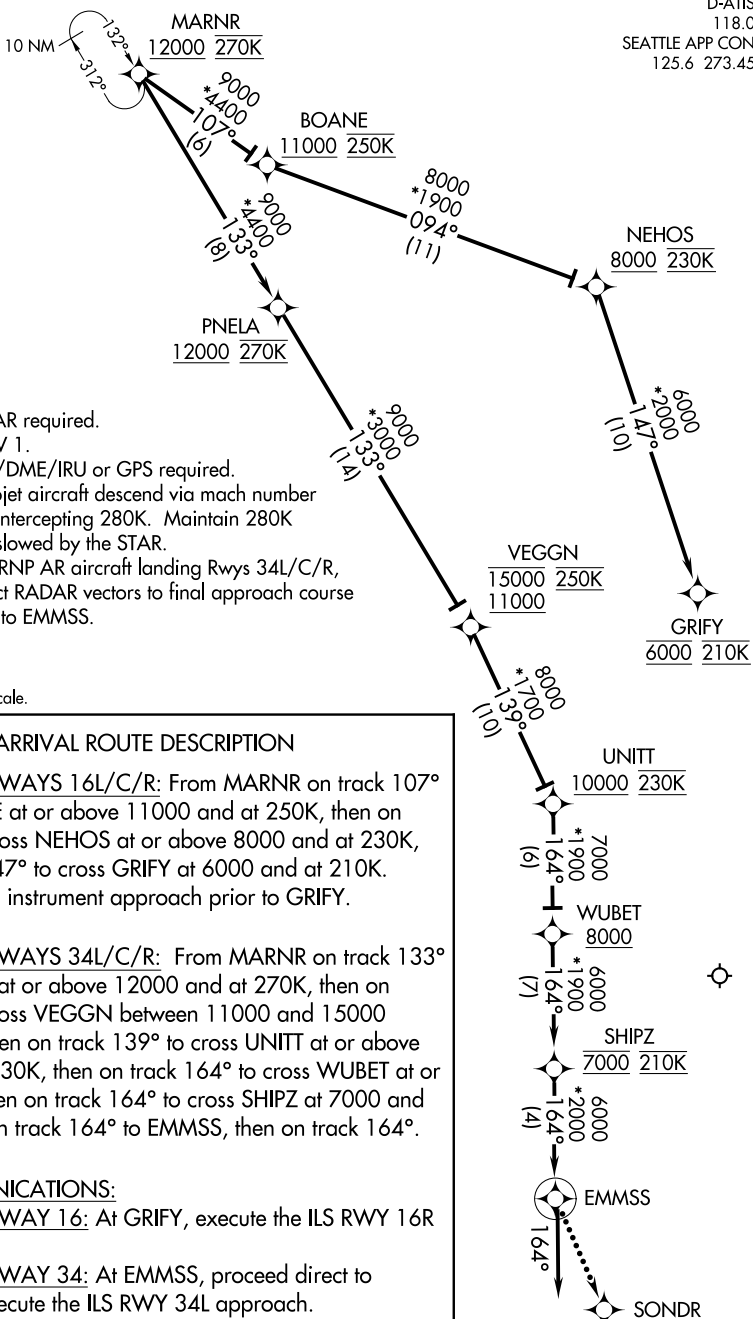


# MARNR SEVEN ARRIVAL (RNAV) Arrival Routes

# Arrival Routes

SEATTLE-TACOMA INTL (SEA)  
SEATTLE, WASHINGTON

D-ATIS  
118.0  
SEATTLE APP CON  
125.6 273.45



- 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: Non-RNP AR aircraft landing Rwsy 34L/C/R, expect RADAR vectors to final approach course prior to EMMSS.

NOTE: Chart not to scale.

### ARRIVAL ROUTE DESCRIPTION

**LANDING RUNWAYS 16L/C/R:** From MARNR on track 107° to cross BOANE at or above 11000 and at 250K, then on track 094° to cross NEHOS at or above 8000 and at 230K, then on track 147° to cross GRIFY at 6000 and at 210K. Expect assigned instrument approach prior to GRIFY.

**LANDING RUNWAYS 34L/C/R:** From MARNR on track 133° to cross PNELA at or above 12000 and at 270K, then on track 133° to cross VEGGN between 11000 and 15000 and at 250K, then on track 139° to cross UNITT at or above 10000 and at 230K, then on track 164° to cross WUBET at or above 8000, then on track 164° to cross SHIPZ at 7000 and at 210K, then on track 164° to EMMSS, then on track 164°.

### LOST COMMUNICATIONS:

**LANDING RUNWAY 16:** At GRIFY, execute the ILS RWY 16R approach.

**LANDING RUNWAY 34:** At EMMSS, proceed direct to SONDR and execute the ILS RWY 34L approach.

NW-1, 31 JAN 2019 to 28 FEB 2019

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