

**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SUPERSEDED NUMBER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>
NELLL	ONE	NELLL1.NELLL	NONE		2 DECEMBER 2021
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 16: CLIMB ON HEADING 161.31 TO 521, THEN CLIMBING RIGHT TURN DIRECT PLASR, THEN RIGHT TURN ON TRACK 358.52 TO JAVIM, THEN ON TRACK 358.52 TO NELLL, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 341.31 TO INTERCEPT COURSE 296.63 TO JAVIM, THEN CLIMBING RIGHT TURN ON TRACK 358.52 TO NELLL, THENCE...

...ON ASSIGNED ROUTE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 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>
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**PROCEDURAL DATA NOTES:**

NOTE: GPS REQUIRED.

NOTE: RNAV 1.

**TAKEOFF MINIMUMS:**

RWY 16: 600-1 1/4 WITH MINIMUM CLIMB OF 440 FT PER NM TO 1440.

RWY 34: 700-1 3/4 WITH MINIMUM CLIMB OF 320 FT PER NM TO 760.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 16, TERRAIN 1 FT FROM DER, 198 FT LEFT OF CENTERLINE, 21 FT MSL.

POLES, SIGN BEGINNING 12 FT FROM DER, 134 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/58 FT MSL.

POLE, TREES, BUILDING BEGINNING 25 FT FROM DER, 222 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/67 FT MSL.

VEGETATION 34 FT FROM DER, 486 FT RIGHT OF CENTERLINE, 2 FT AGL/25 FT MSL.

TREE 86 FT FROM DER, 290 FT RIGHT OF CENTERLINE, 14 FT AGL/33 FT MSL.

TREE 229 FT FROM DER, 163 FT RIGHT OF CENTERLINE, 19 FT AGL/36 FT MSL.

TREE 249 FT FROM DER, 260 FT RIGHT OF CENTERLINE, 20 FT AGL/39 FT MSL.

TREES, TERRAIN, POLE, BUILDING, GENERAL UTILITY BEGINNING 355 FT FROM DER, 62 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/98 FT MSL.

TREE 886 FT FROM DER, 16 FT RIGHT OF CENTERLINE, 23 FT AGL/43 FT MSL.

TREES, BUILDING BEGINNING 979 FT FROM DER, 183 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/99 FT MSL.

TREES BEGINNING 1275 FT FROM DER, 185 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/111 FT MSL.

TREES BEGINNING 2644 FT FROM DER, 199 FT LEFT OF CENTERLINE, UP TO 93 FT AGL/141 FT MSL.

TREES, BUILDING BEGINNING 2763 FT FROM DER, 180 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/145 FT MSL.

TREE 3148 FT FROM DER, 853 FT LEFT OF CENTERLINE, 89 FT AGL/173 FT MSL.

TREES BEGINNING 3181 FT FROM DER, 883 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/192 FT MSL.

TREES BEGINNING 3296 FT FROM DER, 956 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/243 FT MSL.

TREES BEGINNING 3356 FT FROM DER, 900 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/252 FT MSL.

TREES BEGINNING 3556 FT FROM DER, 760 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/333 FT MSL.

TREE 3686 FT FROM DER, 1179 FT LEFT OF CENTERLINE, 114 FT AGL/347 FT MSL.

TREES, POLE BEGINNING 3698 FT FROM DER, 275 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/392 FT MSL.



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TREES BEGINNING 4184 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 1144 FT AGL/523 FT MSL.  
POLE, TREES, TERRAIN, VEGETATION, BEGINNING 5445 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 109 FT AGL/560 FT MSL.  
TERRAIN 1.9 NM FROM DER, 2 FT RIGHT OF CENTERLINE, 200 FT AGL/328 FT MSL.  
TERRAIN 2 NM FROM DER, 26 FT RIGHT OF CENTERLINE, 200 FT AGL/342 FT MSL.  
TERRAIN 2.1 NM FROM DER, 76 FT RIGHT OF CENTERLINE, 200 FT AGL/351 FT MSL.  
TERRAIN 2.2 NM FROM DER, 126 FT RIGHT OF CENTERLINE, 200 FT AGL/365 FT MSL.  
TERRAIN 2.4 NM FROM DER, ON CENTERLINE, 200 FT AGL/414 FT MSL.  
TERRAIN 2.5 NM FROM DER, 50 FT RIGHT OF CENTERLINE, 200 FT AGL/430 FT MSL.  
TERRAIN, TREES BEGINNING 2.5 NM FROM DER, 149 FT LEFT OF CENTERLINE, UP TO 578 FT MSL.  
TERRAIN, TREES BEGINNING 2.5 NM FROM DER 1046 LEFT OF CENTERLINE, UP TO 601 FT MSL.

NOTE: RWY 34, FENCE, POLES BEGINNING 7 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 8 FT AGL/28 FT MSL.  
POLE 15 FT FROM DER, 318 FT RIGHT OF CENTERLINE, 25 FT AGL/44 FT MSL.  
POLES, BUILDING, VEGETATION BEGINNING 149 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/36 FT MSL.  
BUILDING 2582 FT FROM DER, 159 FT RIGHT OF CENTERLINE, 29 FT AGL/91 FT MSL.  
BUILDING 2775 FT FROM DER, 139 FT RIGHT OF CENTERLINE, 30 FT AGL/115 FT MSL.  
TREES BEGINNING 2795 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/119 FT MSL.  
TREES BEGINNING 2836 FT FROM DER, 65 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/106 FT MSL.  
TREE 2900 FT FROM DER, 201 FT RIGHT OF CENTERLINE, 50 FT AGL/134 FT MSL.  
TREES BEGINNING 2941 FT FROM DER, 43 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/136 FT MSL.  
POLE 2993 FT FROM DER, 10 FT LEFT OF CENTERLINE, 30 FT AGL/125 FT MSL.  
TREES BEGINNING 3003 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/151 FT MSL.  
POLE, TREES BEGINNING 3163 FT FROM DER, 139 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/143 FT MSL.  
TREES BEGINNING 3250 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 60 FT AGL/157 FT MSL.  
TREES, TERRAIN BEGINNING 3265 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/155 FT MSL.  
TREES BEGINNING 3399 FT FROM DER, 206 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/171 FT MSL.  
TREES, BUILDING BEGINNING 3483 FT FROM DER, 176 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/194 FT MSL.  
TREE 3496 FT FROM DER, 1 FT LEFT OF CENTERLINE, 46 FT AGL/175 FT MSL.  
TREES, BUILDING, POLE, TERRAIN, VEGETATION BEGINNING 3511 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/204 FT MSL.  
TREES, VEGETATION BEGINNING 3523 FT FROM DER, 153 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/229 FT MSL.  
TREE 3721 FT FROM DER, 1391 FT RIGHT OF CENTERLINE, 29 FT AGL/238 FT MSL.  
TREE 3770 FT FROM DER, 298 FT RIGHT OF CENTERLINE, 57 FT AGL/242 FT MSL.  
TREES, POLE, BUILDING BEGINNING 3787 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/213 FT MSL.  
TREES, TERRAIN BEGINNING 3792 FT FROM DER, 251 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/282 FT MSL.  
TREES, BUILDING BEGINNING 3920 FT FROM DER, 194 FT RIGHT OF CENTERLINE, UP TO 108 FT AGL/327 FT MSL.  
TREE 4067 FT FROM DER, 882 FT RIGHT OF CENTERLINE, 85 FT AGL/341 FT MSL.  
TREES BEGINNING 4085 FT FROM DER, 385 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/342 FT MSL.  
TREE 4106 FT FROM DER, 197 FT RIGHT OF CENTERLINE, 92 FT AGL/354 FT MSL.  
TREES BEGINNING 4188 FT FROM DER, 180 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/355 FT MSL.  
TREES BEGINNING 4249 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/361 FT MSL.  
TREES BEGINNING 4294 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 134 FT AGL/367 FT MSL.  
TREES BEGINNING 4335 FT FROM DER, 492 FT RIGHT OF CENTERLINE, UP TO 127 FT AGL/379 FT MSL.  
TREES BEGINNING 4403 FT FROM DER, 177 FT RIGHT OF CENTERLINE, UP TO 138 FT AGL/383 FT MSL.  
TREES, BUILDING, TERRAIN BEGINNING 4562 FT FROM DER, 100 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/401 FT MSL.  
TREES BEGINNING 4972 FT FROM DER, 381 FT RIGHT OF CENTERLINE, UP TO 112 FT AGL/509 FT MSL.  
TREES BEGINNING 5091 FT FROM DER, 585 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/534 FT MSL.  
TREES, TERRAIN BEGINNING 5114 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 118 FT AGL/547 FT MSL.  
TREE 5342 FT FROM DER, 1390 FT RIGHT OF CENTERLINE, 111 FT AGL/573 FT MSL.  
TREES BEGINNING 5378 FT FROM DER, 794 FT RIGHT OF CENTERLINE, UP TO 124 FT AGL/586 FT MSL.  
TREES BEGINNING 5482 FT FROM DER, 194 FT RIGHT OF CENTERLINE, UP TO 123 FT AGL/588 FT MSL.  
TREES BEGINNING 5543 FT FROM DER, 183 FT RIGHT OF CENTERLINE, UP TO 114 FT AGL/625 FT MSL.  
TREES, TERRAIN, VEGETATION, BEGINNING 5629 FT FROM DER, 197 FT RIGHT OF CENTERLINE, UP TO 115 FT AGL/628 FT MSL.

**CONTROLLING OBSTACLES:**  
RWY 16: 926 FT AAO 422139.00N/1242442.00W (CLIMB GRADIENT AND CLIMB GRADIENT TERMINATION ALTITUDE)



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NELLL	ONE	NELLL1.NELLL	NONE		2 DECEMBER 2021

560 POLE 422347.33N/1242458.62W (CEILING)  
368 VEGETATION 422338.84N/1242505.33W (VISIBILITY)

RWY 34: 545 AAO 422648.00N/1242503.00W (CLIMB GRADIENT)  
578 AAO 422709.00N/1242457.00W (CLIMB GRADIENT TERMINATION ALTITUDE)  
628 TREE 42258.04N/1242511.25W (CEILING)  
443 AAO 422745.00N/1242451.00W (VISIBILITY)

OBSTACLES MANDATING ODP DEVELOPMENT: RWY 16 AND 34: 2539 FT MSL TERRAIN 422348.00N/1242200.00W

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
REFERENCE MAG VAR: K4S1 14E EPOCH YR: 2025

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
GOLD BEACH MUNI	K4S1	GOLD BEACH	OR

**COMMUNICATIONS:**

AWOS-3, CTAF, ZSE

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

**FLIGHT INSPECTED BY**

BRYAN VEIT

*Digitally signed by*

**JOHN BORDY**

Sep 12, 2021

**OFFICE**

FICO

**DATE**

07/23/2021

**DEVELOPED BY**

WILLIAM D. MELTON

*Digitally signed by*

**WILLIAM D MELTON**

Jun 04, 2021

**OFFICE**

AJV-A422

**DATE**

04/22/2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**JOHN BORDY**

Sep 12, 2021

**OFFICE**

AVJ-A420

**DATE**

**TITLE**

MANAGER

**REQUIRED EFFECTIVE DATE**

ROUTINE

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, AMGR

**CHANGES - REASONS:**

09/12/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/28/2021:  
ON PAGE 3 OF 3, IN AIRPORTS SERVED CHANGED AIRPORT NAME FROM "GOLD BEACH MUNI AIRPORT" TO "GOLD BEACH MUNI".



**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>
NELL		ONE		NELL1.NELL		NONE			2 DECEMBER 2021
<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>
RWY 16 (AER)*	422511.02N/1242531.46W	N	-	-	-	-			* DISPL THLD (90 FT)
521 MSL	-	-	-	VA	175.31		AT/ABOVE 521		
PLASR	422354.87N/1243726.61W	Y	FB	DF					RIGHT TURN
JAVIM	423205.97N/1243456.20W	Y	FB	TF	012.52	8.38			
NELL	425147.54N/1242859.55W	Y	FB	TF	012.52	20.17			
RWY 34 (AER)	422439.52N/1242527.97W	N	-	-	-	-			
	422610.84N/1242538.05W	-	-	VI	355.31	1.00			
JAVIM	423205.97N/1243456.20W	Y	FB	CF	310.63	9.08			
NELL	425147.54N/1242859.55W	Y	FB	TF	012.52	20.17			

