

**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.

DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
IKONE	ONE	IKONE1.IKONE	NONE		12JUNE2025

TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 13L: CLIMB ON HEADING 130.39 TO 977, THEN ON HEADING 110.00 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS MYKUL AT OR ABOVE 9000, THENCE...

TAKEOFF RWY 13R: CLIMB ON HEADING 130.40 TO 977, THEN ON HEADING 110.00 OR AS ASSIGNED BY ATC, FOR VECTORS TO CROSS MYKUL AT OR ABOVE 9000, THENCE...

...ON TRACK 069.48 TO IKONE, THEN ON TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
NEEDLES	IKONE1.EED	IKONE	FUSBL	TRACK 069.54	7.95	6900	6900	FUSBL AT/ABOVE 16000
		FUSBL	DWGHT	TRACK 069.56	24.65	6900	6600	
		DWGHT	EMPRR	TRACK 032.91	10.24	6900	6600	
		EMPRR	EED VORTAC	TRACK 033.02	51.31	6900	5900	EMPRR AT/ABOVE FL230
FUSBL	IKONE1.FUSBL	IKONE	FUSBL	TRACK 069.54	7.95	6900	6900	FUSBL AT/ABOVE 16000
ZELMA	IKONE1.ZELMA	IKONE	FUSBL	TRACK 069.54	7.95	6900	6900	FUSBL AT/ABOVE 16000
		FUSBL	PELLU	TRACK 044.87	14.11	6900	6300	
		PELLU	JOTNU	TRACK 007.54	12.70	6900	6400	
		JOTNU	ZELMA	TRACK 006.80	29.13	6900	6900	

**PBN REQUIREMENT NOTES:**

RNAV 1-GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**PROCEDURAL DATA NOTES:**

NOTE: FUSBL TRANSITION RESTRICTED TO AIRCRAFT LANDING LAS TERMINAL AREA.

**TAKEOFF MINIMUMS:**

RWY 13L: STANDARD WITH MINIMUM CLIMB OF 310 FT/NM TO 4800.

RWY 13R: STANDARD WITH MINIMUM CLIMB OF 340 FT/NM TO 2700.



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IKONE	ONE	IKONE1.IKONE	NONE		12JUNE2025

**TAKEOFF OBSTACLES NOTES:**

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

**CONTROLLING OBSTACLES:**

RWY 13L: 2818 FT MSL AAO 333903.00N/1162051.00W  
RWY 13R: 1532 FT MSL AAO 334433.00N/1162621.00W  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:  
RWY 13L, 13R: 1857 FT MSL AAO 33451.00N/1162721.00W.

**MSA:**

MSA FROM PSP, 12,800.

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

DME/DME ASSESSMENT: UNSAT.  
MAGVAR: PSP 13E/1990.  
CHART: TOP ALTITUDE: ASSIGNED BY ATC.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
PSP	PALM SPRINGS	CA

**COMMUNICATIONS:**

CHART: ATIS, CLNC DEL, GND CON, PALM SPRINGS ATCT

**FIXES AND/OR NAVAIDS:**

DO NOT CHART MOCA: FROM IKONE TO FUSBL, FUSBL TO DWGHT, DWGHT TO EMPRR, PELLU TO JOTNU, JOTNU TO ZELMA.

**REMARKS:**

HIGHER CLIMB GRADIENTS BASED ON WAIVER REQUESTED BY ATC.  
WAIVER: TARGETS EVALUATION WITH 10 DEGREES BANK ANGLE AT PELLU AND DWGHT ALLOWED PER WAIVER TO FAA ORDER 8260.58C PARAGRAPH 1-2-5.C.(3), MAXIMUM BANK ANGLE.  
75 FT VEGETATION USED PER FPT.  
WAIVER: DIVERSE DEPARTURE ASSESSMENT HEADING 110 WAS APPLIED TO ASSESS OBSTACLES TO ENSURE OBSTACLE CLEARANCE TO THE REQUESTED ALTITUDE FOR EACH RUNWAY.  
PUBLISHED CLIMB GRADIENTS AND TERMINATION ALTITUDES WILL BE APPLIED.

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
TROY E DEVINE	<b>CASEY D HILL</b>		AJF	03/27/2025	
	Mar 31, 2025				
<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	
COLE NESBITT	<b>CASEY D HILL</b>		AJV-A412	02/04/2025	
	Mar 31, 2025				
<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>SIGNATURE</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
CASEY HILL	<b>CASEY D HILL</b>		AJV-A412		MANAGER
	Mar 31, 2025				

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
IKONE	ONE	IKONE1.IKONE	NONE		12JUNE2025

**A4A** ☒    **ALPA** ☒    **AOPA** ☒    **APA** ☒    **HAI** ☐    **NBAA** ☒    **OTHER:**ZLA, SOCAL APP CON, PSP ATCT, WST FPT, APT MGR

**CHANGES - REASONS:**

ORIGINAL



**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>
IKONE		ONE		IKONE1.IKONE		NONE			12JUNE2025
<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>
RW13L (AER)	335006.60N/1163034.81W	N	-	-	-	-			
977 MSL			`	VA	143.39	-	AT/ABOVE 977		CG 310 FT/NM TO 4800
			-	VM	123.00	-			
RW13R (AER)*	335002.63N/1163041.60W	N	-	-	-	-			*DISPL THLD (3000.00 FT)
977 MSL			-	VA	143.40	-	AT/ABOVE 977		CG 340 FT/NM TO 2700
			-	VM	123.00	-			
MYKUL	335811.74N/1160922.78W	Y	-	IF	-	-	AT/ABOVE 9000		
IKONE	335906.64N/1160101.35W	Y	FB	TF	082.48	7.01			
IKONE	335906.64N/1160101.35W	Y	-	IF	-	-			IKONE1.EED
FUSBL	340008.27N/1155132.75W	Y	FB	TF	082.54	7.95	AT/ABOVE 16000		
DWGHT	340316.53N/1152207.74W	Y	FB	TF	082.56	24.65			
EMPRR	341024.52N/1151315.72W	Y	FB	TF	045.91	10.24	AT/ABOVE FL230		
EED VORTAC	344557.62N/1142826.78W	Y	FB	TF	046.02	51.31			
IKONE	335906.64N/1160101.35W	Y	-	IF	-	-			IKONE1.FUSBL
FUSBL	340008.27N/1155132.75W	Y	FB	-	082.54	7.95	AT/ABOVE 16000		
IKONE	335906.64N/1160101.35W	Y	-	IF	-	-			IKONE1.ZELMA
FUSBL	340008.27N/1155132.75W	Y	FB	TF	082.54	7.95	AT/ABOVE 16000		

QUALITY  
23  
CHECKED

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IKONE							ONE	IKONE1.IKONE	NONE		12JUNE2025
<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>	
PELLU	340738.60N/1153709.02W	Y	FB	TF	057.87	14.11					
JOTNU	341933.11N/1153146.29W	Y	FB	TF	020.54	12.70					
ZELMA	344659.99N/1151947.51W	Y	FB	TF	019.80	29.13					

QUALITY  
23  
CHECKED