

**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.
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
COAST	NINE	COAST9.MCKEY	EIGHT	09/15/2016	01FEB2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 28L: CLIMB HEADING 278.17 FOR RADAR VECTORS TO PYE R-151, CROSS 4 DME NORTHWEST OF OAK VOR/DME AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE ...

TAKEOFF RUNWAY 28R: CLIMB HEADING 278.18 FOR RADAR VECTORS TO PYE R-151, CROSS 4 DME NORTHWEST OF OAK VOR/DME AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE...

TAKEOFF RUNWAY 30: CLIMB HEADING 296.01 FOR RADAR VECTORS TO PYE R-151, CROSS 4 DME NORTHWEST OF OAK VOR/DME AT OR ABOVE 1400 AND AT OR BELOW 2000. THENCE ...

...INTERCEPT AND PROCEED ON THE PYE R-151 TO SEGUL INT, THEN ON PYE R-151 TO CYPRS INT, THEN ON MQO R-295 TO MCKEY, THEN ON ASSIGNED (TRANSITION). MAINTAIN FL220. EXPECT CLEARANCE TO 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>
FELLOWS	COAST9.FLW	MCKEY INT/MQO 21.06 DME	MQO VORTAC	115.15 (MQO R-295)	21.06	FL220		
		MQO VORTAC	FLW VOR/DME	085.98 & 086.49 (MQO R-086 & FLW R-266)	45.00	FL220		
GAVIOTA	COAST9.GVO	MCKEY INT/MQO 21.06 DME	MQO VORTAC	115.15 (MQO R-295)	21.06	FL220		
		MQO VORTAC	GVO VORTAC	126.43 & 126.81 (MQO R-126 & GVO R-307)	54.35	FL220		
SAN MARCUS	COAST9.RZS	MCKEY INT/MQO 21.06 DME	MQO VORTAC	115.15 (MQO R-295)	21.06	FL220		
		MQO VORTAC	RZS VORTAC	116.07 & 118.64 (MQO R-116 & RZS R-299)	66.04	FL220		
SANTA CATALINA	COAST9.SXC	MCKEY INT/MQO 21.06 DME	DAISY/SXC 100.62 DME	130.73 (BSR R-131)	87.07	FL220		
		DAISY/SXC 100.62 DME	SXC VORTAC	107.24 (SXC R-287)	100.62	11000		

PROCEDURAL DATA NOTES:

CHART NOTE: RADAR REQUIRED.

CHART NOTE: DME REQUIRED.

TAKEOFF MINIMUMS:

RWY 10L, 10R, 12, 15, 33: NA - AIR TRAFFIC

RWY 28L, 28R, 30, STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 2000.

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

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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:

1814 FT MSL TOWER 374520.00N/1222710.00W

LOST COMMUNICATIONS PROCEDURES:

AFTER REACHING 3000, TURN LEFT HEADING 200 DEGREES TO INTERCEPT AND PROCEED ON PYE R-151, THEN RESUME OWN NAVIGATION.

ADDITIONAL FLIGHT DATA:

CHART SNS R-274 TO SEGUL.

CHART SNS R-233 TO CYPRS.

CHART BSR R- 131 TO MCKEY.

CHART GRAPHICALLY THE LOST COMMUNICATIONS.

REFERENCE MAG VAR: KOAK 14E EPOCH YR: 2015

CHART: TOP ALTITUDE : ASSIGNED BY ATC

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
METROPOLITAN OAKLAND INTL	OAKLAND	CA

COMMUNICATIONS:

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

FIXES AND/OR NAVAIDS:

SNS VORTAC , BENET/SXC 25 DME FIX



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REMARKS:

375 CG TO 2000 IS ATC REQUEST FOR RUNWAYS 28R, 28L, 30.
COAST NINE AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

FLIGHT INSPECTED BY:

NO FLIGHT INSPECTION REQUIRED
ROBERT STUCKERT, MANAGER, TECHNICAL SERVICES TEAM

Digitally signed by
DONALD H LANIER
Aug 16, 2017

OFFICE SYMBOL:**DATE:**

AJW-331

DEVELOPED BY:

LIAM DONAHUE

Digitally signed by
LIAM DONAHUE
Jul 24, 2017

OFFICE SYMBOL:**DATE:**

AJV-5431

07/24/2017

APPROVED BY:

PATRICK MULQUEEN

Digitally signed by
DONALD H LANIER
Aug 16, 2017

OFFICE SYMBOL:**DATE:**

AJV-5430

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZOA, OAK ATCT, NORCAL, ARPT MGR, WESTERN FPT

CHANGES - REASONS:

1. CHANGED THE FELLOWS VORTAC TO FELLOWS VOR/DME. - TACAN ANTENNA REPLACED WITH DME.

QUALITY
13
CHECKED