

**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.
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<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
GROMO	FOUR	GROMO4.GROMO	THREE	7/26/2012	

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"/>

THIS IS A CORRECTED COPY OF A PROCEDURE PREVIOUSLY PUBLISHED IN NFDD'S 167 & 181.

DP ROUTE DESCRIPTION:

TAKEOFF RWY 9, 27: CLIMBING LEFT TURN THENCE...

TAKEOFF RWY 22: CLIMBING RIGHT TURN THENCE...

...INTERCEPT AND PROCEED ON YKM VORTAC R-250 TO GROMO/YKM 9.00 DME, THEN ON ASSIGNED TRANSITION.

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>
TAMPO	GROMO4.TAMPO	GROMO/YKM 9.00 DME	TAMPO INT/YKM 17.42 DME	250.00 (YKM R-250)	8.42	8000		
SIMCO	GROMO4.SIMCO	GROMO/YKM 9.00 DME	OGFAW INT/YKM 9.00 DME	YKM 9.00 DME ARC CCW				
			SIMCO INT/YKM 19.89 DME	220.91 (YKM R-221)	10.89	12000		
HITCH	GROMO4.HITCH	GROMO/YKM 9.00 DME	OGXOB/YKM 9.00 DME	YKM 9.00 DME ARC CCW				
			HITCH INT/YKM 16.00 DME	206.00 (YKM R-206)	7.00	8000		
GUBSE	GROMO4.GUBSE	GROMO/YKM 9.00 DME	OGZOF/YKM 9.00 DME	YKM 9.00 DME ARC CCW				
			GUBSE INT/YKM 16.00 DME	187.27 (YKM R-187)	7.00	7800		
PAPPS	GROMO4.PAPPS	GROMO/YKM 9.00 DME	OHKAR/YKM 9.00 DME	YKM 9.00 DME ARC CCW				
			PAPPS INT/YKM 25.45 DME	087.00 (YKM R-087) YKM	16.45	6000		
SUNED	GROMO4.SUNED	GROMO/YKM 9.00 DME	OHAWY/YKM 9.00 DME	YKM 9.00 DME ARC CCW				
			SUNED INT/YKM 26.03 DME	108.24 (YKM R-108)	17.03	6000		

PROCEDURAL DATA NOTES:

CHART NOTE: DME REQUIRED.

CHART NOTE: TAMPO TRANSITION REQUIRED MINIMUM CLIMB TO 8100.

NOTE: TAMPO TRANSITION: CLIMB IN HOLD E, RT, 250.00 INBOUND TO 8100 BEFORE PROCEEDING ON COURSE.

NOTE: SIMCO TRANSITION: CLIMB IN HOLD NE, RT, 221.00 INBOUND TO 12000 BEFORE PROCEEDING ON COURSE.

NOTE: HITCH TRANSITION: CLIMB IN HOLD, NE, RT, 206.00 INBOUND TO 8000 BEFORE PROCEEDING ON COURSE.

TAKEOFF MINIMUMS:

RWY 4, NA- OBSTACLES

RWY 9- STANDARD WITH MINIMUM CLIMB OF 405 FT PER NM TO 6300.

RWY 22- STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 6300.

RWY 27- STANDARD WITH MINIMUM CLIMB OF 380 FT PER NM TO 6300.



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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.

NOTE: RWY 22, FENCE BEGINNING 27 FT FROM DER, 435 FT RIGHT OF CENTERLINE, UP TO 10 FT AGL/1085 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: 3302 FT MSL TOWER 463825.00N/1202349.00W, 6720 FT MSL AAO 463439.00N/1210636.00W.

RWY 22: 6720 FT MSL AAO 463439.00N/1210636.00W, 2698 FT MSL AAO 463059.09N/1203533.44W.

RWY 27: 6720 FT MSL AAO 463439.00N/1210636.00W, 2698 FT MSL AAO 463059.09N/1203533.44W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 9, 22, 27 - 12476 FT MSL AAO 461218.90N/1212915.40W.

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

CHART: R-6714A, B, C, D.

CHART HOLDING AT TAMPO INT/YKM 17.42 DME, E, RT, 250.00 INBOUND.

CHART HOLDING AT HITCH INT/YKM 16 DME, NE, RT, 206.00 INBOUND.

CHART HOLDING AT SIMCO INT/YKM 19.89 DME NE, RT, 221.00 INBOUND.

CHART: V204, GROMO-TAMPO, V448, OGFAW-SIMCO, V468, OGXOB-HITCH, V25, OGZOF-GUBSE, V4-298, OHAWY-SUNED, V204, OHKAR-PAPPS.

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 APP CON.

FIXES AND/OR NAVAIDS:

YKM VORTAC, ELN VOR/DME, LTJ VOR/DME.

REMARKS:

FLIGHT CHECK 4D ACCURACY REQUESTED FOR 3302 FT MSL TOWER 463825.00N/1202349.00W.

GROMO FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.



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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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZSE, APRT MGR, YKM ATCT, CHINOOK APP CON.

CHANGES - REASONS:

1. CHANGED ELN VORTAC TO ELN VOR/DME.- TACAN ANTENNA REPLACED WITH DME.
2. ADDED REMARK "GROMO FOUR AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS"- A MINOR AMENDMENT DOES NOT QUALIFY AS A PERIODIC REVIEW.

9/11/2016: THIS IS A CORRCTED COPY OF THE FORM PROCESSED ON 7/08/2016.
ADDED LAST FLIGHT INSPECTION DATE.

10/3/20146: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON08/03/2016.
CHANGED LTJ VORTAC TO LTJ VOR/DME.

QUALITY
24
CHECKED