

**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SUPERSEDED NUMBER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>
CHOII	FOUR	CHOII4.CHOII	THREE	09/10/2020	

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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DP ROUTE DESCRIPTION:

TAKEOFF RWY 3: CLIMB DIRECT TREKK, 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, THEN ON ASSIGNED TRANSITION, MAINTAIN FL230. 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>
BLH	CHOII4.BLH	CHOII	SLAPP	TRACK 008.48	4.98	7100	7100	
		SLAPP	YAAPY	TRACK 027.59	15.62	7500	7500	YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900	
		JETHK	AERRO	TRACK 103.30	51.29	15000	10500	
		AERRO	DECAS	TRACK 098.29	84.33	15000	12200	
		DECAS	BLH VORTAC	TRACK 099.19	37.38	15000	5800	
COREZ	CHOII4.COREZ	CHOII	YUMMI	TRACK 289.83	16.84	7100	7000	
		YUMMI	SHORS	TRACK 306.59	20.91	10300	10300	
		SHORS	MDWAY	TRACK 317.53	12.49	10300	10300	
		MDWAY	COREZ	TRACK 317.48	40.49	14000	7500	
CSTRO	CHOII4.CSTRO	CHOII	YUMMI	TRACK 289.83	16.84	7100	7000	
		YUMMI	HEYJO	TRACK 329.33	11.74	8000	8000	
		HEYJO	CSTRO	TRACK 318.52	50.20	14000	8000	
FIM	CHOII4.FIM	CHOII	FIM VORTAC	TRACK 254.21	25.61	7100	6800	

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CHOII		FOUR	CHOII4.CHOII	THREE	09/10/2020		
HAILO	CHOII4.HAILO	CHOII	SLAPP	TRACK 008.48	4.98	7100	7100
		SLAPP	YAAPY	TRACK 027.59	15.62	7500	7500 YAPPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	GUNNR	TRACK 057.13	27.54	15000	6300
		GUNNR	ARMY	TRACK 035.41	16.52	17000	6800
		ARMY	HAILO	TRACK 035.44	51.05	17000	7500
HEC	CHOII4.HEC	CHOII	SLAPP	TRACK 008.48	4.98	7100	7100
		SLAPP	YAAPY	TRACK 027.59	15.62	7500	7500 YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	HEC VORTAC	TRACK 072.22	51.92	15000	7700
LAS	CHOII4.LAS	CHOII	SLAPP	TRACK 008.48	4.98	7100	7100
		SLAPP	YAAPY	TRACK 027.59	15.62	7500	7500 YAAPY AT/ABOVE 15000
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	NNAVY	TRACK 060.08	40.46	15000	6300
		NNAVY	BLAZN	TRACK 035.24	63.19	17000	6700
		BLAZN	LAS VORTAC	TRACK 036.23	40.41	17000	9800



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CHOII		FOUR	CHOII4.CHOII	THREE	09/10/2020		
MISEN	CHOII4.MISEN	CHOII	SLAPP	TRACK 008.48	4.98	7100	7100
		SLAPP	YAAPY	TRACK 027.59	15.62	7500	7500
		YAAPY	JETHK	TRACK 066.34	8.01	15000	4900
		JETHK	BBITE	TRACK 073.76	10.59	15000	5900
		BBITE	ANTLP	TRACK 075.23	12.39	15000	6400
		ANTLP	NNAVY	TRACK 060.08	40.46	15000	6300
		NNAVY	MISEN	TRACK 043.49	19.37	15000	5500

PBN REQUIREMENT NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT.

PROCEDURAL DATA NOTES:

NOTE: TURBOJET AIRCRAFT ONLY.

NOTE: MISEN TRANSITION RESTRICTED TO AIRCRAFT LANDING LAS VEGAS TERMINAL AREA.

NOTE: HAILO TRANSITION: DO NOT FILE - TO BE ASSIGNED BY ATC.

TAKEOFF MINIMUMS:

RWY 21: NA - ATC.

RWY 3: STANDARD WITH MINIMUM CLIMB OF 339 FT/NM TO 6400.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 3: 4840 FT MSL AAO 342057.00N/1181848.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 862 FT MSL BUILDING 340324.41N/1182458.01W (CLIMB GRADIENT).

MSA:

SMO, 7800

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORT MV: SMO 12E/2020.

CHART: TOP ALTITUDE: FL230.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
SMO	SANTA MONICA	CA

COMMUNICATIONS:

CHART: ATIS, SMO ATCT, SOCAL APP CON.



FIXES AND/OR NAVAIDS:

REMARKS:
DO NOT CHART MOCA: FROM CHOII TO SLAPP, SLAPP TO YAPPY, CHOII TO YUMMI, YUMMI TO SHORS, SHORS TO MDWAY, YUMMI TO HEYJO, CHOII TO FIM VORTAC.
VEGETATION HEIGHT 75 FEET PER FPT.
ORDER 8260.3G, LEGACY ICA USED FOR DESIGN AND EVALUATION.
BANK ANGLE OVERRIDE OF 16 DEGREES APPLIED IN SEGMENTS ENDING AT JETHK AND YAPPY, AND 25.49 DEGREES IN SEGMENT ENDING AT SLAPP TO MEET LEG LENGTH CRITERIA IAW 8260.58D, 1-2-5.C(3)(B) AND (D) AND WAIVER TO FAA ORDER 8260.58D, PARA 1-2-5.C(3) MAXIMUM BANK ANGLE.

FLIGHT INSPECTED BY	SIGNATURE	OFFICE	DATE	
DEVELOPED BY	SIGNATURE	OFFICE	DATE	
TARA MARTINELLI (DANIEL C JOHNSEN)		AJV-A421	05/15/2026	
APPROVED BY	SIGNATURE	OFFICE	DATE	TITLE
TARA MARTINELLI		AJV-A421	09/24/2026	MANAGER

REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZLA, SOCAL APP CON, SMO ATCT, AMGR

- CHANGES - REASONS:
1. ADDED MOCAS TO ALL TRANSITION ROUTES -- UPDATED IAW 8260.46K, APPENDIX E, 2.D(8).
 2. DELETED CROSSING ALTITUDES AT JETHK AND BBITE -- ATC REQUEST.
 3. CHANGED MEA IN SEGMENTS GUNNR-ARRMY-HAILO AND NNAVY-BLAZN-LAS FROM "15000" TO "17000" -- MITIGATE CRITICAL DME AND EXCESSIVE DRIFT TIME.
 4. CHANGED ANTLP-NNAVY COURSE FROM "060.07" TO "060.08" -- RECALCULATED IN TARGETS 8.0.
 5. COMBINED NOTES "RNAV 1" AND "DME/DME/IRU OR GPS REQUIRED" TO "RNAV 1 - DME/DME/IRU OR GPS" AND MOVED TO PBN REQUIREMENT NOTES -- UPDATED IAW 8260.46K, 2-1-5.I NOTES.
 6. CHANGED "RADAR REQUIRED" TO "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" AND MOVED TO EQUIPMENT REQUIREMENT NOTES -- UPDATED IAW 8260.46K, 2-1-5.J(2)(B).
 7. CHANGED RWY 3 TAKEOFF MINIMUMS FROM "CG 500 FT PER NM TO 680, 275 FT PER NM TO 4300" TO "CG 339 FT PER NM TO 6400" -- NEW CONTROLLING OBSTACLES IDENTIFIED IN EVALUATION AND LNAV ENGAGEMENT NOT REQUIRED PER 8260.46K, TABLE 3-1-1.
 8. DELETED TAKEOFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" -- UPDATED IAW 8260.46K, APPENDIX E, 2.1.
 9. CHANGED RWY 3 CONTROLLING OBSTACLE FROM "3296 FEET MSL TOWER 341254.70N/1181647.60W" TO "4840 FT MSL AAO 342057.00N/1181848.00W (CLIMB GRADIENT TERMINATION ALTITUDE), 862 FT MSL BUILDING 340324.41N/1182458.01W (CLIMB GRADIENT)" -- NEW OBSTACLE EVALUATION; UPDATED IAW 8260.46K, APPENDIX E, 2.J(1).
 10. ADDED REMARK: "DO NOT CHART MOCA: FROM CHOII TO SLAPP, SLAPP TO YAPPY, CHOII TO YUMMI, YUMMI TO SHORS, SHORS TO MDWAY, YUMMI TO HEYJO, CHOII TO FIM VORTAC" -- REDUCE CHART CLUTTER IAW 8260.46K, 3-1-1.J(2)(B).
 11. CHANGED DP ROUTE DESCRIPTION FROM "CLIMB ON HEADING 032.57 TO 680, THEN DIRECT TO CROSS TREKK AT OR ABOVE 4000" TO "CLIMB DIRECT TREKK, CROSS TREKK AT OR ABOVE 4000..." AND FROM "THENCE... ON ASSIGNED TRANSITION" TO "THEN ON ASSIGNED TRANSITION-- UPDATED IAW 8260.46K, TABLE 3-1-1.
 12. CHANGED HAILO TRANSITION NOTE FROM "HAILO TRANSITION ATC ASSIGNED ONLY" TO "HAILO TRANSITION: DO NOT FILE - TO BE ASSIGNED BY ATC" -- UPDATED IAW 8260.46K, 2-1-5.H(9).
 13. ADDED MSA -- UPDATED IAW 8260.46K, 3-1-2.
 14. ADDED VEGETATION HEIGHT, LEGACY ICA AND BANK ANGLE OVERRIDE REMARKS -- FOR FUTURE SPECIALIST INFORMATION AND IAW 8260.46K, 2-1-1.I.



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

DP NAME						NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
CHOII						FOUR	CHOII4.CHOII	THREE	09/10/2020	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW03 (AER)	340044.63N/1182719.29W	N	-	-	-	-				
TREKK	340629.10N/1181959.90W	Y	FB	DF	-	8.36	AT/ABOVE 4000		CG 339 FT/NM TO 6400	
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			
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.BLH	
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98				
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000			
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01				
AERRO	341919.37N/1170220.21W	Y	FB	TF	115.30	51.29				
DECAS	334924.93N/1152723.80W	Y	FB	TF	110.29	84.33				
BLH VORTAC	333545.83N/1144540.58W	Y	FB	TF	111.19	37.38				
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.COREZ	
YUMMI	343202.11N/1183919.61W	Y	FB	TF	301.83	16.84				
SHORS	344743.61N/1185607.37W	Y	FB	TF	318.59	20.91				
MDWAY	345830.50N/1190349.98W	Y	FB	TF	329.53	12.49				
COREZ	353324.00N/1192901.98W	Y	FB	TF	329.48	40.49				
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.CSTRO	
YUMMI	343202.11N/1183919.61W	Y	FB	TF	301.83	16.84				
HEYJO	344310.33N/1184353.04W	Y	FB	TF	341.33	11.74			QUALITY	

QUALITY
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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>
CHOII		FOUR		CHOII4.CHOII		THREE		09/10/2020	
<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>
CSTRO	352652.66N/1191407.00W	Y	FB	TF	330.52	50.20			
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.FIM
FIM VORTAC	342124.10N/1185252.65W	Y	FB	TF	266.21	25.61			
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.HAILO
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98			
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
GUNNR	345237.00N/1165913.00W	Y	FB	TF	069.13	27.54			
ARMY	350348.00N/1164424.00W	Y	FB	TF	047.41	16.52			
HAILO	353814.00N/1155816.00W	Y	FB	TF	047.44	51.05			
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.HEC
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98			
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
HEC VORTAC	344749.26N/1162746.52W	Y	FB	TF	084.22	51.92			

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
CHOII		FOUR		CHOII4.CHOII		THREE		09/10/2020	
<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	-	-			CHOII4.LAS
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98			
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
NNAVY	345510.68N/1164340.88W	Y	FB	TF	072.08	40.46			
BLAZN	353755.21N/1154646.06W	Y	FB	TF	047.24	63.19			
LAS VORTAC	360446.93N/1150935.27W	Y	FB	TF	048.23	40.41			
CHOII	342309.61N/1182200.58W	Y	-	IF	-	-			CHOII4.MISEN
SLAPP	342750.14N/1181954.07W	Y	FB	TF	020.48	4.98			
YAAPY	343953.00N/1180750.00W	Y	FB	TF	039.59	15.62	AT/ABOVE 15000		
JETHK	344129.87N/1175819.35W	Y	FB	TF	078.34	8.01			
BBITE	344216.22N/1174530.87W	Y	FB	TF	085.76	10.59			
ANTLP	344251.26N/1173029.82W	Y	FB	TF	087.23	12.39			
NNAVY	345510.68N/1164340.88W	Y	FB	TF	072.08	40.46			
MISEN	350608.46N/1162413.86W	Y	FB	TF	055.49	19.37			