

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
KATFH	THREE	KATFH3.KATFH	TWO	08/20/2015	12AUG2021
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
☐	☐	☒	☐	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 10L: CLIMB ON HEADING 098.16 TO 520, THEN RIGHT TURN DIRECT TO CROSS ROWLY AT OR BELOW 3000, THEN ON TRACK 150.40 TO CROSS VYYDA AT OR BELOW 4000, THEN ON TRACK 150.29 TO CROSS KATFH AT OR ABOVE 6000, THENCE...

TAKEOFF RWY 10R: CLIMB ON HEADING 098.15 TO 520, THEN RIGHT TURN DIRECT TO CROSS ROWLY AT OR BELOW 3000, THEN ON TRACK 150.40 TO CROSS VYYDA AT OR BELOW 4000, THEN ON TRACK 150.29 TO CROSS KATFH AT OR ABOVE 6000, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 115.99 TO 520, THEN DIRECT TO CROSS ROWLY AT OR BELOW 3000, THEN ON TRACK 150.40 TO CROSS VYYDA AT OR BELOW 4000, THEN ON TRACK 150.29 TO CROSS KATFH AT OR ABOVE 6000, THENCE...

... ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 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>
KTINA	KATFH3.KTINA	KATFH	MCOVY	TRACK 150.37	6.01	6000	2700	
		MCOVY	KTINA	TRACK 130.63	71.14	9000	5800	
SUSEY	KATFH3.SUSEY	KATFH	MCOVY	TRACK 150.37	6.01	6000	2700	
		MCOVY	SUSEY	TRACK 126.13	71.77	9000	5800	
KAYEX	KATFH3.KAYEX	KATFH	MCOVY	TRACK 150.37	6.01	6000	2700	
		MCOVY	KAYEX	TRACK 121.09	73.04	9000	6000	
NTELL	KATFH3.NTELL	KATFH	MCOVY	TRACK 150.37	6.01	6000	2700	
		MCOVY	NTELL	TRACK 090.36	105.51	9000	6200	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

TAKEOFF MINIMUMS:

RWY 15, 28L/R, 30, 33: NA - ATC.

RWY 10L/R, 12: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KATFH	THREE	KATFH3.KATFH	TWO	08/20/2015	12AUG2021

CONTROLLING OBSTACLES:**LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: ASSIGNED BY ATC.
REFERENCE MAG VAR: KOAK 14E EPOCH YR: 2015.
DME/DME ASSESSMENT: SAT (RNP 2.0).
DO NOT CHART MOCA ALTITUDES.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
METRO OAKLAND INTL	KOAK	OAKLAND	CA

COMMUNICATIONS:

ATIS, CLNC DEL, CPDLC, GND CON, ATCT, NORCAL DEP CON.

FIXES AND/OR NAVAIDS:

CHART: CISK0, EBAYE, LOSHN.

REMARKS:

ABBREVIATED AMENDMENT. FLIGHT INSPECTION MAPS AND RNAV PRO RUNS RETAINED FROM KATFH TWO.
MOCA ALTITUDES NOT CHARTED PER ATC TO REDUCE CHART CLUTTER.

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

OFFICE**DATE****DEVELOPED BY**

FRANK JACKSON
Digitally signed by
FRANK JACKSON
Mar 21, 2021

Digitally signed by
DONALD H LANIER
Apr 05, 2021

OFFICE**DATE**

AJV-A431

03/09/2021

APPROVED BY

LONNIE EVERHART
Digitally signed by
DONALD H LANIER
Apr 05, 2021

OFFICE**DATE****TITLE**

AJV-A430

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:**OAK ATCT, NORCAL APP CON, ZOA.

CHANGES - REASONS:

1. UPDATED DP ROUTE DESCRIPTION FOR ALL RUNWAYS FROM CLIMB HEADING TO CLIMB ON HEADING - IAW 8260.46G, APPENDIX E, PARA 3.
2. UPDATED TAKEOFF RWY 10L INITIAL HEADING FROM 098.17 TO 098.16 - UPDATED AIRPORT DATA AND ALIGNED WITH RUNWAY ALIGNMENT.
3. DELETED CISK0, EBAYE, AND LOSHN TRANSITION SEGMENTS AND ALL ASSOCIATED DATA - PER ATC REQUEST DUE TO EXCESS COORDINATION BETWEEN NORCAL APP CON AND ARTCC.
4. CHANGED TRANSITION NAMES FROM CISK0 TO KTINA, EBAYE TO SUSEY, AND LOSHN TO KAYEX - DELETED TRANSITION TERMINATION POINT AND IAW 8260.46G, APPENDIX E, PARA 4 (A).
5. UPDATED AIRPORT NAME FROM METROPOLITAN OAKLAND INTL TO METRO OAKLAND INTL - MATCH NASR AND AIRNAV DATA.
6. ADDED CHART FIXES CISK0, EBAYE, AND LOSHN - ATC REQUEST FOR COORDINATION.
7. DELETED TAKEOFF OBSTACLE NOTES AND ADDED SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP) - AIRPORT HAS TEXTUAL ODP ESTABLISHED THAT CONTAINS TAKEOFF OBSTACLE NOTES.

QUALITY
5
CHECKED

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KATFH	THREE	KATFH3.KATFH	TWO	08/20/2015	12AUG2021

8. CHANGED CHART: TOP ALTITUDE: 3000 TO CHART: TOP ALTITUDE: ASSIGNED BY ATC - FPT/ATC REQUEST.

9. ADDED TO DP ROUTE DESCRIPTION MAINTAIN ATC ASSIGNED ALTITUDE - IAW 8260.46G, PARA 1-1-5 E (1) AND 8260.46G, PARA 3-1-1 L (6).



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
KATFH						THREE	KATFH3.KATFH	TWO	08/20/2015	12AUG2021
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW10L (AER)	374349.69N/1221319.85W	N	-	-	-	-				
520 MSL	-	-	-	VA	112.16	-	AT/ABOVE 520		CG 500 FT PER NM TO 520	
ROWLY	373559.87N/1220558.16W	Y	FB	DF	-	-	AT/BELOW 3000		RIGHT TURN	
VYYDA	373257.26N/1220454.13W	Y	FB	TF	164.40	3.16	AT/BELOW 4000			
KATFH	372707.73N/1220250.83W	Y	FB	TF	164.29	6.04	AT/ABOVE 6000			
RW10R (AER)	374343.35N/1221333.25W	N	-	-	-	-				
520 MSL	-	-	-	VA	112.15	-	AT/ABOVE 520		CG 500 FT PER NM TO 520	
ROWLY	373559.87N/1220558.16W	Y	FB	DF	-	-	AT/BELOW 3000		RIGHT TURN	
VYYDA	373257.26N/1220454.13W	Y	FB	TF	164.40	3.16	AT/BELOW 4000			
KATFH	372707.73N/1220250.83W	Y	FB	TF	164.29	6.04	AT/ABOVE 6000			
RW12 (AER)	374312.23N/1221431.61W	N	-	-	-	-				
520 MSL	-	-	-	VA	129.99	-	AT/ABOVE 520		CG 500 FT PER NM TO 520	
ROWLY	373559.87N/1220558.16W	Y	FB	DF	-	-	AT/BELOW 3000			
VYYDA	373257.26N/1220454.13W	Y	FB	TF	164.40	3.16	AT/BELOW 4000			
KATFH	372707.73N/1220250.83W	Y	FB	TF	164.29	6.04	AT/ABOVE 6000			
KATFH	372707.73N/1220250.83W	Y	-	IF	-	-	AT/ABOVE 6000		KATFH3.KTINA	
MCOVY	372119.81N/1220048.94W	Y	FB	TF	164.37	6.01				
KTINA	362303.60N/1210948.62W	Y	FB	TF	144.63	71.14				

QUALITY
5
CHECKED

QUALITY
5
CHECKED

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
KATFH		THREE		KATFH3.KATFH		TWO		08/20/2015	12AUG2021
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
KATFH	372707.73N/1220250.83W	Y	-	IF	-	-	AT/ABOVE 6000		KATFH3.SUSEY
MCOVY	372119.81N/1220048.94W	Y	FB	TF	164.37	6.01			
SUSEY	362556.87N/1210347.99W	Y	FB	TF	140.13	71.77			
KATFH	372707.73N/1220250.83W	Y	-	IF	-	-	AT/ABOVE 6000		KATFH3.KAYEX
MCOVY	372119.81N/1220048.94W	Y	FB	TF	164.37	6.01			
KAYEX	362914.95N/1205652.29W	Y	FB	TF	135.09	73.04			
KATFH	372707.73N/1220250.83W	Y	-	IF	-	-	AT/ABOVE 6000		KATFH3.NTELL
MCOVY	372119.81N/1220048.94W	Y	FB	TF	164.37	6.01			
NTELL	365358.99N/1195322.21W	Y	FB	TF	104.36	105.51			

QUALITY
5
CHECKED