

**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SUPERSEDED NUMBER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>
FTHIL	THREE	FTHIL3.FTHIL	TWO	04/30/2015	21MAY2020

<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 checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17L: CLIMB ON HEADING 167.76 TO 540, THEN LEFT TURN DIRECT FTHIL. THENCE...

TAKEOFF RWY 17R: CLIMB ON HEADING 167.75 TO 540, THEN LEFT TURN DIRECT FTHIL. THENCE...

TAKEOFF RWY 35L: CLIMB ON HEADING 347.75 TO 540, THEN RIGHT TURN DIRECT FTHIL. THENCE...

TAKEOFF RWY 35R: CLIMB ON HEADING 347.75 TO 540, THEN RIGHT TURN DIRECT FTHIL. THENCE...

...ON TRANSITION. MAINTAIN FL190. 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>
FRIANT	FTHIL3.FRA	FTHIL	GRDOE	TRACK 112.05	11.97	16000	7100	
		GRDOE	FRA VORTAC	TRACK 136.35	58.45	FL180		

PROCEDURAL DATA NOTES:

NOTE: RNAV-1

NOTE: RADAR REQUIRED

NOTE: DME/DME/IRU OR GPS REQUIRED

TAKEOFF MINIMUMS:

RWY 17L, 17R, 35L, 35R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 17L: 533 FT MSL TOWER 383808.90N/1213314.40W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSMF 13E EPOCH YR: 2020

DME/DME ASSESSMENT: SAT (RNP 2.0)

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
SACRAMENTO INTL	KSMF	SACRAMENTO	CA

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, NORCAL DEP CON



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
FTHIL	THREE	FTHIL3.FTHIL	TWO	04/30/2015	21MAY2020

FIXES AND/OR NAVAIDS:

REMARKS:

ABBREVIATED AMENDMENT - FLIGHT INSPECTION MAPS AND RNAV PRO RUNS RETAINED FROM FTHIL TWO.

ATC REQUESTS TOP ALTITUDE INFORMATION NOT BE CHARTED.

ATC REQUESTS TO HAVE THE NOTE "RADAR REQUIRED" ON THE SID.

FLIGHT INSPECTED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

OFFICE

DATE

Digitally signed by

ALLAN WILL

Jan 15, 2020

DEVELOPED BY

KELLIE BARNES

Digitally signed by

KELLIE R BARNES

Dec 18, 2019

OFFICE

AJV-A423

DATE

12/12/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Jan 15, 2020

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOA, NORCAL TRACON, CAPITOL ATCT, AMGR

CHANGES - REASONS:

1. CHANGED ALL RUNWAY NUMBERS FROM 16L/R AND 34L/R TO 17L/R AND 35L/R - CURRENT AIRNAV DATA
2. REMOVED ALL TAKEOFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)." - CURRENT DOCUMENTATION CRITERIA
3. CHANGED ALL DP ROUTE DESCRIPTIONS FROM "CLIMB HEADING..." TO "CLIMB ON HEADING..." - CURRENT DOCUMENTATION CRITERIA
4. CHANGED ALL DP ROUTE DESCRIPTIONS FROM "...TURN DIRECT TO FTHIL" TO "...TURN DIRECT FTHIL" - CURRENT DOCUMENTATION CRITERIA
5. REFORMATTED REFERENCE MAG VAR NOTE IN ADDITIONAL FLIGHT DATA - CURRENT DOCUMENTATION CRITERIA
6. CHANGED ALL COMPUTER CODE NUMBERS FROM 2 TO 3 - NEW AMENDMENT
7. REMOVED COMMENT ABOUT RUNWAY RENUMBERING AT A LATER DATE FROM REMARKS SECTION - RUNWAY IS BEING RENUMBERED WITH THIS AMENDMENT



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

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>				
FTHIL	THREE	FTHIL3.FTHIL	TWO	04/30/2015	21MAY2020				
<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>
RW17L (AER)	384225.70N/1213448.21W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	180.76	-			LEFT TURN
FTHIL	380335.97N/1202521.87W	Y	FB	DF	-	-			
RW17R (AER)	384226.42N/1213603.90W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	180.75	-			LEFT TURN
FTHIL	380335.97N/1202521.87W	Y	FB	DF	-	-			
RW35L (AER)	384101.44N/1213605.31W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	000.75	-			RIGHT TURN
FTHIL	380335.97N/1202521.87W	Y	FB	DF	-	-			
RW35R (AER)	384100.65N/1213449.64W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	000.75	-			RIGHT TURN
FTHIL	380335.97N/1202521.87W	Y	FB	DF	-	-			
FTHIL	380335.97N/1202521.87W	Y	-	IF	-	-			FTHIL3.FRA
GRDOE	375642.51N/1201258.67W	Y	FB	TF	125.05	11.97			
FRA VORTAC	370615.92N/1193543.60W	Y	FB	TF	149.35	58.45			

