

**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SUPERSEDED NUMBER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>
NACHES	FOUR		THREE	7/21/2016	10 NOV 2016

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

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9: CLIMB HEADING 093.98 FOR VECTOR TO ASSIGNED ROUTE/FIX. THENCE...
TAKEOFF RWY 22, 27: CLIMBING RIGHT TURN HEADING 320.00 FOR VECTOR TO ASSIGNED ROUTE/FIX. THENCE...
... MAINTAIN 10000 OR ASSIGNED LOWER ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE 5 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>

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 4, NA- OBSTACLES.
RWY 9- STANDARD WITH MINIMUM CLIMB OF 360 FT PER NM TO 4400.
RWY 22- STANDARD WITH MINIMUM CLIMB OF 495 FT PER NM TO 6000.
RWY 27- STANDARD WITH MINIMUM CLIMB OF 495 FT PER NM TO 6000.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 9, OL ON BLDG 27 FT FROM DER, 507 FT RIGHT OF CENTERLINE, 34 FT AGL/1074 FT MSL. POLE 388 FT FROM DER, 561 FT RIGHT OF CENTERLINE, 34 FT AGL/1073 FT MSL. TREES BEGINNING 586 FT FROM DER, 550 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1139 FT MSL. MULTIPLE TREES, POLES, AND TOWERS BEGINNING 3.6 N FROM DER, 4462 FT RIGHT OF CENTERLINE, UP TO 303 FT AGL/2247 FT MSL.
NOTE: RWY 22, FENCE BEGINNING 27 FT FROM DER, 435 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/1083 FT MSL. TREES BEGINNING 570 FT FROM DER, 228 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1199 FT MSL. TREES BEGINNING 3195 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1199 FT MSL. TREES BEGINNING 1.0 NM FROM DER, 732 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.
NOTE: RWY 27, ANT ON BLDG 398 FT FROM DER, 282 FT LEFT OF CENTERLINE, 15 FT AGL/1117 FT MSL. TREES BEGINNING 3824 FT FROM DER, 1341 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 1979 FT MSL AAO 463153.47N/1020744.37W.
RWY 22: 3199 FT MSL AAO 463737.01N/1204418.92W
RWY 27: 3139 FT MSL AAO 463733.60N/1204355.38W.
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 9, 22, 27 - 12476 FT MSL AAO 461218.90N/1212915.40W.

LOST COMMUNICATIONS PROCEDURES:

IF NO TRANSMISSIONS ARE RECEIVED FOR ONE MINUTE AFTER DEPARTURE: RWY 9 CLIMB HEADING 093.98 AND OUTBOUND YKM VORTAC R-108, RWY 22 AND 27, CLIMBING RIGHT TURN DIRECT YKM VORTAC AND OUTBOUND YKM R-108, EASTBOUND AIRCRAFT V4-298 CONTINUE ON COURSE, ALL OTHER DEPARTURES CONTINUE CLIMB ON YKM R-108 UNTIL 4600, THEN CLIMBING RIGHT TURN DIRECT YKM VORTAC AND HOLD (HOLD E, LT, 288 INBOUND) TO CROSS YKM VORTAC AT OR ABOVE MEA OR MCA FOR ROUTE OF FLIGHT.

ADDITIONAL FLIGHT DATA:

CHART R-6714 A, B, C, D.
CHART V4-298 ON YKM R-108.
CHART V448.
CHART: TOP ALTITUDE: 10000



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NACHES	FOUR		THREE	7/21/2016	10 NOV 2016

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
YAKIMA AIR TERMINAL/MCALLISTER FIELD	YAKIMA	WA

COMMUNICATIONS:
ATIS, CLNC DEL, YAKIMA GROUND CONTROL, YKM ATCT, CHINOOK DEP CON.

FIXES AND/OR NAVAIDS:
YKM VORTAC, EAT VOR/DME, ELN VOR/DME, MWH VOR/DME, SEA VORTAC, PSC VOR/DME, ALW VOR/DME, PDT VORTAC, GEG VORTAC, EPH VORTAC, LTJ VOR/DME, BTG VORTAC.

REMARKS:
RWY 22 AND 27 HEADINGS AND ALTITUDES ADJUSTED TO ALLOW ATC TO VECTOR SOONER AND REMAIN CLEAR OF HIGHER SECTOR BOUNDARIES.
NACHES THREE AND FOUR AMENDMENTS DO NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

FLIGHT INSPECTED BY: FLIGHT INSPECTION NOT REQUIRED: MANAGER ROBERT STUCKERT	OFFICE SYMBOL: AJW-331	DATE:
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REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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

OTHER:
ZSE, ARPT MGR, YKM ATCT, CHINOOK APP CON.

CHANGES - REASONS:
1. CHANGED ELN VORTAC TO ELN VOR/DME.- TACAN ANTENNA REPLACED WITH DME.
2. ADDED REMARK "NACHES THREE AND FOUR AMENDMENTS DO NOT SATISFY PERIODIC REVIEW REQUIREMENTS."- A MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

