

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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
WATTR	EIGHT	WATTR8.WATTR	SEVEN	7/19/2018	25 JANUARY 2024
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**DP ROUTE DESCRIPTION:**  
**DP ROUTE DESCRIPTION:**  
TAKEOFF RWY 9: CLIMBING LEFT TURN THENCE...  
TAKEOFF RWY 27, 31: CLIMBING RIGHT TURN THENCE...  
...ON 075 BEARING FROM CL LOM TO WATTR INT. MAINTAIN 5400.

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

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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**PBN REQUIREMENT NOTES:**

**EQUIPMENT REQUIREMENT NOTES:**

ADF REQUIRED

**PROCEDURAL DATA NOTES:**

**TAKEOFF MINIMUMS:**  
**RWY 13:** NA - OBSTACLES.  
**RWY 27, 31:** STANDARD.  
**RWY 9:** 300-1.

**TAKEOFF OBSTACLES NOTES:**  
**NOTE: RWY 9:** 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 FTMSL. TREES BEGINNING 4985 FT FROM DER, 717 FT RIGHT OF CENTERLINE, UP TO 465 FT MSL.

**NOTE: RWY 27:** 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

**CONTROLLING OBSTACLES:**  
**RWY 9:** 464 FT MSL TREE 480648.75N/1232855.30W (CLIMB GRADIENT, CLIMB-TO ALTITUDE), 502 FT MSL TREE 480634.31N/1232812.98W (CEILING), 465 FT MSL TREE 480632.03N/1232805.86W (VISIBILITY).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 9, 27, 31 6654 FT MSL AAO 475943.95.40N/1232748.13W.

**MSA:**  
MSA FROM KCLM, 9000

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
AIRPORT MV: CLM 16E/2020

AIRPORTS SERVED:		
AIRPORT ID	CITY	STATE
KCLM	PORT ANGELES	WA

**COMMUNICATIONS:**  
CHART: SEA FSS, CTAF

**FIXES AND/OR NAVAIDS:**  
YYJ VOR/DME, SEA VORTAC

**REMARKS:**  
LETTER OF APPROVAL ON FILE PERMITTING RWY 9 CEILING AND VISIBILITY MINIMUMS IN LIEU OF STANDARD MINIMUMS. CLIMB GRADIENT DISAPPROVED BY AFS. ABBREVIATED AMENDMENT.

FLIGHT INSPECTED BY	SIGNATURE	Digitally signed by	OFFICE	DATE
Processed IAW Technical Support Group (AJF-17) Memo dated 07/07/2021, Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation.		<b>JOHNNIE BAKER</b> Jul 12, 2023		

DEVELOPED BY	Digitally signed by	SIGNATURE	OFFICE	DATE
SCOTT E. LINDHOLM	<b>JOHNNIE BAKER</b> Jul 12, 2023		AJV-A431	03/31/2023

APPROVED BY	Digitally signed by	SIGNATURE	OFFICE	DATE	TITLE
ERIC N. SUSKI	<b>JOHNNIE BAKER</b> Jul 12, 2023		AJV-A431		MANAGER

**REQUIRED EFFECTIVE DATE**  
ROUTINE

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ARPT MGR, NUW APP CON, SEA FSS, ZEA.

**CHANGES - REASONS:**  
1. CHANGED RWYS 8/26 TO 9/27. - TRUE BEARING OF AFFECTED RUNWAYS ROUNDS TO 9/27 VICE 8/26  
2. MOVED ADF REQUIRED NOTE FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENTS NOTE. - IAW FAAO 8260.46J.



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- 3. ADDED "ABBREVIATED AMENDMENT" TO REMARKS. - IAW FAAO 8260.46J APPENDIX D, SECTION 2, PARAGRAPH Q3.
- 4. REMOVED APA FROM COORDINTATED WITH LINE - AMERICAN AIRLINES DOES NOT SERVE KCLM.
- 5. ADDED MSA "MSA FROM KCLM, 9000" - IAW FAAO 8260.46K APPENDIX E, SECTION 2, PARAGRAPH K.
- 6. REMOVED VCOA AND UPDATED RWY 13 TAKEOFF MINIMUMS FROM "STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 1100 OR 3300-3 FOR VCOA" TO "NA - OBSTACLES" - PER ATC REQUEST.

