

**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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
NUEVO	SIX	NUEVO6.EUGEN	FIVE	04/04/1991	10/17/2013

**TYPE:** SID

**DP ROUTE DESCRIPTION:**

TAKEOFF RUNWAY 28L: CLIMB HEADING 278.17 FOR RADAR VECTORS TO SAU R-168, CROSS 4 DME NORTHWEST OF OAK VORTAC AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE ...  
 TAKEOFF RUNWAY 28R: CLIMB HEADING 278.18 FOR RADAR VECTORS TO SAU R-168, CROSS 4 DME NORTHWEST OF OAK VORTAC AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE ...  
 TAKEOFF RUNWAY 30: CLIMB HEADING 296.01 FOR RADAR VECTORS TO SAU R-168, CROSS 4 DME NORTHWEST OF OAK VORTAC AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE ...

...INTERCEPT AND PROCEED ON THE SAU R-168 TO SAPLY INT AND ON BSR R-309 TO EUGEN INT, THEN VIA 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
SALINAS	NUEVO6.SNS	EUGEN	SNS VORTAC	105.70 (SNS R-286)	47.98	6000		
SHOEY	NUEVO6.SHOEY	EUGEN	SHOEY	128.91 (BSR R-309)	25.56	6000	3000	

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

RWY 10L, 10R, 12, 15, 33: NA - AIR TRAFFIC  
 TAKEOFF MINIMUMS: RWY 28L, 28R, 30, STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 2000.  
 CHART NOTE: RADAR REQUIRED.  
 CHART NOTE: DME REQUIRED.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 28L, RISING TERRAIN BEGINNING 8 FT FROM DER, CROSSING CENTERLINE, UP TO 9 FT MSL. MULTIPLE TREES BEGINNING 105 FT FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/80 FT MSL. TRAFFIC LIGHTS AND POLES BEGINNING 895 FT FROM DER, 164 FT LEFT OF CENTERLINE, UP TO 29 FT AGL/37 FT MSL.  
 SUBSTATION 1593 FT FROM DER, 871 FT LEFT OF CENTERLINE, 37 FT AGL/53 FT MSL. FENCE 95 FT FROM DER, 410 FT LEFT OF CENTERLINE, 6 FT AGL/13 FT MSL. MULTIPLE TREES BEGINNING 994 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/96 FT MSL.  
 NOTE: RWY 28R, MULTIPLE TREES BEGINNING 1745 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/96 FT MSL. MULTIPLE TREES BEGINNING 2053 FT FROM DER, 88 FT RIGHT OF CENTERLINE, UP TO 109 FT AGL/111 FT MSL.  
 NOTE: RWY 30, LIGHT POLE 582 FT FROM DER, 483 FT LEFT OF CENTERLINE, 16 FT AGL/26 FT MSL.

**CONTROLLING OBSTACLES:**

QUALITY  
3  
CHECKED

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**LOST COMMUNICATIONS PROCEDURES:**

AFTER REACHING 3000, TURN LEFT HEADING 200 DEGREES TO INTERCEPT AND PROCEED VIA SAU R-168, THEN RESUME OWN NAVIGATION.

**ADDITIONAL FLIGHT DATA:**

CHART PYE R-144 TO EUGEN  
CHART SJC R-219 TO EUGEN  
CHART SJC R-241 TO SAPLY  
CHART SNS R-264 TO SHOEY  
REFERENCE MAG VAR: KOAK 14E EPOCH YR: 2015

**AIRPORTS SERVED:**

METROPOLITAN OAKLAND INTL

OAKLAND, CA

**COMMUNICATIONS:**

ATIS, CLNC DEL, GND CON (NORTH, SOUTH), OAK TWR, NORCAL DEP CON

**FIXES AND/OR NAVAIDS:**

SJC, PYE VORTACS

**REMARKS:**

375 CG TO 2000 IS ATC REQUEST FOR RUNWAYS 28R, 28L, 30.  
METROPOLITAN OAKLAND INTL (KOAK) MAGVAR ROTATION FROM -16 TO -14 ON 10/17/2013.

