

**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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
OAKLAND	THREE	OAK3.OAK	TWO	10/12/2017	24MAY2018
<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"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RUNWAY 10L: CLIMB ON HEADING 098.16 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE ...

TAKEOFF RUNWAY 10R: CLIMB ON HEADING 098.15 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE ...

TAKEOFF RUNWAY 12: CLIMB ON HEADING 115.99 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX, THENCE ...

TAKEOFF RUNWAY 28L: CLIMB ON HEADING 278.17 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. CROSS 4 DME NORTHWEST OF OAK VOR/DME AT OR ABOVE 1400 AND AT OR BELOW 2000, THENCE ...

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

TAKEOFF RUNWAY 30: CLIMB ON HEADING 295.99 FOR RADAR VECTORS TO ASSIGNED ROUTE/FIX. CROSS 4 DME NORTHWEST OF OAK VOR/DME AT OR ABOVE 1400 AND AT OR BELOW 2000, THENCE ...

...MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT 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>
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PROCEDURAL DATA NOTES:

CHART NOTE: RADAR REQUIRED.

CHART NOTE: DME REQUIRED.

CHART NOTE: USE THE SILENT DEPARTURE DURING THE PERIODS OF 2200-0700 LOCAL IN LIEU OF THE OAKLAND DEPARTURE.

TAKEOFF MINIMUMS:

RWY 15, 33: NA - ATC.

RWY 10L: STANDARD WITH MINIMUM CLIMB OF 340 FT PER NM TO 2300.

RWY 10R: STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 2300.

RWY 12: STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 1400.

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

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.

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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.

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:

RWY 28L, 28R: 1814 FT MSL TOWER 374520.00N/1222710.00W.

RWY 10L, 10R: 1001 FT MSL AAO 374324.00N/1220715.00W.

LOST COMMUNICATIONS PROCEDURES:

IF NOT IN CONTACT WITH DEPARTURE CONTROL AFTER REACHING 5000 FT, CONTINUE CLIMB TO ASSIGNED ALTITUDE AND PROCEED DIRECT TO ASSIGNED ROUTE/FIX.

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

REFERENCE MAG VAR: KOAK 14E EPOCH YR: 2015

AIRPORTS SERVED:

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

COMMUNICATIONS:

ATIS, CLNC DEL, DEP CON

FIXES AND/OR NAVAIDS:

ALCOA, BEBOP, CINNY, CISKO, CYPRS, DEDHD, EBAYE, GRTFL, LOSHN, MOGEE, NTELL, ORRCA, SEGUL, SYRAH, TIPRE, AVE VOR/DME, CZQ VORTAC, ENI VORTAC, FLW VOR/DME, OSI VOR/DME, PXN VORTAC, RBL VORTAC, SGD VORTAC, SAC VORTAC, LIN VOR/DME, OAK VOR/DME.

QUALITY
8
CHECKED

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REMARKS:

- THE 375 FT CLIMB GRADIENT TO 2000 FT IS ON PROCEDURE TO ENSURE AIRCRAFT REACH MVA IN SUFFICIENT TIME FOR ATC TO INITIATE RADAR VECTORS AND KEEP AIRCRAFT IN THE 2000 MVA IF OPERATIONAL HOLD DOWN IS NECESSARY.
- ABBREVIATED AMENDMENT, DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED PROCESSED IAW
FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017

Digitally signed by

Digitally signed by
ADOLFO D URRUTIA

Dec 13, 2017

OFFICE SYMBOL:

AJW-333

DATE:**DEVELOPED BY:**

ADOLFO D URRUTIA

ADOLFO URRUTIA (CHRISTINE BAYSE)

Dec 13, 2017

OFFICE SYMBOL:

AJV-5432

DATE:

12/05/2017

Digitally signed by
APPROVED BY: ADOLFO D URRUTIA

PATRICK MULQUEEN Dec 13, 2017

OFFICE SYMBOL:

AJV-5430

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<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, NORCAL APP CON, OAK ATC, AMGR

CHANGES - REASONS:

- ADDED CISKO, CYPRS, EBAYE, LOSHN, NTELL, SEGUL, PXN VORTAC, CZQ VORTAC, AVE VOR/DME, FLW VOR/DME, AND OSI VOR/DME TO THE FIXES AND/OR NAVAIDS BLOCK - ATC REQUEST.