

NEEDLE SIX DEPARTURE

ATIS 127.75
CLNC DEL
132.4
GND CON
121.9
BOEING TOWER
120.6 257.8
SEATTLE DEP CON
119.2 284.7

VANCOUVER
115.9 YVR
Chan 106
N49°04.64'-W123°08.95'
L-1, H-1

CRANBROOK
112.1 YXC
Chan 58
N49°33.30'-W116°05.27'
H-1

WHATCOM
113.0 HUH
Chan 77
N48°56.72'-W122°34.76'
L-1, H-1

TAKE-OFF OBSTACLES:
192' Flagpole
350' Tower
DEPARTURE OBSTACLES:
1071' Building
578' Towers

VICTORIA
113.7 YYJ
Chan 84
N48°43.62'-W123°29.06'
L-1, H-1

PAINE
110.6 PAE
Chan 43
N47°55.19'-W122°16.66'
L-1

SEATTLE
116.8 SEA
Chan 115
N47°26.12'-W122°18.58'
L-1, H-1

WENATCHEE
111.0 EAT
Chan 47
N47°23.98'-W120°12.65'
L-13

MOSES LAKE
115.0 MWH
Chan 97
N47°12.65'-W119°19.01'
L-13, H-1

HOQUIAM
117.7 HQM
Chan 124
N46°56.82'-W124°08.96'
L-1, H-1

OLYMPIA
113.4 OLM
Chan 81
N46°58.30'-W122°54.11'
L-1, H-1

YAKIMA
116.0 YKM
Chan 107
N46°34.22'-W120°26.68'
L-13, H-1

ELLENSBURG
117.9 ELN
Chan 126
N47°01.46'-W120°27.51'
L-13

BATTLE GROUND
116.6 BTG
Chan 113
N45°44.87'-W122°35.49'
L-1, H-1

TAKE-OFF Rwy 31L/R: Standard with a minimum climb of 350' per NM to 1300'.
NOTE: No right turns authorized until leaving 1300'.

NOTE: Chart not to scale.

NW-1, 22 OCT 2009 to 19 NOV 2009

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DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 31L/R: Climb runway heading, expect radar vectors to assigned route/fix. Maintain 2000 or ATC assigned altitude, expect clearance to filed altitude within 3 minutes after departure.

LOSS COMMUNICATIONS: If no contact with departure control within 3 minutes after departure, climbing left turn direct SEA VORTAC, climb in SEA VORTAC holding pattern (E, left turn 290° inbound) to cross SEA VORTAC at or above MEA/MCA for direction of flight before proceeding enroute.

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