ARRIVAL ROUTE DESCRIPTION

BUWZO TRANSITION (BUWZO.HELNS6): From over BUWZO via SEA R-161 to HELNS. Thence. . . .

SEATTLE TRANSITION (SEA.HELNS6): From over SEA VORTAC via SEA R-161 to HELNS. Thence. . . .
. . . from over HELNS on BTG VORTAC R-360 to cross KRATR at or above 10000, then as depicted to cross BTG VORTAC at or above 7000.

LANDING EAST: From BTG VORTAC heading 280°, expect RADAR vectors to final approach course.

LANDING WEST: From BTG VORTAC heading 110°, expect RADAR vectors to final approach course.
**ARRIVAL ROUTE DESCRIPTION**

From HHOOD on track 257° to BLRUN, thence . . .

**LANDING RUNWAYS 10L/R:** From BLRUN on track 271° to cross SSDEE between 9000 and 11000, then on track 270° to cross THEID between 8000 and 10000, then on track 270° to cross EMZEY between 7000 and 8000 and at 230K, then on track 281° to cross CIIZL at or above 5000 and at 210K, then on track 281° to cross YORKY at 5000, then on track 281° to NNUTT, then on track 278°. Expect RADAR vectors to final approach course.

**LANDING RUNWAY 21:** From BLRUN on track 279° to cross SOOZN at 8000 and at 210K, then on track 279°. Expect RADAR vectors to final approach course.

**LANDING RUNWAYS 28L/R:** From BLRUN on track 259° to cross SHAFR at 6700 and at 210K. Expect RNAV (RNP)/ILS/VISUAL approach as assigned by ATC.

**LOST COMMUNICATIONS**

**LANDING RUNWAY 10:** At NNUTT, turn left direct to BUXOM and execute ILS RWY 10L approach.

**LANDING RUNWAY 21:** At SOOZN turn right direct to CREAK and execute LOC/DME RWY 21 approach.

**LANDING RUNWAY 28:** At SHAFR, turn left direct to REEDI and execute ILS RWY 28R approach.
NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet aircraft descend via Mach number until intercepting 280K.
Maintain 280K until slowed by the STAR.
NOTE: HELNS TRANSITION
ATC assigned only.
ARRIVAL ROUTE DESCRIPTION

BUWZO TRANSITION (BUWZO.KRATR2)
HELNS TRANSITION (HELNS.KRATR2):

From KRATR on track 185° to cross HYKER between 7000 and 9000. Thence. . . .

LANDING RUNWAYS 10L/R: From HYKER on track 206° to cross VOODU at 5000
and at 210K, then on track 214° to DOUHH, then on track 278° to NNUTT, then
on track 278°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 21: From HYKER on track 186° to cross BATYL at 7000 and at
210K, then on track 160°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 28L/R: From HYKER on track 151° to cross LIQWD at 6000,
then on track 151° to cross SSSUN at 210K, then on track 109° to SHYNE, then on
track 108°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS:
LANDING RUNWAYS 10L/R: At NNUTT, turn left direct to BUXOM and execute
ILS RWY 10L approach.
LANDING RUNWAY 21: At BATYL turn left direct to CREAK and execute
LOC/DME RWY 21 approach.
LANDING RUNWAYS 28L/R: At SHYNE, turn right direct to NACIY and execute
ILS RWY 28R approach.
ARRIVAL ROUTE DESCRIPTION

KLAMATH FALLS TRANSITION (LMT.OCITY2): From over LMT VORTAC on LMT R-323 to MOXEE, then on BTG R-163 to OCITY. Thence...

MOXEE TRANSITION (MOXEE.OCITY2): From over MOXEE on BTG R-163 to OCITY. Thence...

ROGUE VALLEY TRANSITION (OED.OCITY2): From over OED VORTAC on OED R-345 to MOXEE, then on BTG R-163 to OCITY. Thence...

PORTL TRANSITION (PORTL.OCITY2): From over PORTL on BTG R-163 to OCITY. Thence...

VANTZ TRANSITION (VANTZ.OCITY2): From over VANTZ on BTG R-163 to OCITY. Thence...

LANDING EAST: From OCITY heading 280°, expect RADAR vectors to final approach course.

LANDING WEST: From OCITY heading 100°, expect RADAR vectors to final approach course.

LOST COMMUNICATIONS: After OCITY, proceed direct BTG VORTAC and hold.
CAUTION: Intermittent parajumping activity 6NM SSE of FLOWR in the vicinity of Skydive, OR (OL05) airport, at and below 14,500'.

NOTE: RADAR required.
NOTE: RNAV 1.
NOTE: DME/DME/IRU or GPS required.
NOTE: Turbojet aircraft descend via Mach number until intercepting 280K.
Maintain 280K until slowed by the STAR.
NOTE: For non-GPS equipped aircraft landing
Rwy 10L/R; UBG DME must be operational.
NOTE: CITYY to TMBRS TRANSITION
ATC assigned only.

NOTE: Chart not to scale.
(NARRATIVE ON FOLLOWING PAGE)
ARRIVAL ROUTE DESCRIPTION

From TMBRS on track 348° to cross VANTZ between 11000 and 15000 and at 250K, then on track 348° to cross FLOWR between 7000 and 9000. Thence . . . .

LANDING RUNWAYS 10L/R: From FLOWR on track 323° to cross FFULL between 7000 and 9000, then on track 323° to cross SSAIL between 6000 and 8000, then on track 323° to cross MYCRO at 5000 and at 210K, then on track 323° to BBREW, then on track 286° to PUBBB, then on track 305°. Expect RADAR vectors to final approach course.

LANDING RUNWAY 21: From FLOWR on track 016° to cross HHOPZ at 7000 and at 210K, then on track 029°. Expect RADAR vectors to final approach course.

LANDING RUNWAYS 28L/R: From FLOWR on track 016° to cross WIDMR at 5000 and at 210K, then on track 016° to ROAGE, then on track 102° to cross ICEAX, then on track 103°. Expect RADAR vectors to final approach course.

LOST COMMUNICATIONS:

LANDING RUNWAY 10: At PUBBB, turn right direct to BUXOM and execute ILS RWY 10L approach.
LANDING RUNWAY 21: At HHOPZ turn left direct to CREAK and execute LOC/DME RWY 21 approach.
LANDING RUNWAY 28: At ICEAX, turn left direct to NACIY and execute ILS RWY 28R approach.