 24.00 DME	ALTAM INT/OSI 35.80 DME	028.20 (OSI R-028)	11.80	6000		
		ALTAM INT/OSI 35.80 DME	LIN VORTAC	049.20 (LIN R-229)	38.62	6000	4100	
SACRAMENTO	MARI7.SAC	DOKKS INT	SITJI INT/OIS 18.00 DME	028.20 (OSI R-028)	2.56	6000		SITJI/OSI 18.00 DME AT OR ABOVE 6000
		SITJI INT/OIS 18.00 DME	BOWER INT/OSI 24.00 DME	028.20 (OSI R-028)	6.00	6000		BOWER/OSI 24.00 DME AT OR ABOVE 11000
		BOWER INT/OSI 24.00 DME	ALTAM INT/OSI 35.80 DME	028.20 (OSI R-028)	11.80	6000		
		ALTAM INT/OSI 35.80 DME	SAC VORTAC	356.68 (SAC R-177)	38.97	6000		
SCAGGS ISLAND	MARI7.SGD	DOKKS INT/OAK 12.26 DME	SITJI INT/OIS 18.00 DME	028.20 (OSI R-028)	2.56	6000		SITJI/OSI 18.00 DME AT OR ABOVE 6000
		SITJI INT/OIS 18.00 DME	BOWER INT/OSI 24.00 DME	028.20 (OSI R-028)	6.00	6000		BOWER/OSI 24.00 DME AT OR ABOVE 11000
		BOWER INT/OSI 24.00 DME	ALTAM INT/OSI 35.80 DME	028.20 (OSI R-028)	11.80	6000		

QUALITY
12
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		ALTAM INT/OSI 35.80 DME	SGD VORTAC	289.35 (SGD R-109)	36.96	6100
RED BLUFF	MARI7.RBL	DOKKS INT/OAK 12.26 DME	SITJI INT/OIS 18.00 DME	028.20 (OSI R-028)	2.56	6000
		SITJI INT/OIS 18.00 DME	BOWER INT/OSI 24.00 DME	028.20 (OSI R-028)	6.00	6000
		BOWER INT/OSI 24.00 DME	ALTAM INT/OSI 35.80 DME	028.20 (OSI R-028)	11.80	6000
		ALTAM INT/OSI 35.80 DME	RBL VORTAC	332.36 (RBL R-152)	138.97	17000
WOODSIDE	MARI7.OSI	DOKKS INT	OSI VORTAC	208.20 (OSI R-028)	15.44	6000

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: WHEN ASSIGNED RED BLUFF TRANSITION, CROSS ALTAM AT OR ABOVE 17000 TO ENSURE RECPTION OF RED BLUFF VORTAC.

TAKEOFF MINIMUMS:

RWY 15, 28R, 28L, 30 AND 33 NA – AIR TRAFFIC

RWY 10L, 10R, 12 STANDARD WITH MINIMUM CLIMB OF 610 FT PER NM TO 16000, IF UNABLE TO MEET CLIMB GRADIENT ADVISE ATC

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 10L, BUILDING, HANGAR AND ROAD BEGINNING 225 FT FROM DER. 554 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/42 FT MSL. TREES BEGINNING 1644 FT FROM DER. 309 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/67 FT MSL.

NOTE: RWY 10R, RWY LIGHTS 9 FT FROM DER, 26 FT LEFT AND RIGHT OF CENTERLINE, 1 FT AGL/9 FT MSL. SIGN 63 FT FROM DER, 251 FT LEFT OF CENTERLINE, 4 FT AGL/10 FT MSL. SIGNS, FENCE AND POLES BEGINNING 361 FT FROM DER, 540 FT RIGHT OF CENTERLINE UP TO 35 FT AGL/44 FT MSL. SIGNS AND TREES BEGINNING 1160 FT FROM DER. 177 FT RIGHT OF CENTERLINE, UP TO 36 FT AGL/50 FT MSL.

NOTE: RWY 12, RWY END AND ALS LIGHTS BEGINNING 11 FT FROM DER, 9 FT LEFT AND RIGHT OF CENTERLINE, 1 FT AGL/10 FT MSL.

CONTROLLING OBSTACLES:

RWY 10L, 10R - 726 MSL AAO AND TERRAIN 374322.79N/1220137.71W.

RWY 12, 15 -1008 AAO AND TERRAIN 374327.62N1220710 .21W.

LOST COMMUNICATIONS PROCEDURES:



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ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC

REFERENCE MAG VAR: KOAK 14E EPOCH YR: 2015

DO NOT CHART AT OR ABOVE 17000 AT ALTAM ON GRAPHIC PORTION AS THIS ONLY APPLIES TO THE RED BLUFF
TRANSITION.**AIRPORTS SERVED:**

METROPOLITAN OAKLAND INTL

OAKLAND, CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON (NORTH AND SOUTH), NORCAL DEP CON, OAKLAND TOWER

FIXES AND/OR NAVAIDS:

ALCOA, BEBOP, CINNY, MOGEE, TIPRE, ECA VORTAC

REMARKS:THE 610 CG TO 16000 THEN CONTINUED STANDARD RATE OF CLIMB FOR THE RED BLUFF TRANSITION ENSURES THAT AIRCRAFT WILL MEET THE SITJI/6000 AND
BOWER 11000 CROSSING RESTRICTIONS AND CROSS ALTAM AT AN ALTITUDE THAT RED BLUFFVORTAC WILL BE RECEIVED (ESV MIN ALT 17000).ALL MEA'S AT 6000 WITH EXCEPTION OF ALTAM TO RED BLUFF VORTAC AT 17000 (RECEPTION ISSUE) AND ALTAM TO SKAGGS ISLAND VORTAC WITH IDENTIFIED
4049 AAO + 2000 EROUTE ROC=6049 OVER PRECIPITOUS TERRAIN THUS NO REDUCTION AUTHORIZED - MEA 6100.

TOOK 300 FT MOUNTAINOUS TERRAIN REDUCTION FROM ALTAM TO LIN VORTAC.



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CHANGES:

ADDED: CHART: TOP ALTITUDE: ASSIGNED BY ATC

REASONS:

ATC REQUEST



DEPARTURE (DATA RECORD)

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ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW10B		010		CA		FB		098.2 ()		AA 00409	
	RW10B		020		VI		FB		150.0 ()			
	RW10B	DOKKS	030		CF		FB		121.0 ()	008.0		
	RW12		010		VI		FB		116.0 ()			
	RW12	DOKKS	020		CF		FB		121.0 ()	008.0		
	LIN	DOKKS	010		IF		FB					
	LIN	SITJI	020		TF		FB				AA 06000	
	LIN	BOWER	030		TF		FB				AA 11000	
	LIN	ALTAM	040		TF		FB					
	LIN	LIN	050		TF		FB					
	OSI	DOKKS	010		IF		FB					
	OSI	OSI	020		TF		FB					
	RBL	DOKKS	010		IF		FB					
	RBL	SITJI	020		TF		FB				AA 06000	
	RBL	BOWER	030		TF		FB				AA 11000	
	RBL	ALTAM	040		TF		FB				AA 17000	
	RBL	RBL	050		TF		FB					
	SAC	DOKKS	010		IF		FB					
	SAC	SITJI	020		TF		FB				AA 06000	
	SAC	BOWER	030		TF		FB				AA 11000	
	SAC	ALTAM	040		TF		FB					
	SAC	SAC	050		TF		FB					
	SGD	DOKKS	010		IF		FB					
	SGD	SITJI	020		TF		FB				AA 06000	
	SGD	BOWER	030		TF		FB				AA 11000	
	SGD	ALTAM	040		TF		FB					
	SGD	SGD	050		TF	L	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				
	OSI	N372333.00		W1221652.68		N3723.550		W12216.878				
	RBL	N400556.08		W1221410.86		N4005.935		W12214.181				
	SAC	N382637.48		W1213305.94		N3826.625		W12133.099				
	SGD	N381045.70		W1222223.35		N3810.762		W12222.389				
	ALTAM	N374843.82		W1214449.54		N3748.730		W12144.826				
	BOWER	N374026.94		W1215525.66		N3740.449		W12155.428				
	DOKKS	N373425.77		W1220305.86		N3734.430		W12203.098				
	SITJI	N373614.00		W1220048.11		N3736.233		W12200.802				
	RW10L	N374349.69		W1221319.85		N3743.828		W12213.331				
	RW10R	N374343.35		W1221333.25		N3743.723		W12213.554				

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RW12	N374312.22	W1221431.61	N3743.204	W12214.527
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RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW10L	00006	49
RW10R	00008	50
RW12	00009	55

