

NEEDLE EIGHT DEPARTURE

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

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'

CRANBROOK
 112.1 YXC
 Chan 58
 N49°33.30'-W116°05.26'

WHATCOM
 113.0 HUH
 Chan 77
 N48°56.72'-W122°34.76'

VICTORIA
 113.7 YYJ
 Chan 84
 N48°43.62'-W123°29.06'

PAINE
 110.6 PAE
 Chan 43
 N47°55.19'-W122°16.67'

SEATTLE
 116.8 SEA
 Chan 115
 N47°26.12'-W122°18.58'

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

MOSES LAKE
 115.0 MWH
 Chan 97
 N47°12.65'-W119°19.01'

HOQUIAM
 117.7 HQM
 Chan 124
 N46°56.82'-W124°08.96'

OLYMPIA
 113.4 OLM
 Chan 81
 N46°58.30'-W122°54.11'

YAKIMA
 116.0 YKM
 Chan 107
 N46°34.21'-W120°26.68'

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

BATTLE GROUND
 116.6 BTG
 Chan 113
 N45°44.87'-W122°35.49'



NW-1, 26 JUN 2014 to 24 JUL 2014

NW-1, 26 JUN 2014 to 24 JUL 2014

TAKEOFF MINIMUMS

Rwys 13L/R: NA - ATC.

Rwy 31L: Standard with minimum climb of 480' per NM to 1400' or 300-1¼ with minimum climb of 265' per NM to 1400.

Rwy 31R: Standard with minimum climb of 371' per NM to 1400' or 400-2 with minimum climb of 240' per NM to 1400.

NOTE: Rwys 31L/R, no right turns authorized until leaving 1400'.

NOTE: RADAR Required.

(NOTES CONTIUED ON FOLLOWING PAGE)

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale.

NEEDLE EIGHT DEPARTURE

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