

(HELNS.HELNS5) 17173
HELNS FIVE ARRIVAL

AL-330 (FAA)

PORTLAND, OREGON

PORTLAND APP CON
 124.35 299.2
 PORTLAND INTL D-ATIS
 128.35 269.9
 PORTLAND-HILLSBORO ATIS
 127.65

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

BUWZO
 N46°57.14'
 W122°18.58'

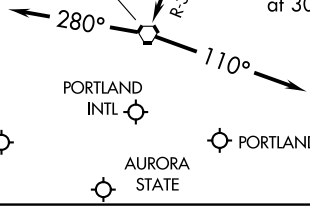
10000
 *8000
 161°
 (42)

HELNS
 N46°15.42'
 W122°18.58'

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

KRATR
 N46°05.39'-W122°24.17'
PROP/TURBOPROP:
 Cross at and maintain 10000.
TURBOJET:
 Cross at and maintain 12000
 at 300 KIAS or less.

NOTE: DME and RADAR required.



NOTE: Chart not to scale.

ARRIVAL ROUTE DESCRIPTION

SEATTLE TRANSITION (SEA.HELNS5): From over SEA VORTAC via SEA R-161 and BTG R-360 to HELNS DME FIX. Thence. . . .
 from over HELNS on BTG VORTAC R-360 to KRATR, thence as depicted to BTG VORTAC. Thence. . . .
 **LANDING EAST:** Depart BTG VORTAC heading 280° for vectors to the final approach course.
 **LANDING WEST:** Depart BTG VORTAC heading 110° for vectors to the final approach course.

NW-1, 07 DEC 2017 to 04 JAN 2018

NW-1, 07 DEC 2017 to 04 JAN 2018

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 (HELNS.HELNS5) 20SEP12

PORTLAND, OREGON