

**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SUPERSEDED NUMBER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>
SANTA MONICA	ONE	SMO1.CHOII	NONE		02 MAR 2017

<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"/>

**This is a corrected copy of the procedure published in NFDD 009.
*The DP Computer Code was updated.***

DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB HEADING 032.57 TO 680, THEN DIRECT TO CROSS TREKK AT OR ABOVE 4000, THEN ON TRACK 035.83 TO DARTS, THEN ON TRACK 328.68 TO CROSS CHOII AT OR ABOVE 7100, THENCE...

TAKEOFF RWY 21: CLIMB HEADING 212.58 TO INTERCEPT COURSE 260.13 TO WRASH, THEN ON TRACK 262.45 TO CROSS CTRUS AT OR ABOVE 5000, THEN ON TRACK 349.99 TO CROSS DZINE AT OR ABOVE 6000, THEN ON TRACK 042.23 TO SEAEM, THEN ON TRACK 008.11 TO CROSS CHOII AT OR ABOVE 7100, THENCE...

...ON ASSIGNED TRANSITION MAINTAIN ALTITUDE ASSIGNED BY ATC, 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>
DAGGETT	SMO1.DAG	CHOII	SLAPP	TRACK 008.48	4.98	7100		SLAPP AT/ABOVE 9000
		SLAPP	JARZO	TRACK 054.65	6.73	7500		JARZO AT/ABOVE 10300
		JARZO	VVERA	TRACK 064.72	23.44	11000		
		VVERA	SSETH	TRACK 064.88	37.07	13000		
		SSETH	DAG VORTAC	TRACK 045.76	25.55	13000		
HECTOR	SMO1.HEC	CHOII	SLAPP	TRACK 008.48	4.98	7100		SLAPP AT/ABOVE 9000
		SLAPP	JARZO	TRACK 054.65	6.73	7500		JARZO AT/ABOVE 10300
		JARZO	VVERA	TRACK 064.72	23.44	11000		
		VVERA	SSETH	TRACK 064.88	37.07	13000		
		SSETH	HEC VORTAC	TRACK 070.20	27.60	13000		

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: DME/DME/IRU OR GPS REQUIRED.



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SANTA MONICA	ONE	SMO1.CHOII	NONE		02 MAR 2017

NOTE: RADAR REQUIRED.

NOTE: THIS DEPARTURE PROCEDURE NOT AUTHORIZED FOR TURBO-JET AIRCRAFT.

NOTE: ALL RWY 21 DEPARTURES EXPECT RADAR VECTORS TO SEAEM PRIOR TO CTRUS.

TAKEOFF MINIMUMS:

RWY 3: STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 680.

RWY 21: STANDARD WITH A MINIMUM CLIMB OF 427 FT PER NM TO 700.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 3, TREE, SIGN, ELEC SYS, LT STANDARD, AND POLE BEGINNING 27 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 213 FT MSL. SIGN BEGINNING 64 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/181 FT MSL. TREE 326 FT FROM DER, 237 FT LEFT OF CENTERLINE, 206 FT MSL. TREES BEGINNING 365 FT FROM DER, 290 FT LEFT OF CENTERLINE, UP TO 207 FT MSL. TREE 473 FT FROM DER, 432 FT LEFT OF CENTERLINE, 213 FT MSL.

NOTE: RWY 21, SMO VOR/DME 106 FT FROM DER, 257 FT LEFT OF CENTERLINE, UP TO 18 FT AGL/122 FT MSL. TREE 145 FT FROM DER, 245 FT RIGHT OF CENTERLINE, 125 FT MSL. TREE 155 FT FROM DER, 306 FT RIGHT OF CENTERLINE, 130 FT MSL. ANT ON BLDG AND TREE BEGINNING 285 FT FROM DER, 260 FT RIGHT OF CENTERLINE, UP TO 150 FT MSL. TREE AND BLDG BEGINNING 470 FT FROM DER, 196 FT RIGHT OF CENTERLINE, UP TO 175 FT MSL. TREE 477 FT FROM DER, 51 FT LEFT OF CENTERLINE, 133 FT MSL. TREE, T-L TWR, AND POLE BEGINNING 688 FT FROM DER, 285 FT RIGHT OF CENTERLINE, UP TO 196 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: SPEED ICON MAXIMUM 250 KIAS AT DZINE.

CHART: SPEED ICON MAXIMUM 250 KIAS AT JARZO.

CHART: TOP ALTITUDE ASSIGNED BY ATC.

REFERENCE MAG VAR: KSMO 12E EPOCH YR: 2020

DME/DME ASSESSMENT SAT: RNP (2.0).

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
SANTA MONICA MUNI	SANTA MONICA	CA

COMMUNICATIONS:

KSMO ATCT, SOCAL DEP CON

FIXES AND/OR NAVAIDS:



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SANTA MONICA	ONE	SMO1.CHOII	NONE		02 MAR 2017

REMARKS:

FLIGHT INSPECTED BY: *Digitally signed by*
SCOTT A THOMPSON **BEV L BORDY**
Dec 21, 2016

OFFICE SYMBOL: FIOG
DATE: 12/28/2016

DEVELOPED BY: *Digitally signed by*
SEAN BARBEE **SEAN BARBEE**
Dec 14, 2016

OFFICE SYMBOL: AJV-5431
DATE: 10/22/2016

APPROVED BY: *Digitally signed by*
PATRICK MULQUEEN **BEV L BORDY**
Dec 21, 2016

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:**CHANGES - REASONS:**

ORIGINAL

1/04/201: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/21/2016.
1. CHANGED DP COMPUTER CODE ALL PAGES FROM SMO.CHOI TO
SMO1.CHOII.

QUALITY
4
CHECKED

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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
SANTA MONICA		ONE		SMO1.CHOII		NONE				02 MAR 2017	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
RW03 (AER)	340039.44N/1182725.43W	N									
680 MSL				VA	044.57				CG 500 FT PER NM TO 680		
TREKK	340629.10N/1181959.90W	Y	FB	DF			AT/ABOVE 4000				
DARTS	340921.77N/1181610.54W	Y	FB	TF	047.83	4.28					
CHOII	342309.61N/1182200.58W	Y	FB	TF	340.68	14.60	AT/ABOVE 7100				
RW21 (AER)	340114.48N/1182643.96W	N									
	335949.65N/1182824.32W			VI	224.58	1.98			CG 427 FT PER NM TO 700		
WRASH	340002.48N/1183512.63W	Y	FB	CF	272.13	5.66			REFERENCE NAVAID: TFD VORTAC		
CTRUS	340023.18N/1184033.81W	Y	FB	TF	274.45	4.46	AT/ABOVE 5000				
DZINE	340551.04N/1184020.14W	Y	FB	TF	001.99	5.46	AT/ABOVE 6000	AT/BELOW 250K			
SEAEM	341430.89N/1182549.76W	Y	FB	TF	054.23	14.82					
CHOII	342309.61N/1182200.58W	Y	FB	TF	020.11	9.19	AT/ABOVE 7100				
CHOII	342309.61N/1182200.58W	Y		IF			AT/ABOVE 7100		SMO1.DAG		
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98	AT/ABOVE 9000				
JARZO	343030.27N/1181225.34W	Y	FB	TF	066.65	6.73	AT/ABOVE 10300	AT/BELOW 250K			
VVERA	343550.90N/1174446.99W	Y	FB	TF	076.72	23.44					
SSETH	344408.66N/1170058.77W	Y	FB	TF	076.88	37.07					
DAG VORTAC	345744.85N/1163441.40W	Y	FB	TF	057.76	25.55					

QUALITY

4

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SANTA MONICA		ONE		SMO1.CHOII		NONE			02 MAR 2017
<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>
CHOII	342309.61N/1182200.58W	Y		IF			AT/ABOVE 7100		SMO1.HEC
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98	AT/ABOVE 9000		
JARZO	343030.27N/1181225.34W	Y	FB	TF	066.65	6.73	AT/ABOVE 10300	AT/BELOW 250K	
VVERA	343550.90N/1174446.99W	Y	FB	TF	076.72	23.44			
SSETH	344408.66N/1170058.77W	Y	FB	TF	076.88	37.07			
HEC VORTAC	344749.26N/1162746.52W	Y	FB	TF	082.20	27.60			

QUALITY
4
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