

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: STAR	Estimated Chart Date: 07/11/2024	APWS Task ID: ACD0324679D844BBA6E9F38DCBEB7D95	APWS Project ID: 765584548F5F44889CF53DB5457A466D
Procedure: MARNR EIGHT (RNAV)		Enroute: YES	Specialist: Christensen, Richard		Agreement Number:
Airport ID: KSEA			Airport City: SEATTLE		State: WA
Facility ID:	Facility Type:	Flight Inspection Remark Type: New FC Slot			
<p>Procedure Comments: ACTIVE DATA USED.</p> <p>VICTORIA VOR/DME (YYJ) DECOM, REPLACED WITH NEW WP FIX VIXOR. ADDED HOLDING PATTERN AT SONDR FOR LOST COMM.</p> <p>CONTACTS: ERIC SUSKI (AJV-A431), 405.954.7331 BEVERLY L. BORDY (AJV-A430), 405.954.8293</p> <p><i>Digitally signed by</i> ERIC N SUSKI Mar 29, 2024</p> <p>04/30/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPTED ON 01/03/24. 1. TRANSITION ROUTES: REMOVED VANCOUVER (YVR) TRANSITION FROM PROCEDURE PER NAV CANADA REQUEST, CONFIRMED BY ZSE AIRSPACE MANAGER.</p> <p><i>Digitally signed by</i> ERIC N SUSKI Apr 30, 2024</p> <p>8260-2 VIXOR 10/30/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/29/2024. UPDATED FIX COORDINATES FROM 484337.35N/1232903.70W TO 484337.38N/1232904.16W TO MATCH THE EXISTING NAV CANADA VIXOR COORDINATES. FIX MOVED 31 FT WEST.</p> <p>10/30/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/07/2024. 1. VIXOR TRANSITION: TRUE/MAG COURSE VIXOR-ORCUS CHANGED FROM 148.20/132.20 TO 148.19/132.19. 2. VIXOR MOVED 31 FT WEST; COORDINATES UPDATED TO MATCH NAV CANADA FIX COORDINATES FROM 484337.35N/1232903.70W TO 484337.38N/1232904.16W.</p>					

J ZEDER 04/30/2024

QUALITY
16
CHECKED

10/31/2024

QUALITY
14
CHECKED

QUALITY
41
CHECKED

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FIPC BASIC FORM						
PROCEDURE: MARNR EIGHT (RNAV)			AIRPORT NAME: SEATTLE-TACOMA INTL		AIRPORT ID: KSEA	SPECIAL CONTROL NO: SG-04-033-24
FAC ID: MARNR8		CITY: SEATTLE			ST: WA	ORIG CHART DATE: 07/11/2024
DFL TYPE: PROC/D	THIRD PARTY: <input type="checkbox"/> YES	EST. TIME ON SITE: 1.0	REIMB. NUMBER:	PTS TASK ID: ACD0324679D844BBA6E9F38DCBEB7D95		
PREFLIGHT NOTES						
REVIEWER: gary j veer					DATE: 04/24/2024	
COMMENTS:					CHECK ONE:	
					<input checked="" type="checkbox"/> FLT CK REQ <input type="checkbox"/> NFCR <input type="checkbox"/> REJECT	
					<div style="display: flex; justify-content: space-between;"> YES NO </div>	
					CPV COMPLETE?	
					X	
PROCEDURE RESULTS						
INSPECTION DATE: 04/24/2024	CREW #: VN362	N #: N83	INSTRUMENT PROCEDURE STATUS: <input type="checkbox"/> SAT <input checked="" type="checkbox"/> SAT W/CHANGES <input type="checkbox"/> UNSAT		ARINC CODING: <input type="checkbox"/> SAT <input type="checkbox"/> SAT/GOLD <input type="checkbox"/> UNSAT	
FLIGHT INSPECTOR SIGNATURE: gary j veer @ 04/24/2024 14:42			PRINTED NAME: VEER, GARY JOHN			NOTAM INITIATED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
FLIGHT INSPECTOR REMARKS: Updated amendment, removed MEA/MOCAs inside of Transition WP, added/revised MEA/MOCAs outside of transition WP IAW with current criteria. DME/DME altitude lowered on TOU transition from LOOOO to MARNR flown SAT. YVR Transition from YVR to ROESH removed at NAV Canada request. All MOCA obstacles verified with check of MVA/MIA charts. SEATTLE-TACOMA INTL, SEATTLE, WA, MARNR EIGHT ARRIVAL, SAT w/Change. Procedure Satisfactory for GNSS operations, DME/DME awaiting approval by the applicable AJV Operations Support Group. Received notice of removal of YVR transition from Bob Graham, confirmed by ZSE Airspace Mgr. Forms were not changed at time of inspection. Update forms and FIG before publication.						
IN-FLIGHT OBSTACLE REPORT						
OBSTRUCTION ID #:	COORDINATES OR LOCATION:	GNSS ALTITUDE (MSL):	BAROMETRIC ALTITUDE (MSL):	HEIGHT ABOVE GROUND LEVEL:		

OLD

(MARNR.MARNR7) 17285

AL-582 (FAA)

MARNR SEVEN ARRIVAL (RNAV) Transition Routes

SEATTLE-TACOMA INTL (SEA)

SEATTLE, WASHINGTON

BUHNR TRANSITION (BUHNR.MARNR7)

JIGEB TRANSITION (JIGEB.MARNR7)

ROESH TRANSITION (ROESH.MARNR7)

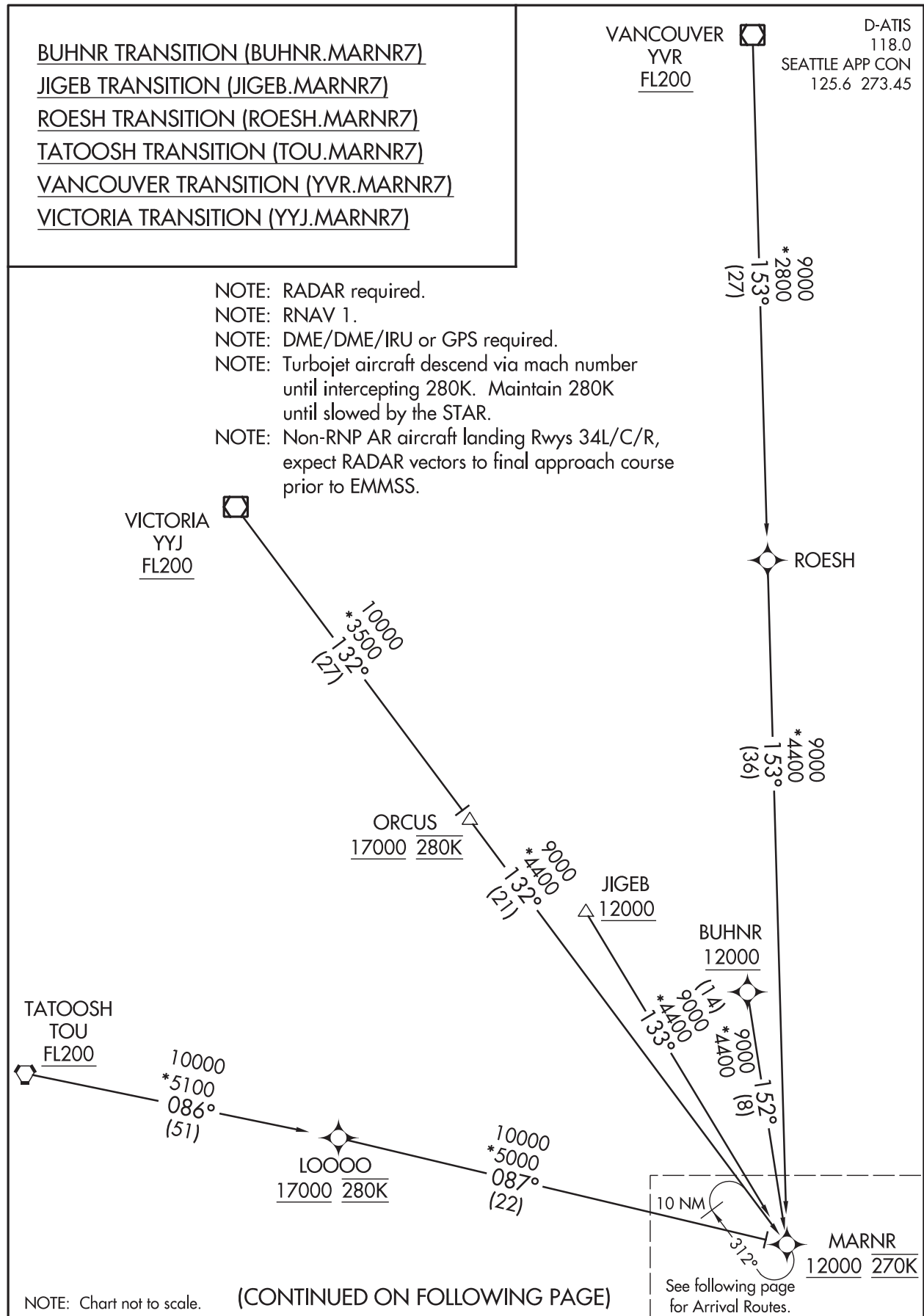
TATOOSH TRANSITION (TOU.MARNR7)

VANCOUVER TRANSITION (YVR.MARNR7)

VICTORIA TRANSITION (YYJ.MARNR7)

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 Rwy 34L/C/R, expect RADAR vectors to final approach course prior to EMMSS.

NW-1, 30 NOV 2023 to 28 DEC 2023



NW-1, 30 NOV 2023 to 28 DEC 2023

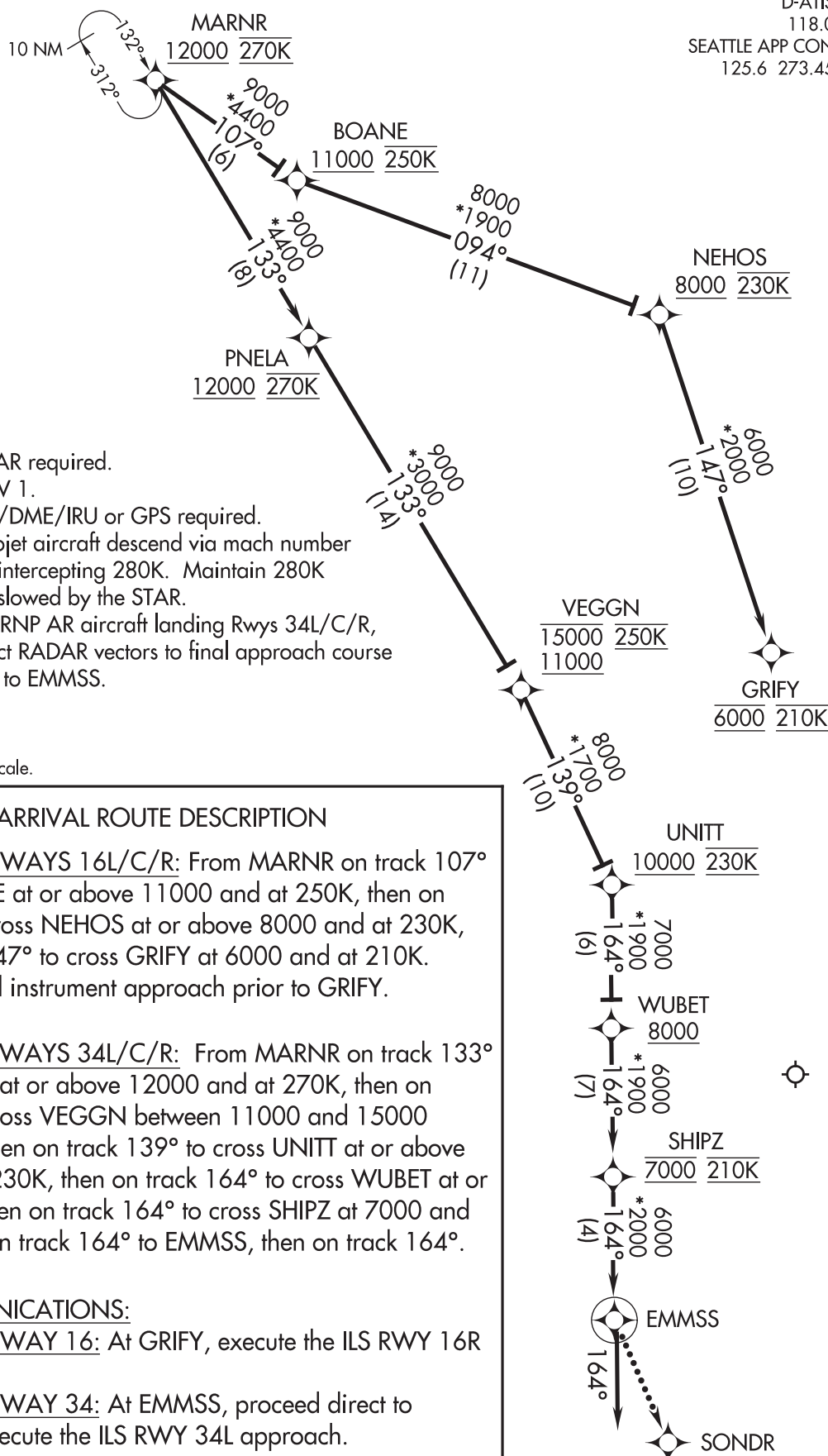
MARNR SEVEN ARRIVAL (RNAV) Transition Routes

(MARNR.MARNR7) 12OCT17

SEATTLE, WASHINGTON

SEATTLE-TACOMA INTL (SEA)

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 Rwy 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, 30 NOV 2023 to 28 DEC 2023

NW-1, 30 NOV 2023 to 28 DEC 2023

SEATTLE-TACOMA INTL (SEA)
SEATTLE, WASHINGTON

SEATTLE, WASHINGTON

VIXOR TRANSITION (VIXOR.MARNR8)

RADAR required.

SEATTLE APP CON
125.6 273.45

➤ MARNR
12000 270K

See following page
for Arrival Routes.

(MARNR.MARNR8) FIG

EFF: FIG

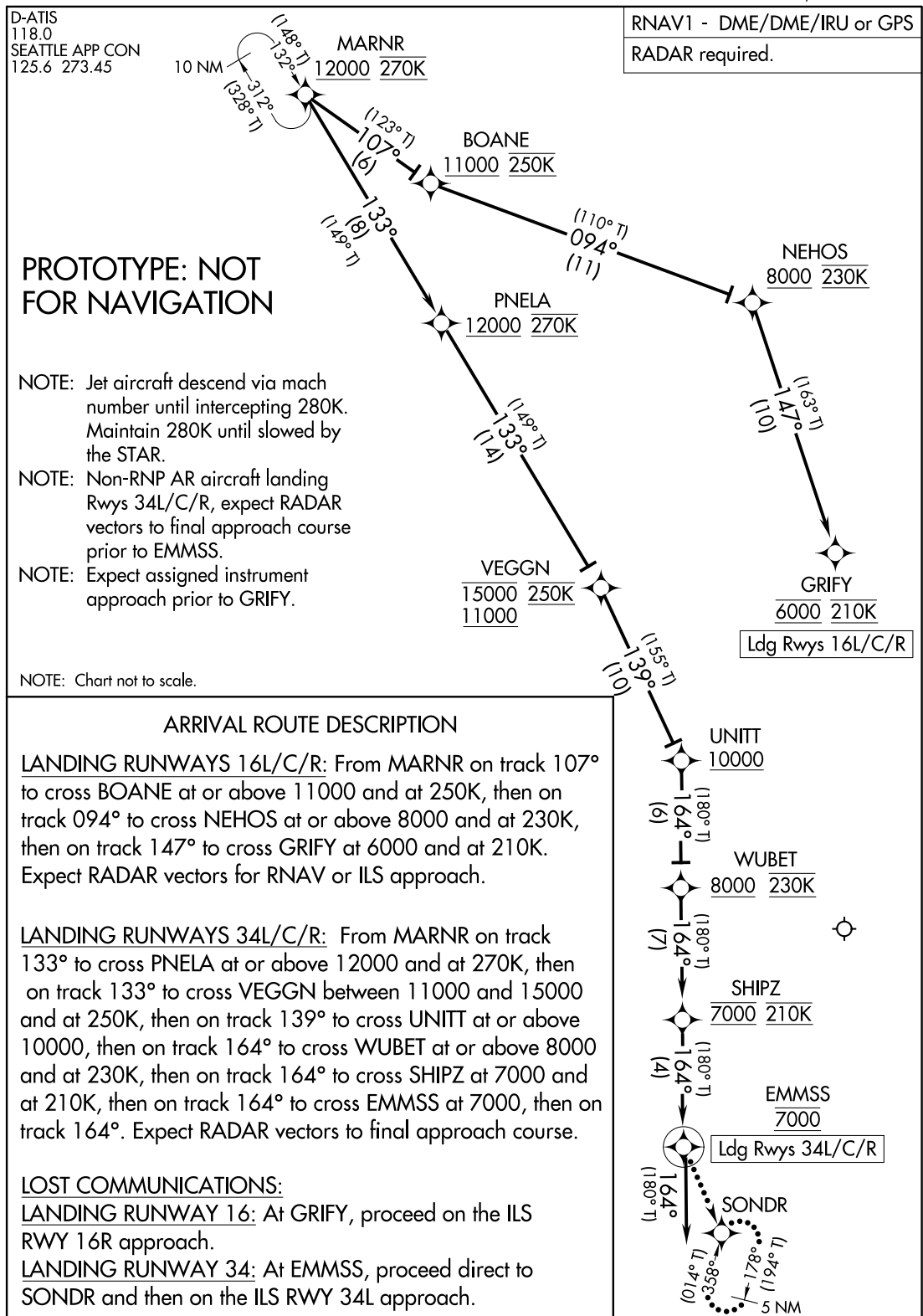
(MARNR.MARNR8) FIG

AL-582 (FAA)

SEATTLE-TACOMA INTL (SEA)

SEATTLE, WASHINGTON

MARNR EIGHT ARRIVAL (RNAV) Arrival Routes



AUTOMATED AL-582 MARNR ARRIVAL (CONT PAGE)

NW-1

25 MAR 2024

COMPILER: CG

REVIEWER:

DBL CHKR:

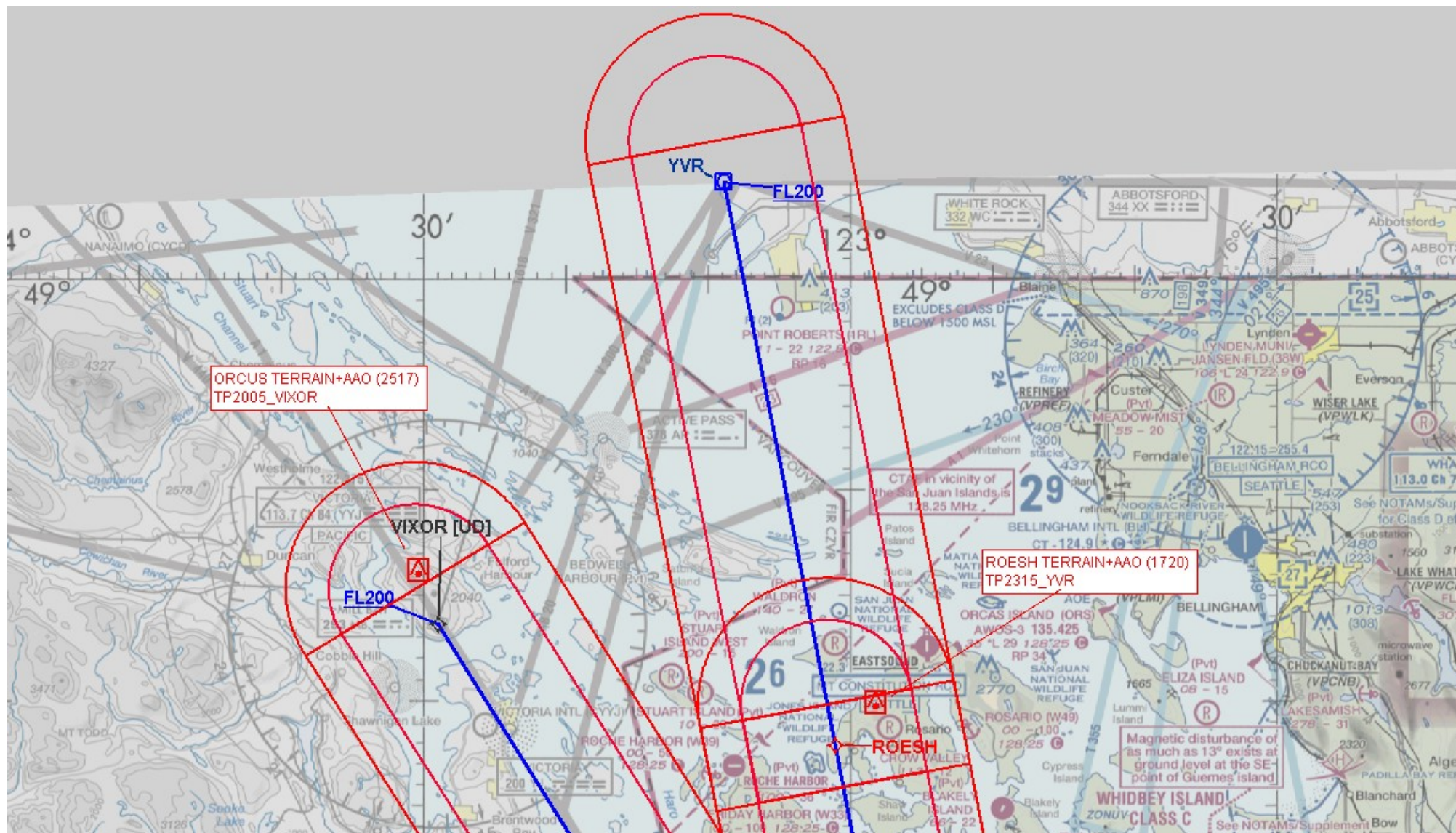
EFF: FIG

MARNR EIGHT ARRIVAL (RNAV) Arrival Routes

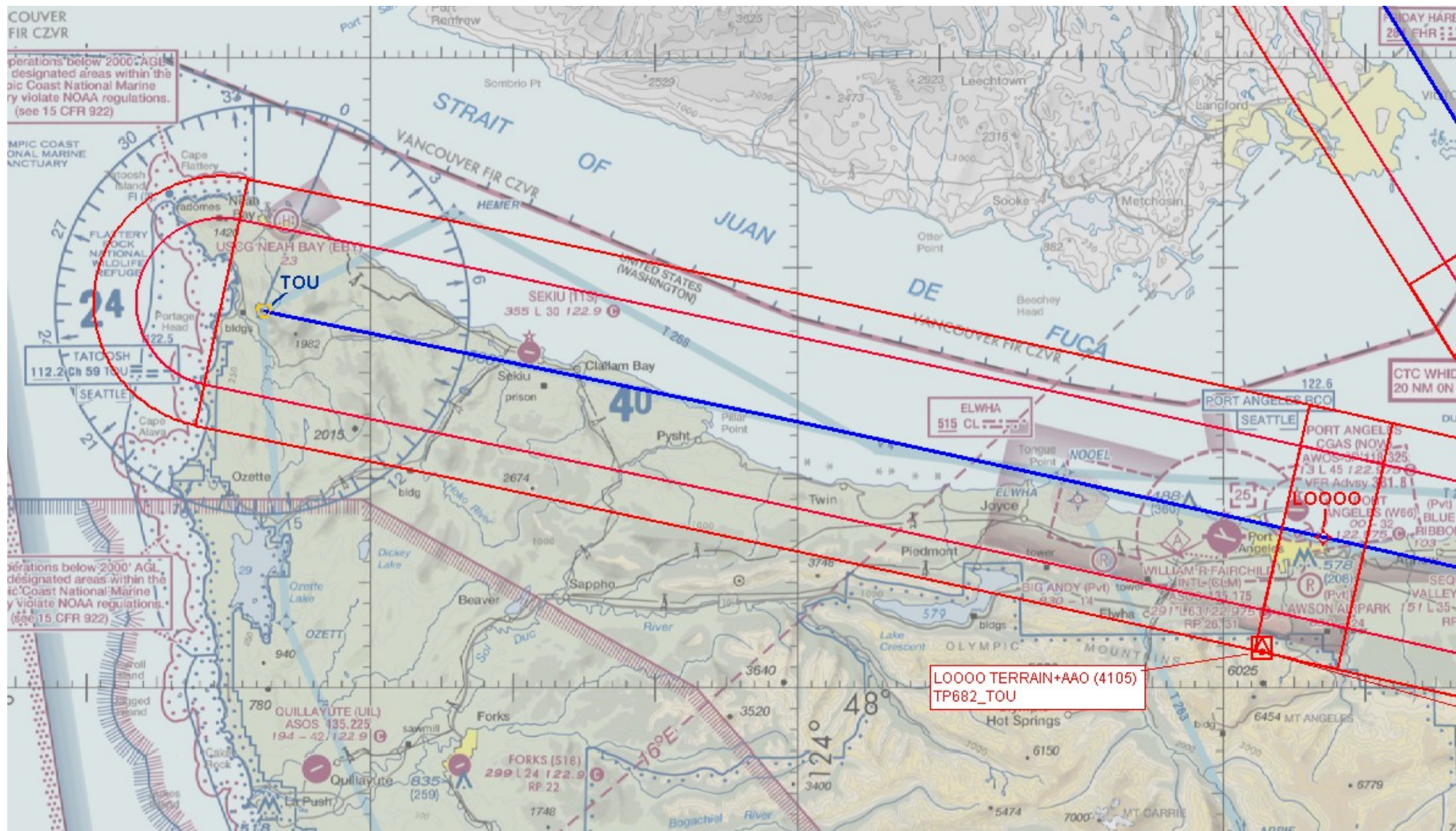
(MARNR.MARNR8) FIG

SEATTLE, WASHINGTON

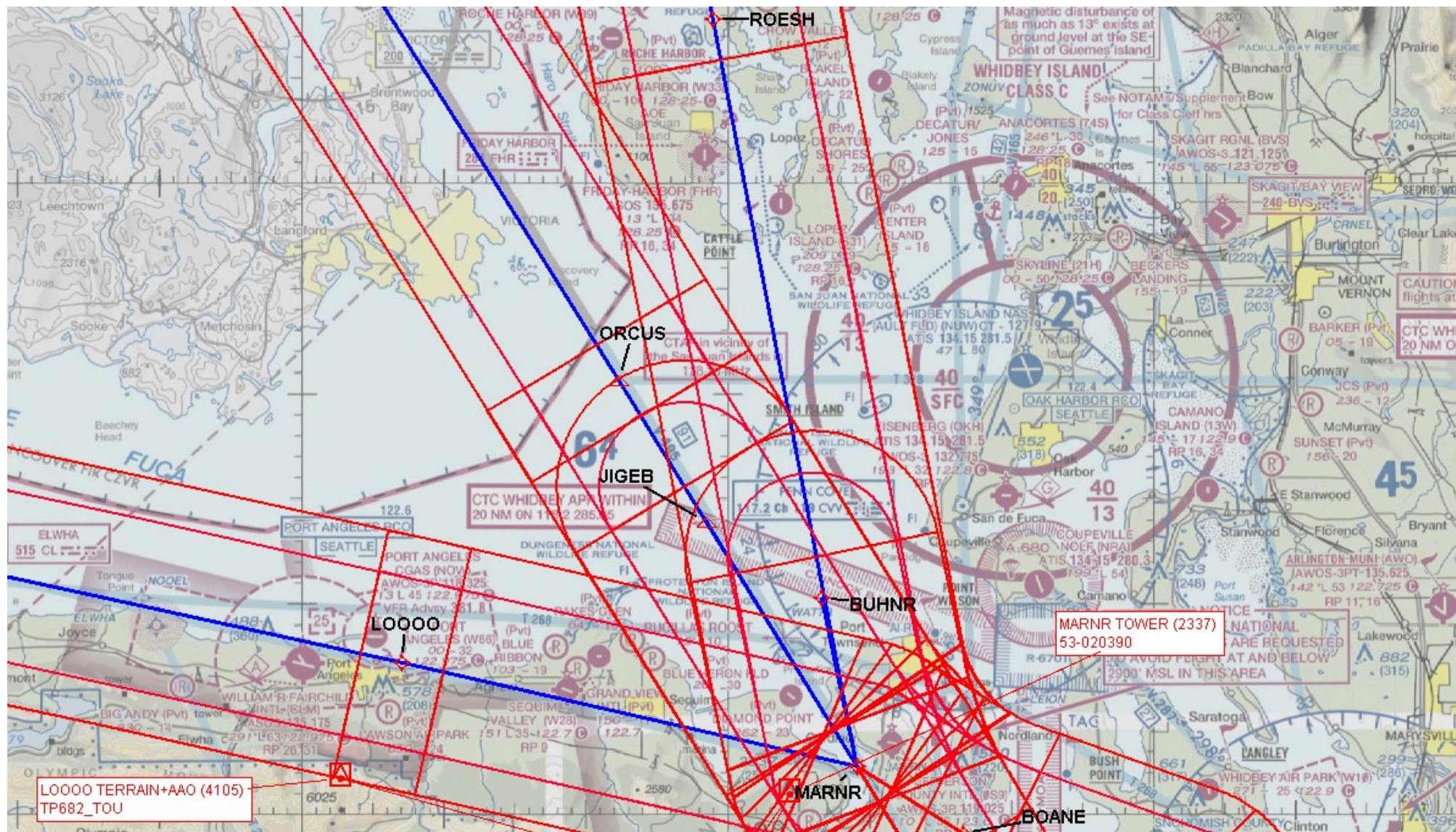
SEATTLE-TACOMA INTL (SEA)



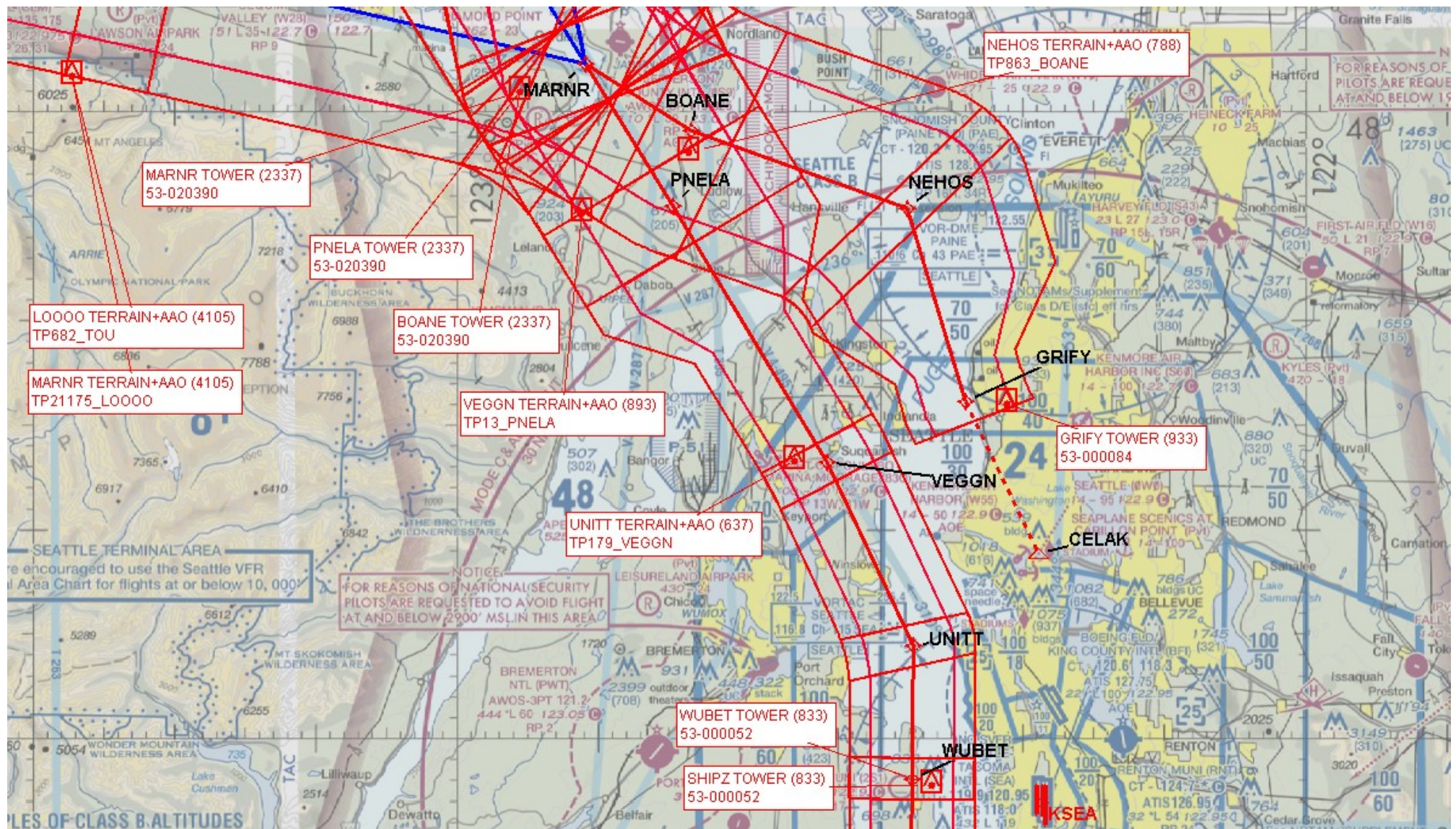
MARNR (RNAV)



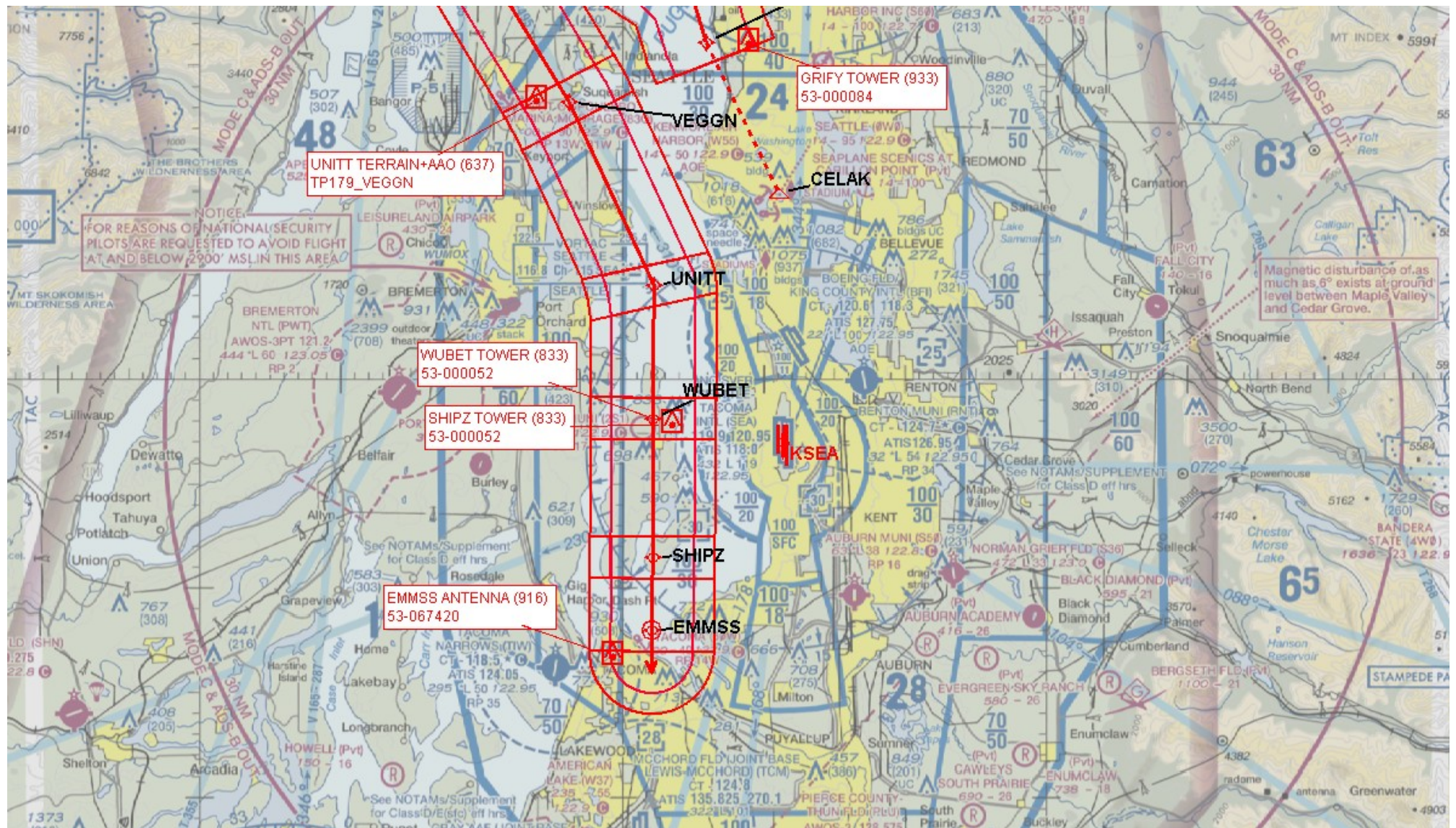
MARNR (RNAV)



MARNR (RNAV)



MARNR (RNAV)



MARNR (RNAV)

PROC: STAR - MARNR EIGHT (RNAV)
CITY/STATE: SEATTLE, WA
APT NAME/ID: SEATTLE-TACOMA INTL (KSEA)
SONDR LOST COMM HOLDING
1:500K

**WUBET TERRAIN+AAO (640)
TP2_UNITT**

**SHIPZ TERRAIN+AAO (670)
TP0_WUBET**

**EMMSS TERRAIN+AAO (725)
TP0_SHIPZ**

SONDR

**SONDR LOST COMM
AAO (1152)**

SHIPZ TERRAIN+AAO (670)
TP0_WUBET

SONDR LOST COMM
AAO (1152)