

NEEDLE ONE DEPARTURE

AL-384 (FAA)

BOEING FLD/KING COUNTY INTL (BFI)
SEATTLE, WASHINGTON

SEATTLE DEP CON
120.4 269.125
ATIS
127.75
CLNC DEL
132.4
GND CON
121.9
BOEING TOWER
120.6 257.8

**TOP ALTITUDE:
2100**

VANCOUVER
115.9 YVR
Chan 106

WHATCOM
113.0 HUH
Chan 77

CRANBROOK
112.1 YXC
Chan 58

VICTORIA
113.7 YYJ
Chan 84

PAINE
110.6 PAE
Chan 43



SEATTLE
116.8 SEA
Chan 115

WENATCHEE
114.35 EAT
Chan 90(Y)

MOSES LAKE
115.0 MWH
Chan 97

HOQUIAM
117.7 HQM
Chan 124

OLYMPIA
113.4 OLM
Chan 81

ELLENSBURG
117.9 ELN
Chan 126

YAKIMA
116.0 YKM
Chan 107

BATTLE GROUND
116.6 BTG
Chan 113

TAKEOFF MINIMUMS

Rwys 14L/R: NA - ATC.

Rwy 32L: Standard with minimum climb of 425' per NM to 1400 or 400-1 $\frac{1}{8}$ with minimum climb of 240' per NM to 1400.

Rwy 32R: Standard with minimum climb of 345' per NM to 1400 or 400-2 with minimum climb of 240' per NM to 1400.

NOTE: Rwys 32L/R, no right turns authorized until leaving 1400'.

NOTE: RADAR required.

NOTE: Chart not to scale.



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 32L/R: Climb heading 315°, maintain 2100 or ATC assigned altitude, for RADAR vectors to assigned route/fix, expect clearance to filed altitude within 3 minutes after departure.

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