

**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SUPERSEDED NUMBER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>
WATTR						SEVEN	WATTR7.WATTR	SIX	05/26/2016	19 JULY 2018
<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 type="checkbox"/>					

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 8, 13: CLIMBING LEFT TURN THENCE...

TAKEOFF RWY 26, 31: CLIMBING RIGHT TURN THENCE...

...ON 075 BEARING FROM CL LOM TO WATTR INT. MAINTAIN 5400.

**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: ADF REQUIRED**

**TAKEOFF MINIMUMS:**

**RWY 8:** 300-1.

**RWY 13:** STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 1100 OR 3300-3 FOR VCOA.

**RWY 26, 31:** STANDARD.

**VISUAL CLIMB OVER AIRPORT:**

RWY 13: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WILLIAM R FAIRCHILD INTL AIRPORT AT OR ABOVE 3400, THEN ON HEADING 045, CONTINUE CLIMB TO 5400 ON 075 BEARING FROM CL LOM TO WATTR INT. MAINTAIN 5400.

**TAKEOFF OBSTACLES NOTES:**

**NOTE: RWY 08,** SIGN 46 FT FROM DER, 198 FT RIGHT OF CENTERLINE, 4 FT AGL/295 FT MSL. TERRAIN 54 FT FROM DER, 449 FT RIGHT OF CENTERLINE, 296 FT MSL. SIGN 79 FT FROM DER, 352 FT RIGHT OF CENTERLINE, 4 FT AGL/299 FT MSL. BUILDING, TERRAIN, NAVAID BEGINNING 99 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/314 FT MSL. FENCE 102 FT FROM DER, 526 FT LEFT OF CENTERLINE, 7 FT AGL/299 FT MSL. FENCE 270 FT FROM DER, 526 FT LEFT OF CENTERLINE, 7 FT AGL/300 FT MSL. BUILDING 298 FT FROM DER, 258 FT LEFT OF CENTERLINE, 20 FT AGL/311 FT MSL. TREE, POLE BEGINNING 575 FT FROM DER, 69 FT LEFT OF CENTERLINE, UP TO 377 FT MSL. POLE, VEHICLE ON TRAVERSE WAY BEGINNING 677 FT FROM DER, 630 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/338 FT MSL. TRANSMISSION LINE 922 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 51 FT AGL/355 FT MSL. TREE, TRANSMISSION LINE, POLE BEGINNING 927 FT FROM DER, 136 FT RIGHT OF CENTERLINE, UP TO 385 FT MSL. TREES BEGINNING 1107 FT FROM DER, 391 FT RIGHT OF CENTERLINE, UP TO 420 FT MSL. TREES BEGINNING 1312 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 464 FT MSL. TREE 1412 FT FROM DER, 695 FT LEFT OF CENTERLINE, 396 FT MSL. TREE 1454 FT FROM DER, 811 FT LEFT OF CENTERLINE, 424 FT MSL. TREES BEGINNING 1523 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 466 FT MSL. TREE 1613 FT FROM DER, 790 FT LEFT OF CENTERLINE, 439 FT MSL. TREES BEGINNING 1740 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 469 FT MSL. TREES BEGINNING 1826 FT FROM DER, 166 FT LEFT OF CENTERLINE, UP TO 454 FT MSL. TREES BEGINNING 2421 FT FROM DER, 670 FT LEFT OF CENTERLINE, UP TO 455 FT MSL. TREES BEGINNING 2922 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 457 FT MSL. TREES BEGINNING 3272 FT FROM DER, 406 FT RIGHT OF CENTERLINE, UP TO 473 FT MSL. TREES BEGINNING 3375 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 481 FT MSL. TREE, POLE BEGINNING 3453 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 490 FT MSL. TREES BEGINNING 3601 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 460 FT MSL. TREES BEGINNING 3746 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 461 FT MSL. TREES BEGINNING 4375 FT FROM DER, 622 FT RIGHT OF CENTERLINE, UP TO 498 FT MSL. TREES BEGINNING 4460 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 502 FT



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MSL. TREES BEGINNING 4985 FT FROM DER, 717 FT RIGHT OF CENTERLINE, UP TO 465 FT MSL.

**NOTE: RWY 13,** TERRAIN 40 FT FROM DER, 485 FT RIGHT OF CENTERLINE, 274 FT MSL. SIGN, TERRAIN BEGINNING 44 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/278 FT MSL. SIGN 67 FT FROM DER, 229 FT LEFT OF CENTERLINE, 7 FT AGL/276 FT MSL. BUILDING 546 FT FROM DER, 556 FT RIGHT OF CENTERLINE, 20 FT AGL/297 FT MSL. POLE, BUILDING BEGINNING 604 FT FROM DER, 447 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/305 FT MSL. TREE 807 FT FROM DER, 448 FT RIGHT OF CENTERLINE, 321 FT MSL. TREES BEGINNING 829 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 325 FT MSL. BUILDING 1149 FT FROM DER, 226 FT LEFT OF CENTERLINE, 23 FT AGL/304 FT MSL. POLE 1214 FT FROM DER, 226 FT LEFT OF CENTERLINE, 24 FT AGL/308 FT MSL. BUILDING, POLE BEGINNING 1215 FT FROM DER, 186 FT LEFT OF CENTERLINE, UP TO 28 FT AGL/312 FT MSL. BUILDING BEGINNING 1291 FT FROM DER, 321 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/320 FT MSL. TREE, POLE, BUILDING BEGINNING 1357 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 323 FT MSL. TREES BEGINNING 1554 FT FROM DER, 624 FT RIGHT OF CENTERLINE, UP TO 376 FT MSL. TREE, POLE BEGINNING 1669 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 337 FT MSL. TREE, POLE BEGINNING 1792 FT FROM DER, 52 FT RIGHT OF CENTERLINE, UP TO 405 FT MSL. TREE, POLE, TOWER BEGINNING 1821 FT FROM DER, 448 FT LEFT OF CENTERLINE, UP TO 346 FT MSL. RIG, POLE, TREE, VERTICAL POINT BEGINNING 2195 FT FROM DER, 568 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/359 FT MSL. TREE 2211 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 408 FT MSL. TREE, POLE BEGINNING 2271 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 412 FT MSL. POLE, TREE BEGINNING 2716 FT FROM DER, 741 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/372 FT MSL. TREE, POLE BEGINNING 2785 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 410 FT MSL. TREES BEGINNING 3039 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 420 FT MSL. TREE, POLE, VEGETATION, BUILDING BEGINNING 3133 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 456 FT MSL. TREES BEGINNING 3290 FT FROM DER, 240 FT RIGHT OF CENTERLINE, UP TO 422 FT MSL. TREE, POLE BEGINNING 3658 FT FROM DER, 50 FT RIGHT OF CENTERLINE, UP TO 487 FT MSL. TREE, BUILDING BEGINNING 3723 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 488 FT MSL. TREES BEGINNING 1.6 NM FROM DER, 2938 FT RIGHT OF CENTERLINE, UP TO 951 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 2811 FT RIGHT OF CENTERLINE, UP TO 1041 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 2983 FT RIGHT OF CENTERLINE, UP TO 1090 FT MSL. TREE, BUILDING BEGINNING 1.7 NM FROM DER, 1982 FT RIGHT OF CENTERLINE, UP TO 1145 FT MSL.

**NOTE: RWY 26,** LIGHTING 10 FT FROM DER, 54 FT RIGHT OF CENTERLINE, 3 FT AGL/287 FT MSL. LIGHTING 10 FT FROM DER, 55 FT LEFT OF CENTERLINE, 3 FT AGL/286 FT MSL. TREES BEGINNING 2709 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 406 FT MSL. TREES BEGINNING 3951 FT FROM DER, 530 FT RIGHT OF CENTERLINE, UP TO 393 FT MSL. TREES BEGINNING 4446 FT FROM DER, 1173 FT LEFT OF CENTERLINE, UP TO 421 FT MSL.

**NOTE: RWY 31,** TREE, POLE BEGINNING 1 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 315 FT MSL. TREES BEGINNING 8 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 321 FT MSL. TREE 338 FT FROM DER, 524 FT RIGHT OF CENTERLINE, 316 FT MSL. TREES BEGINNING 431 FT FROM DER, 121 FT RIGHT OF CENTERLINE, UP TO 320 FT MSL. TREES BEGINNING 505 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 324 FT MSL. TREES BEGINNING 638 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 323 FT MSL. NOTE: RWY 31, TREE, POLE BEGINNING 1 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 315 FT MSL. TREES BEGINNING 8 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 321 FT MSL. TREE 338 FT FROM DER, 524 FT RIGHT OF CENTERLINE, 316 FT MSL. TREES BEGINNING 431 FT FROM DER, 121 FT RIGHT OF CENTERLINE, UP TO 320 FT MSL. TREES BEGINNING 505 FT FROM DER, 39 FT LEFT OF CENTERLINE, UP TO 324 FT MSL. TREES BEGINNING 638 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 323 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 8:** 464 FT MSL TREE 480648.75N/1232855.30W (CG/CGTA), 502 FT MSL TREE 480634.31N/1232812.98W (CEILING), 465 FT MSL TREE 480632.03N/1232805.86W (VIS).

**RWY 13:** 487 FT MSL TREE 480635.06N/1232929.54W (CG), 896 FT MSL TREE 480528.87N/1232834.96W (CGTA).

**VCOA:** 1024 FT MSL AAO 480457.40N/1232734.80W (VCA), 3100 FT MSL AAO 480231.90N/1233114.15W (VCOA DIVERSE).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 8, 13, 26, 31 6654 FT MSL AAO 475943.95.40N/1232748.13W.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

REFERENCE MAG VAR: KCLM 16E EPOCH YEAR 2020.

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
WILLIAM R FAIRCHILD INTL (KCLM)	PORT ANGELES	WA



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**COMMUNICATIONS:**

NUW DEP CON, SEA FSS, CTAF

**FIXES AND/OR NAVAIDS:**

YYJ VOR/DME, SEA VORTAC

**REMARKS:**

LETTER OF APPROVAL ON FILE PERMITTING RWY 8 CEILING AND VISIBILITY MINIMUMS IN LIEU OF STANDARD MINIMUMS. CLIMB GRADIENT DISAPPROVED BY AFS.

<b><u>FLIGHT INSPECTED BY:</u></b>  JOHN E PHILLABAUM	<i>Digitally signed by</i> <b>DONALD H LANIER</b> May 07, 2018	<b><u>OFFICE SYMBOL:</u></b>	<b><u>DATE:</u></b>
		FICO	5/2/18
<b><u>DEVELOPED BY:</u></b> LONNIE EVERHART (PETER BUSSEY)	<i>Digitally signed by</i> <b>DONALD H LANIER</b> May 07, 2018	<b><u>OFFICE SYMBOL:</u></b>	<b><u>DATE:</u></b>
		AJV-5400	03/01/2018
<b><u>APPROVED BY:</u></b> LONNIE EVERHART	<i>Digitally signed by</i> <b>DONALD H LANIER</b> May 07, 2018	<b><u>OFFICE SYMBOL:</u></b>	<b><u>DATE:</u></b>
		AJV-5400	

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ARPT MGR, NUW APP CON, SEA FSS, ZEA.

**CHANGES - REASONS:**

1. CHANGED RWY 13 TAKEOFF MINIMUMS FROM STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 1100 TO, STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 1100 - 487 TREE/NEW TARGETS EVALUATION DATA.
2. UPDATED TAKEOFF OBSTACLE NOTES FOR RWY 08, 13, 26, 31 - NEW SURVEY DATA.
3. UPDATED CONTROLLING OBSTACLES - NEW SURVEY DATA.
4. ADDED ADF REQUIRED TO PROCEDURAL DATA NOTES - LOM GUIDANCE REQUIRED

