

01-FEB-2018

**TCM-KTCM****1-10****AOI****GENERAL****Operational Hours****ATS Hours / AD OPS Hours:** H24**Airport Information****RFF:** Not published**Fuel:** Jet A++**PCN:** RWY 16/34: 60/F/A/W/T**Operation****Traffic Note**

All transient ACFT require PPR.

1 week prior coordination with AD Manager is required for any taxi operation.

All ACFT must contact Command Post 134.100 no later than 30min prior to LDG.

**Taxi/Parking**

TWY K by towing only.

**Warnings****TCM VOR** unusable:

R033-R043 beyond 12NM below 8500ft.

R043-R063 beyond 12NM.

R063-R076 beyond 19NM.

R076-R082 beyond 19NM below 8000ft.

R076-R082 beyond 24NM below 10000ft.

R142-R153 beyond 12NM.

R153-R163 beyond 12NM below 5800ft.

R207-R277 beyond 12NM.

R307-R082 beyond 10NM below 8000ft.

R307-R347 beyond 12NM.

R347-R033 beyond 19NM.

Coyotes or deer and birds in vicinity of AD.

01-FEB-2018

**TCM-KTCM**

1-20

AOI

AOI

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Arrival Procedure****VFR Traffic Pattern:** RWY 34 right-hand circuit.**Non-standard GP intercept position on  
RWY 16**GP intercepts RWY 16 at *320m / 1049ft* after landing threshold.  
Remaining LDG DIST beyond GP is *2761m / 9059ft*.**RWY 34**GP intercepts RWY 34 at *343m / 1126ft* after landing threshold.  
Remaining LDG DIST beyond GP is *2738m / 8982ft*.**Communication****COM Failure:** See CRAR and in addition;  
**ADYMS RNAV**

RWY 34: At ALDER, execute APCH, if unable, proceed direct CUBIT and hold as published, maintain 4000ft, squawk appropriate beacon code.

RWY 16: At ELBEE, turn left direct STEIL and execute APCH, if unable hold as published, maintain 4000ft, squawk appropriate beacon code.

**ARRIE**

Proceed direct to TCM VOR/DME.

**ELLENSBURG RNAV**

RWY 16: At WAALP, proceed direct STEIL and execute APCH, if unable hold as published, maintain 4000ft, squawk appropriate beacon code.

RWY 34: At JETEM, execute APCH, if unable, proceed direct CUBIT and hold as published, maintain 4000ft, squawk appropriate beacon code.

**GLASR**

From HETHR, proceed direct to SEA VOR/DME.

**JAWBN**

After ALKIA, proceed direct to SEA VOR/DME.

**Warnings**

PAPI GS not coincidental with ILS GS.

**DEPARTURE****Take-off Minima**

RWY		16/34	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	SID MOCCA: MNM climb gradient 8.3% up to 3000
3+4 ENG		0 - 2400R/0.5V	

**Speed**

MAX IAS 250KT below 10000ft.

**Communication****COM Failure:** See CRAR.

01-FEB-2018

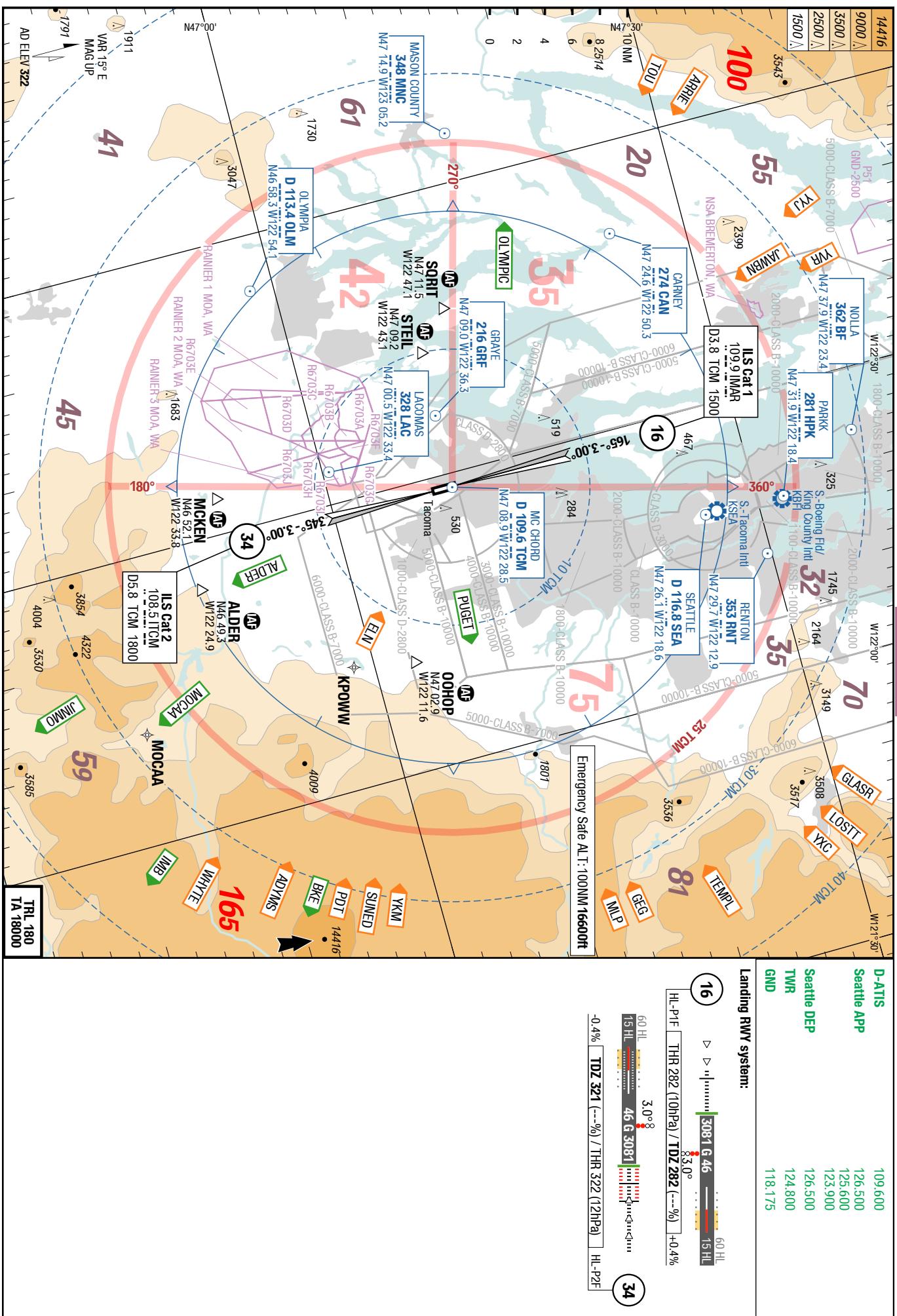
TCM-KTCM

United States | 2

2-10

**AFC**  McChord

AGC  
McCurdy & Jollit, Lewis-McCurdy, Lacuna United States



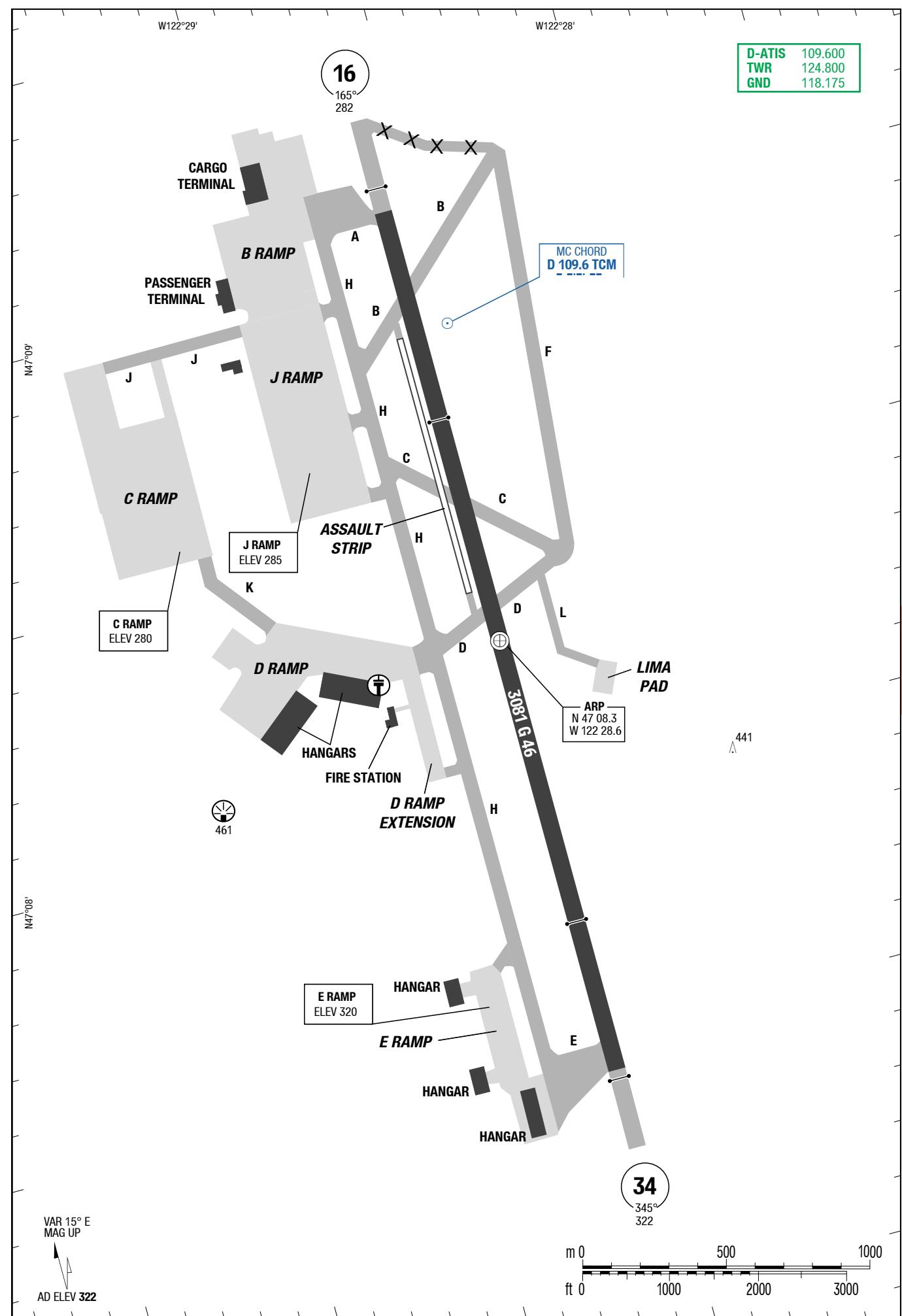
01-FEB-2018

**TCM-KTCM**

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

**3-20****AGC****AGC****AGC**McChord Fld /Joint Base Lewis-McChord/ **Tacoma** United States

D-ATIS	109.600
TWR	124.800
GND	118.175



01-FEB-2018

TCM-KTCM

United States Laconia McClellan Hd / Joint Base Lewis-McClellan

MOGAA 3 RNAV

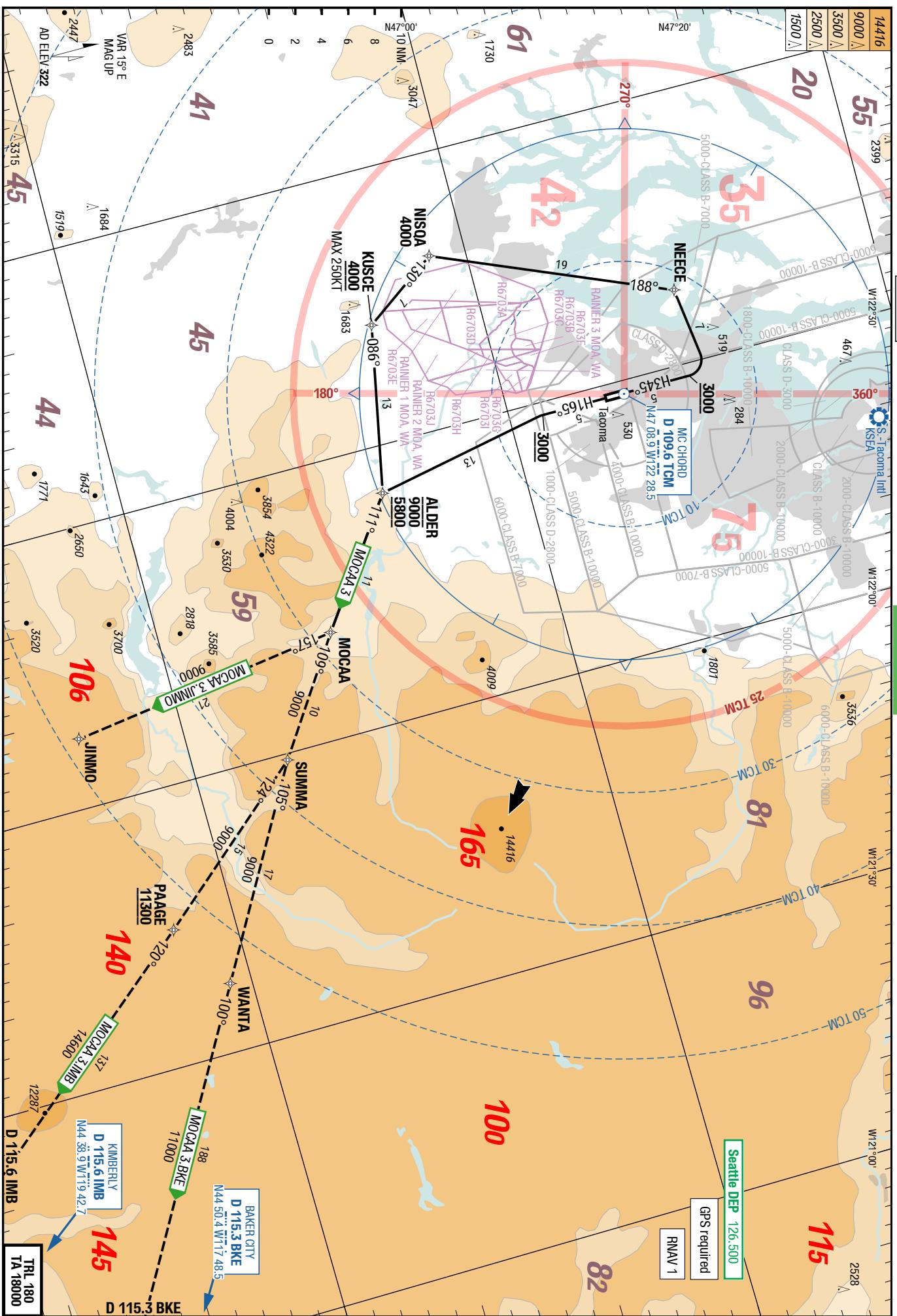
McGraw-Hill/Southernwest Lewis-McGraw-Hill  
McGraw-Hill/Southernwest Lewis-McGraw-Hill

MOCAA 3 RNAV

4-10

SID

2020



01-FEB-2018

## TCM-KTCM

4-20

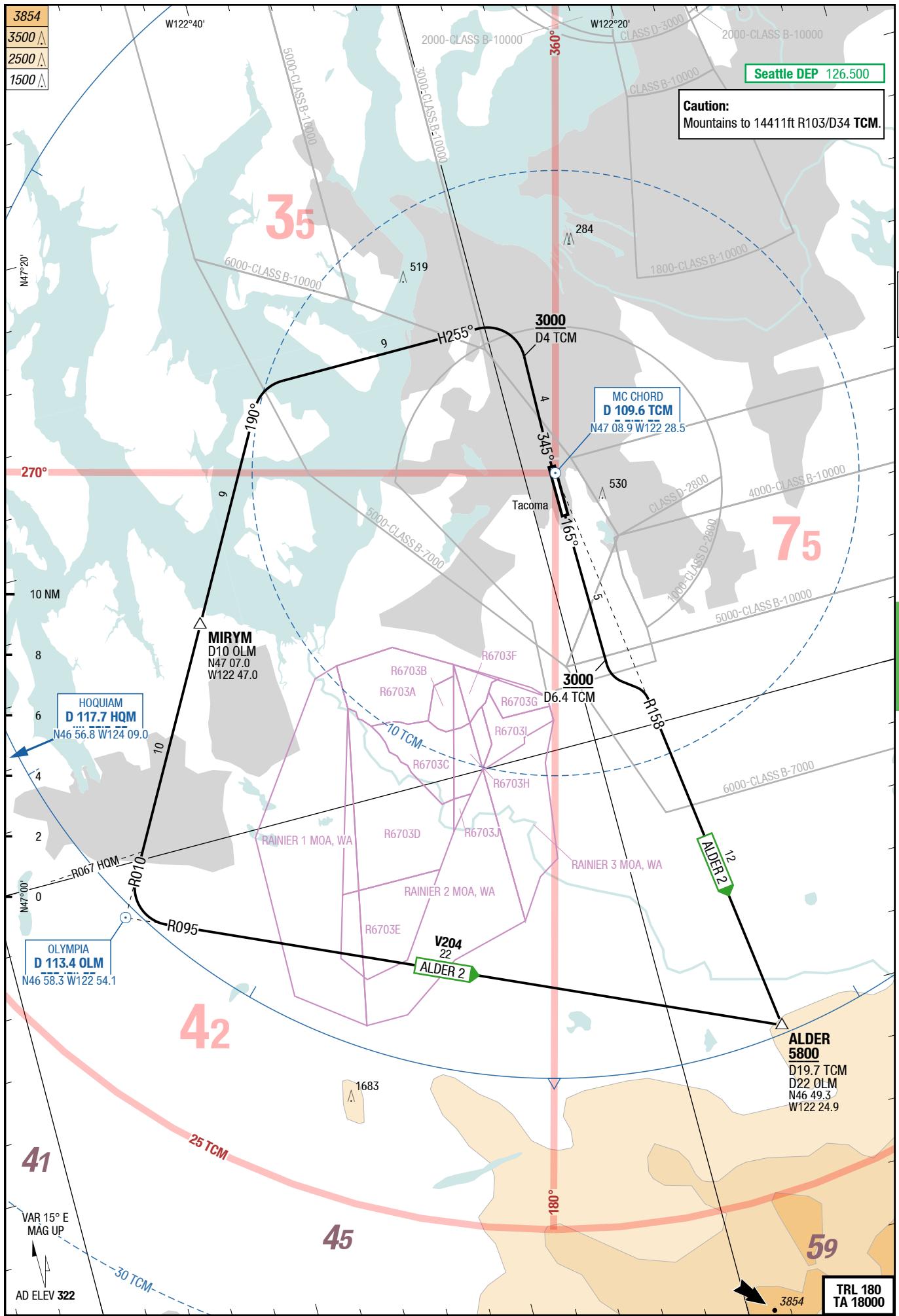
ALDER 2

SID  
SID

ALDER 2

McChord Fld /Joint Base Lewis-McChord, Tacoma United States

United States Tacoma McChord Fld /Joint Base Lewis-McChord/



01-FEB-2018

TCM-KTCM

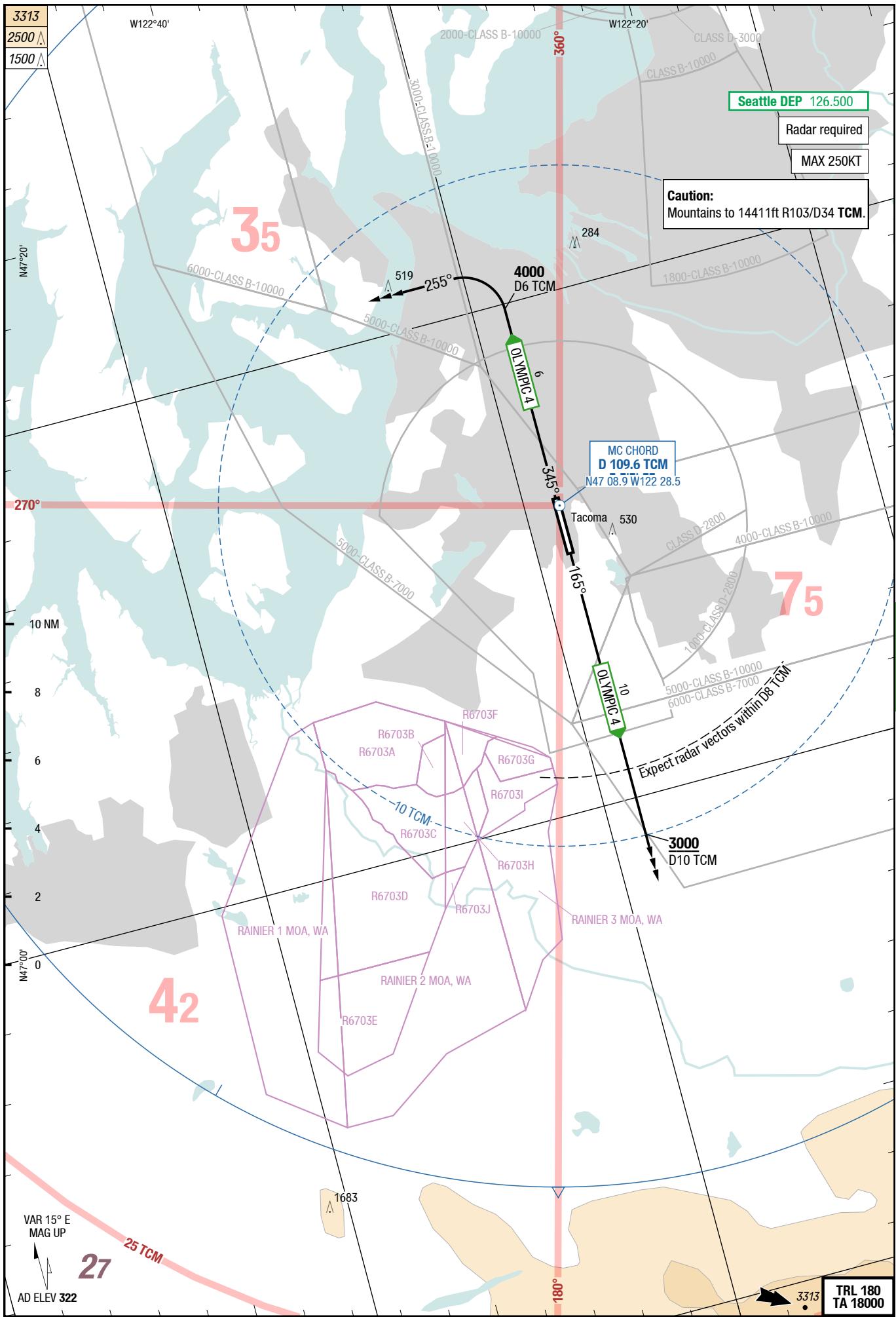
**D** United States Tacoma McChord Fld./Joint Base Lewis-McChord/  
**D** McChord Fld./Joint Base Lewis-McChord/ **Tacoma** United States

4-30

OLYMPIC 4

SID

**McChord Fld./Joint Base Lewis-McChord/ Tacoma United States**  
**PUGET 6**



01-FEB-2018

## TCM-KTCM

4-40

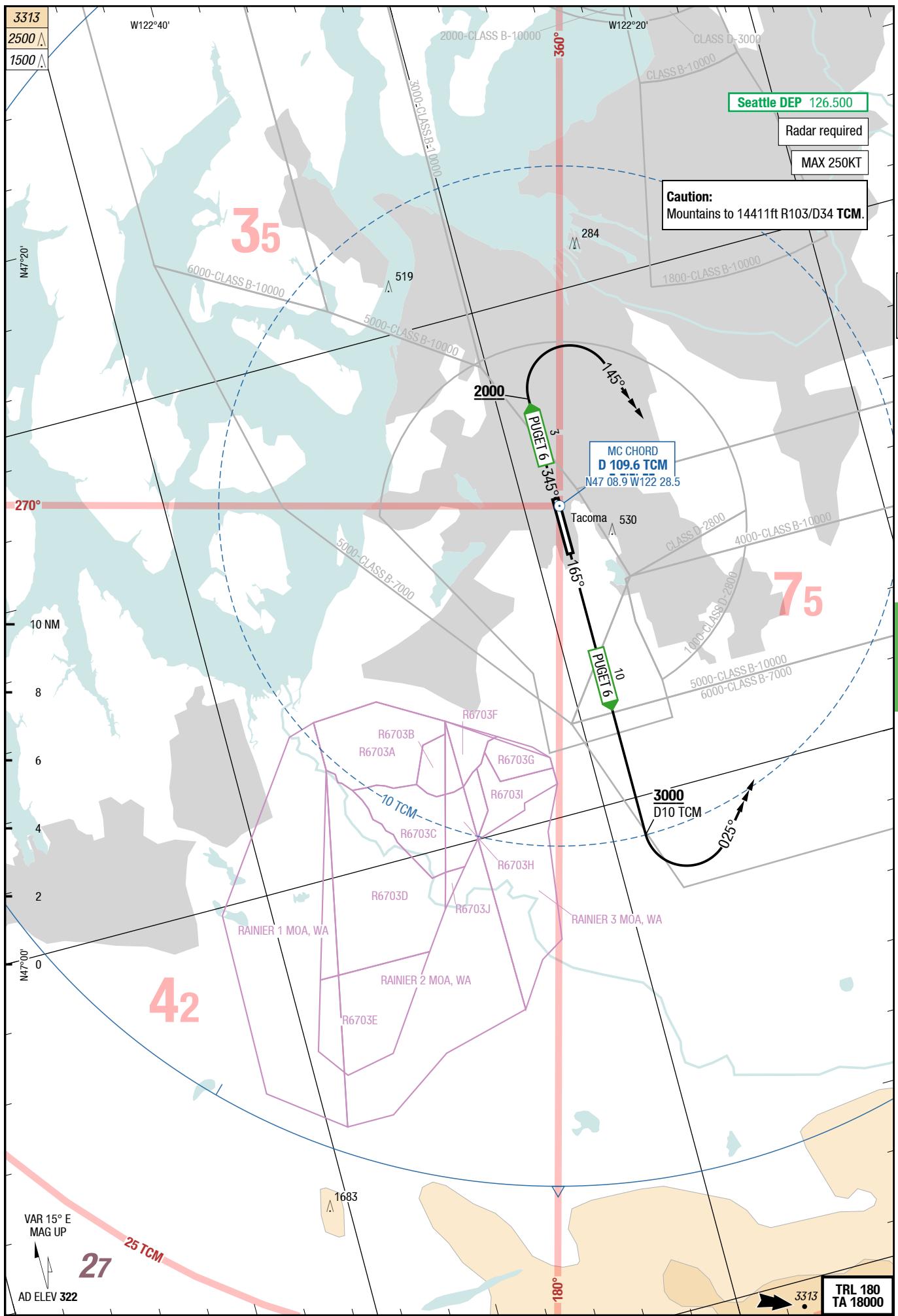
PUGET 6

SID  
SID

PUGET 6

McChord Fld /Joint Base Lewis-McChord, Tacoma United States

United States Tacoma McChord Fld /Joint Base Lewis-McChord/



01-FEB-2018

**TCM-KTCM****5-10****MOCAA 3 RNAV**

SIDPT

**MOCAA 3**

RWYs 16 (165°) / 34 (345°)

DESIGNATOR	ROUTING	ALTITUDES
<b>MOCAA 3</b> 126.500 ①		
<b>RWY 16</b>	H165° [A3000+] - DCT ALDER - MOCAA	ALDER between <b>5800</b> and <b>9000</b>  <b>initial climb 9000</b>
<b>RWY 34</b>	H345° [A3000+ ;L] - DCT NEECE - NISQA - KUSCE [K250-] - ALDER - MOCAA	NISQA at <b>4000</b> KUSCE MNM <b>4000</b> ALDER between <b>5800</b> and <b>9000</b>  <b>initial climb 9000</b>
<b>TRANSITION</b>		
<b>BAKER CITY (BKE)</b> MOCAA - SUMMA - WANTA - BKE		
<b>JINMO</b> MOCAA - JINMO		
<b>KIMBERLY (IMB)</b> MOCAA - SUMMA - PAAGE - IMB		PAAGE MNM <b>11300</b>

① Expect filed ALT 5 MIN after departure.

01-FEB-2018

**TCM-KTCM****5-20****ALDER 2**

SIDPT

**ALDER 2**

RWYs 16 (165°) / 34 (345°)

DESIGNATOR	ROUTING	ALTITUDES
<b>ALDER 2</b> <b>126.500</b> ①②		
<b>RWY 16</b>	at D6.4 <b>TCM LT</b> intercept R158 <b>TCM</b> to <b>ALDER</b>	D6.4 <b>TCM MNM 3000</b> <b>ALDER MNM 5800</b>
<b>RWY 34</b>	at D4 <b>TCM LT</b> HDG 255° - <b>LT</b> intercept R010 <b>OLM</b> via MIRYM to <b>OLM</b> - R095 <b>OLM</b> to <b>ALDER</b>	D4 <b>TCM MNM 3000</b> <b>ALDER MNM 5800</b>

- ① If unable to comply with ATC crossing restrictions, advise ATC prior to departure.  
 ② Caution: Mountains to 14411ft R103/D34 TCM.

01-FEB-2018

**TCM-KTCM****5-30****OLYMPIC 4**

SIDPT

**OLYMPIC 4**

RWYs 16 (165°) / 34 (345°)

DESIGNATOR	ROUTING	ALTITUDES
<b>OLYMPIC 4</b>		
<b>126.500</b>		
<b>RWY 16</b> ①②③④	at D10 <b>TCM</b> - expect vectors	D10 <b>TCM MNM 3000</b> <b>Initial climb</b> by ATC
<b>RWY 34</b> ①③④	at D6 <b>TCM LT 255°</b> - expect vectors	D6 <b>TCM at 4000</b> <b>Initial climb</b> by ATC

- ① If unable to comply with ATC crossing restrictions, advise ATC prior to departure.
- ② Expect radar vectors within D8 TCM.
- ③ MAX 250KT.
- ④ Caution: Mountains to 14411ft R103/D34 TCM.

01-FEB-2018

**TCM-KTCM****5-40****PUGET 6****PUGET 6**

RWYs 16 (165°) / 34 (345°)

DESIGNATOR	ROUTING	ALTITUDES
<b>PUGET 6</b> <b>126.500</b> ①②③④		
<b>RWY 16</b>	at D10 <b>TCM LT 025°</b> - expect vectors	D10 <b>TCM MNM 3000</b> <b>initial climb</b> by ATC
<b>RWY 34</b>	at MNM <b>2000 RT 145°</b> - expect vectors	<b>initial climb</b> by ATC

- ① If unable to comply with ATC crossing restrictions, advise ATC prior to departure.
- ② Radar vectors required within 10NM after departure.
- ③ MAX 250KT.
- ④ Caution: Mountains to 14411ft R103/D34 TCM.

Changes: New

01-FEB-2018

**TCM-KTCM****5-50****Obstacle Departure**

SIDPT

**Obstacle Departure**

<b>RWY</b>	<b>Routing</b>
<b>16</b>	HDG 160°. <b>LT</b> intercept R168 <b>SEA</b> to ALDER (D37.1 <b>SEA</b> ). Cross ALDER MNM <b>4000</b> . After ALDER, maintain MEA/MOCA for route of flight.
<b>34</b>	HDG 340°. <b>RT</b> intercept R168 <b>SEA</b> to ALDER (D37.1 <b>SEA</b> ). Cross ALDER MNM <b>4000</b> . Maintain MEA/MOCA for route of flight.
<b>RWY</b>	<b>Notes</b>
<b>16</b>	Grove of trees 143ft AGL/454ft MSL, 4892ft from DER, 1353ft left of centerline. Grove of trees 102ft AGL/419ft MSL, 2395ft from DER, 1028ft right of centerline. Trees 136ft AGL/447ft MSL, 2867ft from DER, 1261ft left of centerline. Trees 120ft AGL/430ft MSL, 2594ft from DER, 1113ft left of centerline. Trees 85ft AGL/394ft MSL, 2310ft from DER, 957ft left of centerline. Trees 83ft AGL/392ft MSL, 2006ft from DER, 959ft left of centerline. Trees 87ft AGL/389ft MSL, 1758ft from DER, 971ft left of centerline.
<b>34</b>	Tree 106ft AGL/348ft MSL, 2307ft from DER, 1038ft left of centerline. Tree 121ft AGL/370ft MSL, 3190ft from DER, 526ft right of centerline. ACFT 65ft AGL/317ft MSL, 186ft from DER, 407ft left of centerline. Tree 64ft AGL/343ft MSL, 2260ft from DER, 1036ft left of centerline. BLDG 40ft AGL/321ft MSL, 1668ft from DER, 810ft left of centerline.

01-FEB-2018

United States **Tacoma** McChord Fld /Joint Base Lewis-McChord/

McChord Fld /Joint Base Lewis-McChord/ **Tacoma** United States

TCM-KTCM

6-10

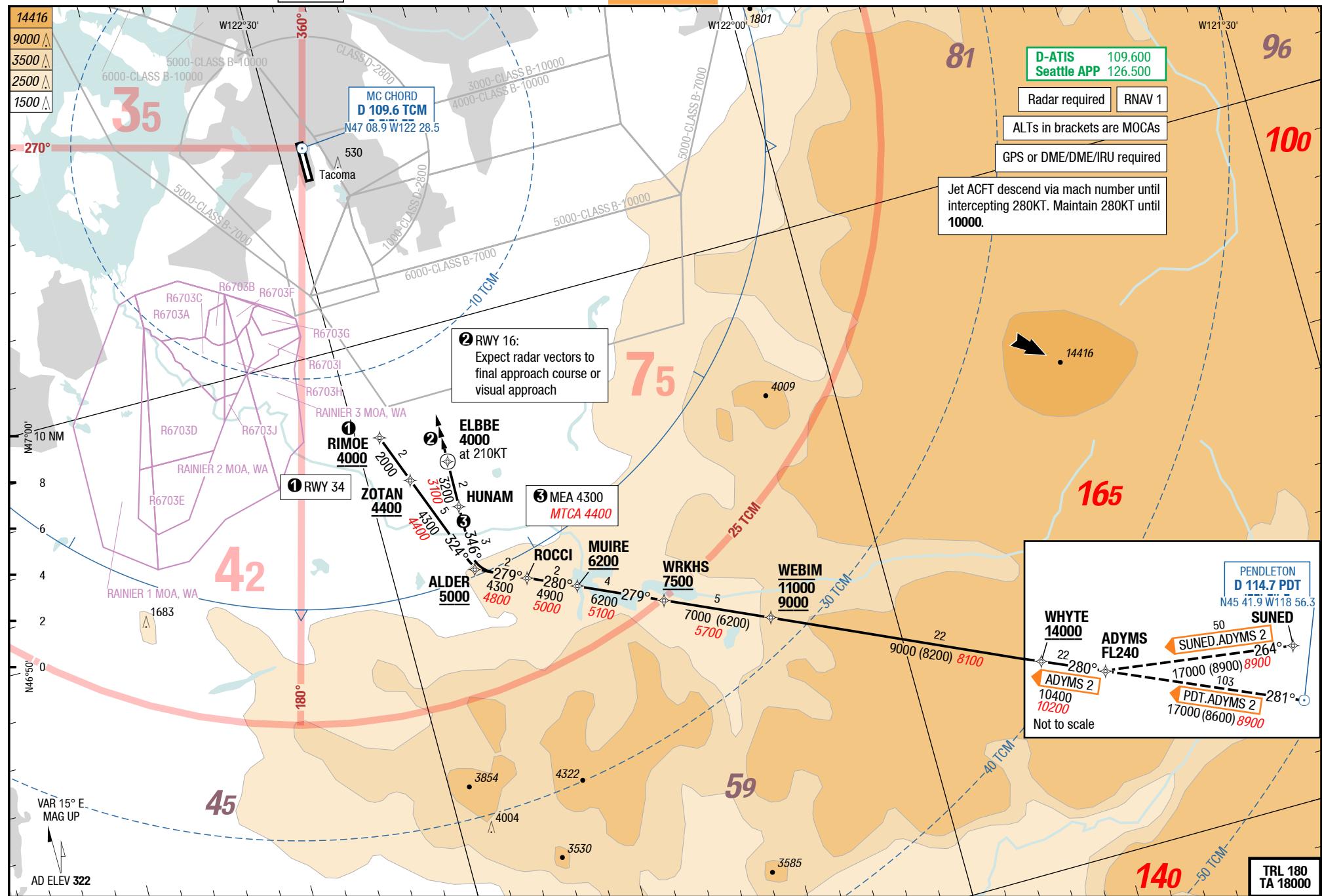
**ADYMS 2 RNAV**

STAR

STAR

McChord Fld /Joint Base Lewis-McChord/ **Tacoma** United States

**ELLENSBURG 3 RNAV  
ADYMS 2 BN**



01-FEB-2018

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

TCM-KTCM

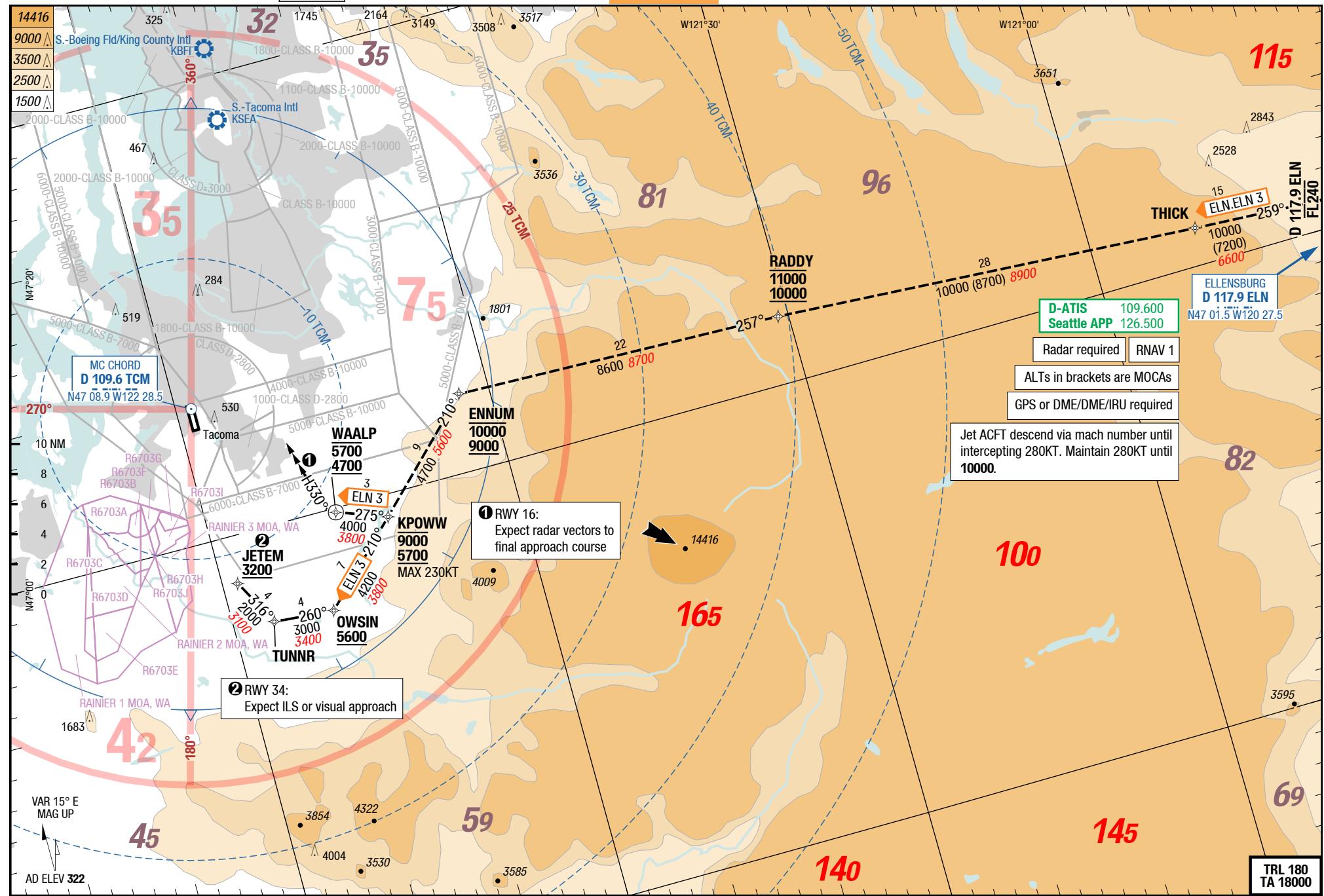
6-20

ELLENBURG 3 RNAV

STAR

STAR

McChord Fld /Joint Base Lewis-McChord/ Tacoma United States



Changes: new

01-FEB-2018

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

GLASR 1

ARRIE 7

TCM-KTCM

6-30

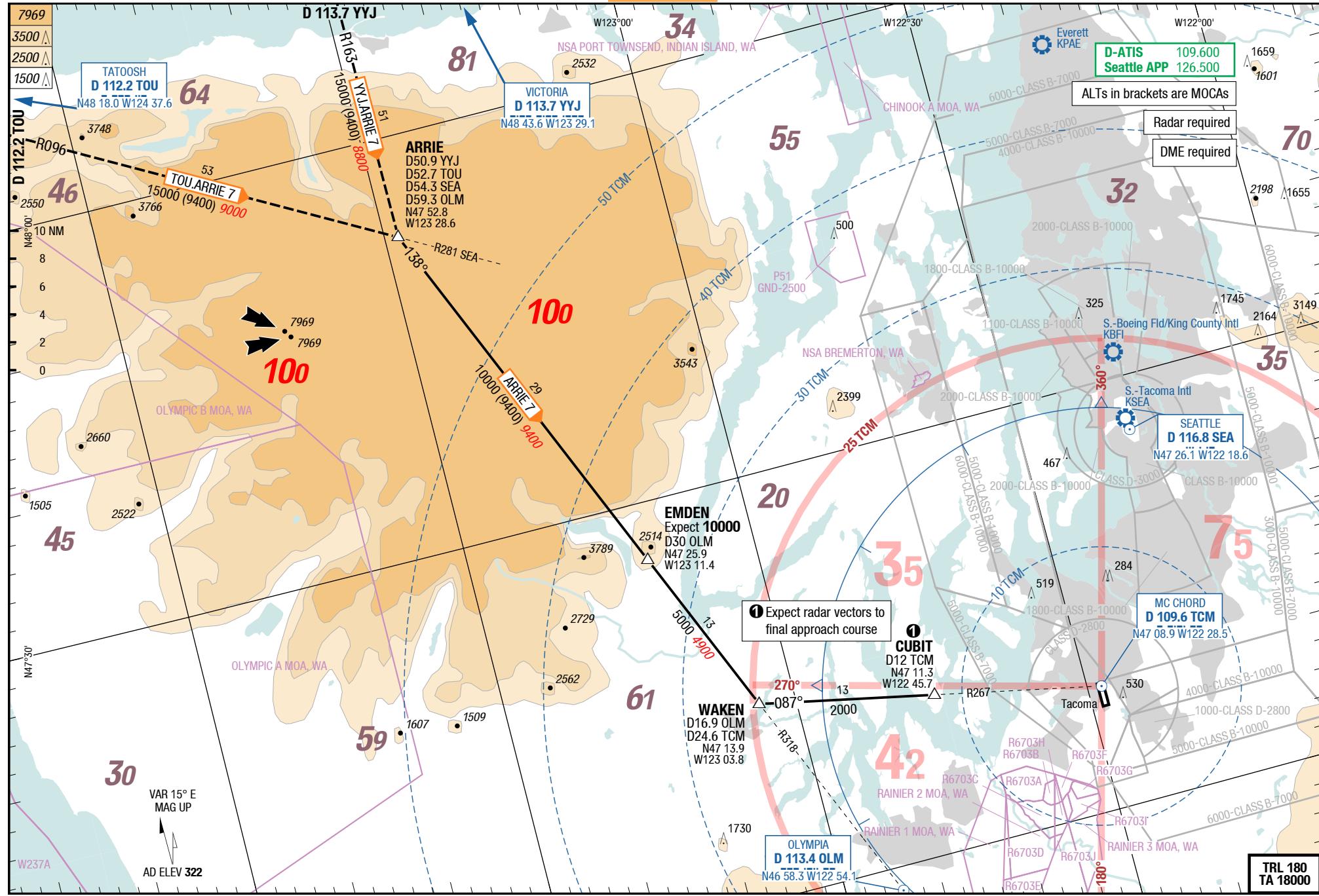
STAR

STAR

McChord Fld /Joint Base Lewis-McChord/ **Tacoma United States**

GLASR 1

ARRIE 7



01-FEB-2018

United States **Tacoma** McChord Fld /Joint Base Lewis-McChord/

TCM-KTCM

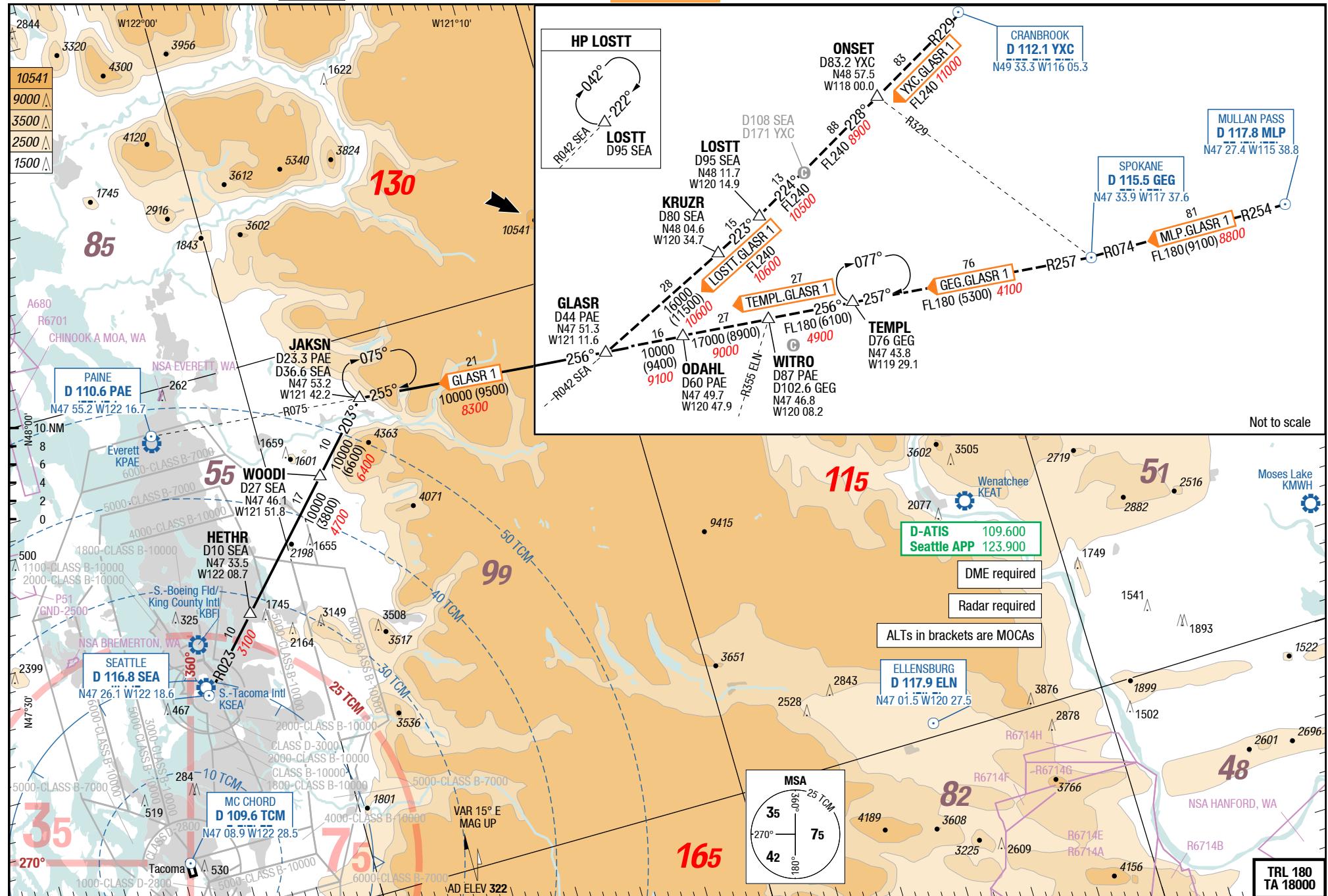
6-40

GLASR 1

STAR

STAR

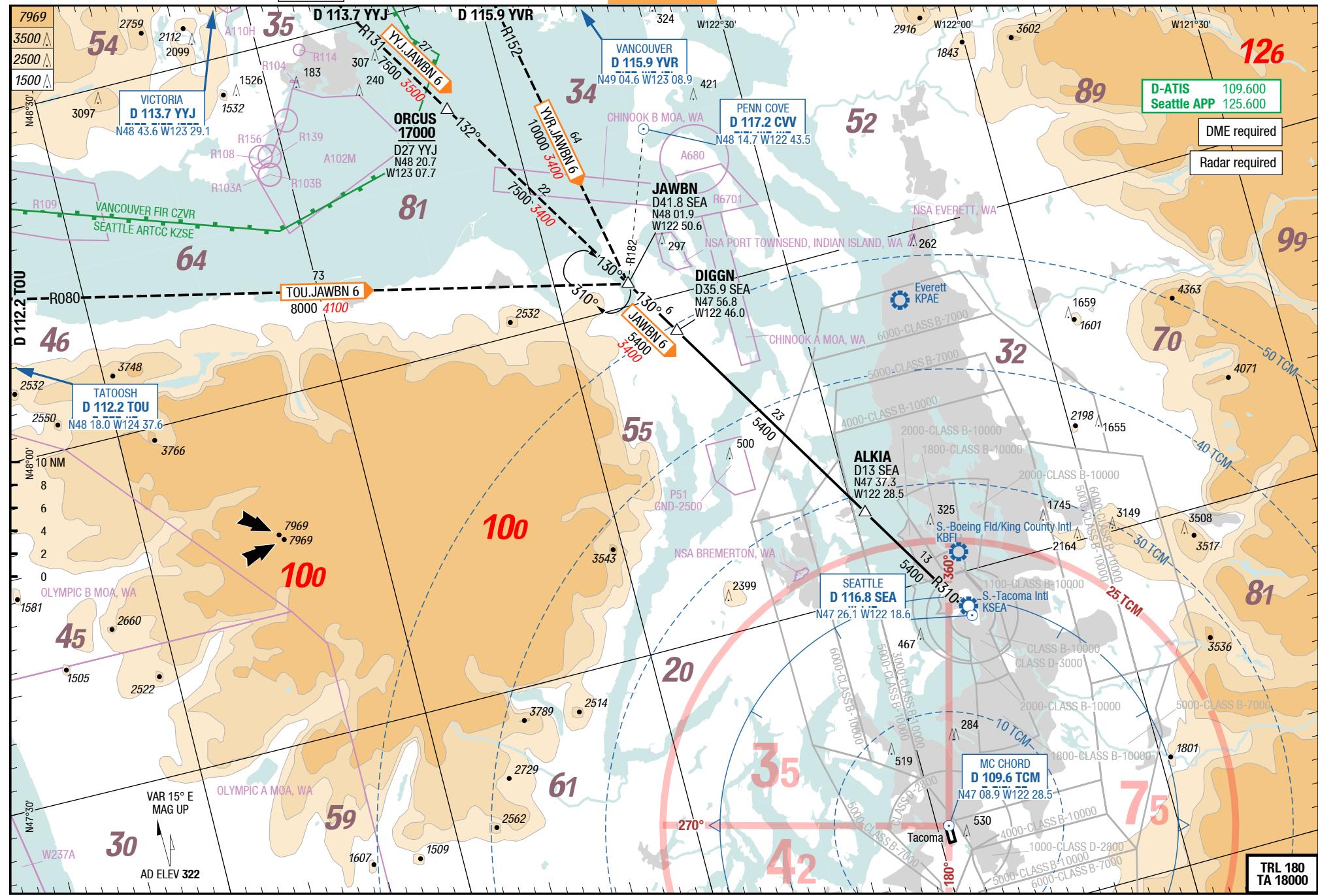
McChord Fld /Joint Base Lewis-McChord/ **Tacoma** United States



01-FEB-2018

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

TCM-KTCM

WHYTE 5  
JAWBN 6STAR  
STARMcChord Fld /Joint Base Lewis-McChord/ **Tacoma United States**  
WHYTE 5  
JAWBN 6

Changes: new

01-FEB-2018

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

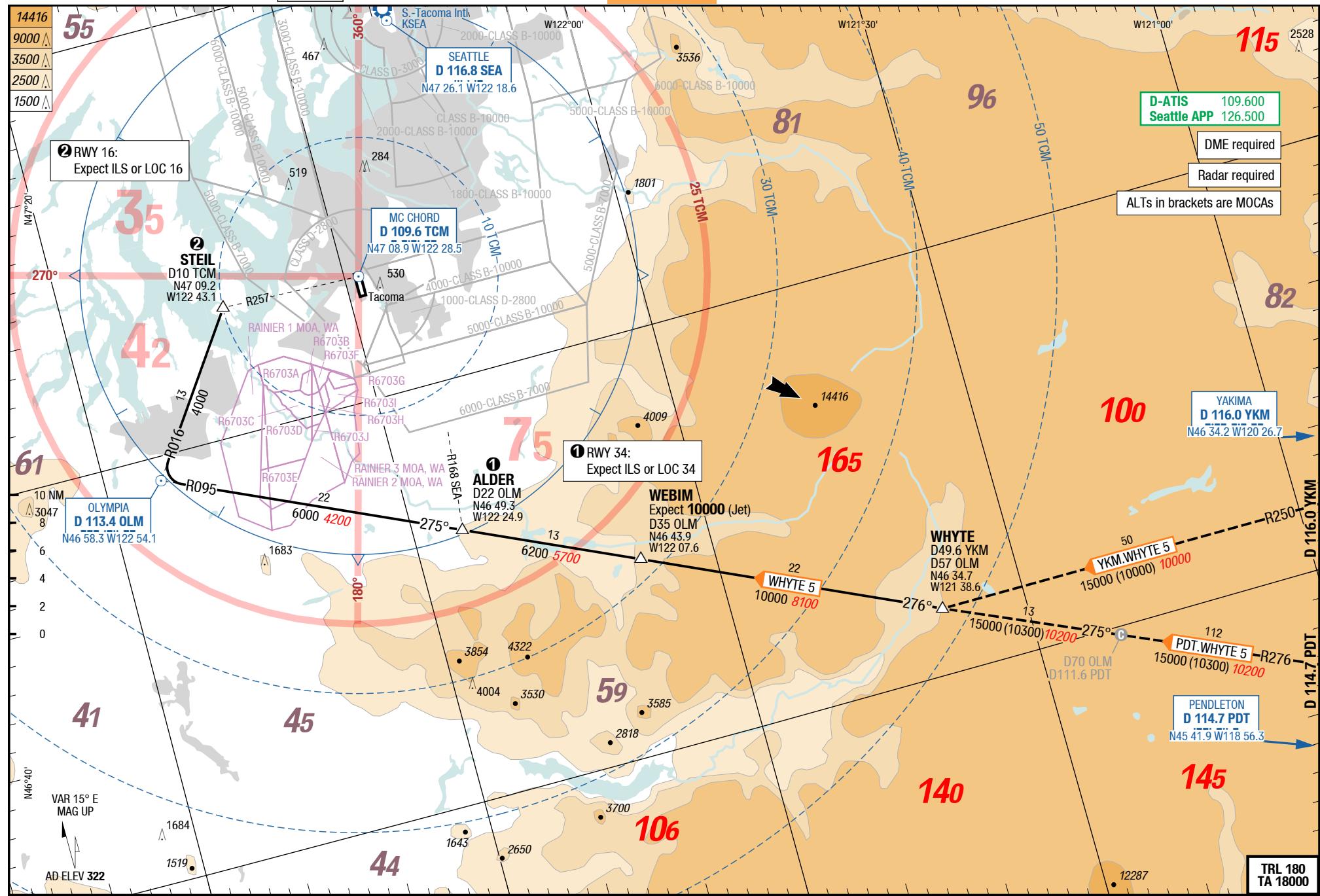
TCM-KTCM

6-60

WHYTE 5

STAR

STAR

McChord Fld /Joint Base Lewis-McChord/ **Tacoma** United States

01-FEB-2018

**TCM-KTCM****7-10****ILS or LOC 16****IAC IAC**

McChord Fld / Joint Base Lewis-McChord, Tacoma, United States

**ILS or LOC 34****ILS or LOC 16**

W122°40' N47°20'  
10 NM  
20 TCM

W122°30' N47°20'  
10 NM  
20 TCM

W122°30' N47°20'  
10 NM  
20 TCM

W122°30' N47°20'  
10 NM  
20 TCM

**D-ATIS**  
100600  
TWR  
GND  
124.800  
118.175

**ILS or LOC 16**  
109.9 ILMAR

**ILS or LOC 16**  
109.9 ILMAR

**Caution**  
DME or radar required  
for PROC entry

**ILS or LOC 16**  
109.9 ILMAR

**ILS or LOC 16**  
109.9 ILMAR

**35****75****75**

**STEEL**  
**4000**  
D10 TCM  
IAF  
R257  
D10 TCM Arc  
3000  
519  
919  
284  
1500  
165°  
D7 TCM  
BEPAM

**CHENY**  
D3.3 TCM  
Radar fix  
7500  
1500  
165°  
D7 TCM  
FABOD  
D0.7 TCM  
MC CHORD  
D 109.6 TCM

**CHENY**  
D3.3 TCM  
Radar fix  
7500  
1500  
165°  
D7 TCM  
FABOD  
D0.7 TCM  
MC CHORD  
D 109.6 TCM

4000-8000  
310KT  
-0.77°  
-251°  
VAR 15° E  
MAG UP  
RAINIER 1 MOA, WA  
RAINIER 2 MOA, WA  
RAINIER 3 MOA, WA  
R6703D  
R6703C  
R6703A  
R6703B  
R6703F  
R6703G  
R6703H  
R6703I

TA

18000

TRL 180

TA

109.6

TCM

D3.5

TCM

MIPPLE

D0.7

TCM

FABOD

D5.4

TCM

BEPAM

D7

TCM

CHENY

D0.7

TCM

FABOD

D7

TCM

IAP

19

TCM

STEEL

D10

TCM

IAP

3000

TCM

D10

TCM

IAP

2000

TCM

D7

TCM

IAP

1880

TCM

D7

TCM

IAP

1560

TCM

D7

TCM

IAP

1230

TCM

D7

TCM

IAP

910

TCM

D7

TCM

IAP

1500

TCM

01-FEB-2018

United States Tacoma McChord Fld /Joint Base Lewis-McChord/

McChord Fld /Joint Base Lewis-McChord/ Tacoma United States

TCM-KTCM

7-20

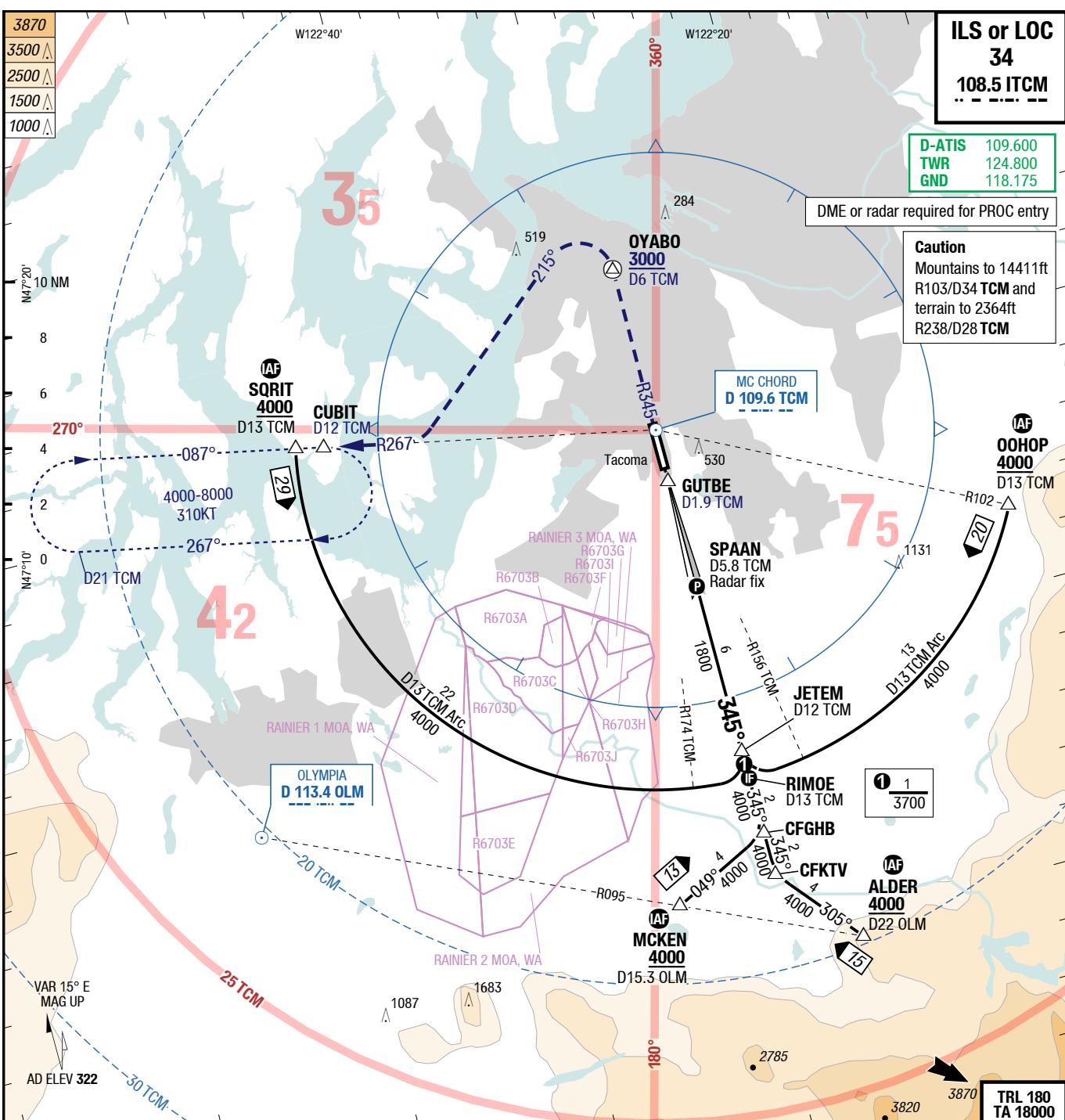
ILS or LOC 34

IAC  
IAC

ILS or LOC 34

ILS or LOC  
34  
108.5 ITCMD-ATIS 109.600  
TWR 124.800  
GND 118.175

DME or radar required for PROC entry

Caution  
Mountains to 14411ft  
R103/D34 TCM and  
terrain to 2364ft  
R238/D28 TCM

60 HL	3.0°	3.0°	34	3	5	7	9	11	12.6	LOC 3.06° D TCM
15 HL	46 G 3081			890	1530	2180	2830	3480	4000	
-0.4% TDZ 321 (---%) / THR 322 (12hPa) HL-P2F										
TCM	D1.9	GUTBE	D5.8	SPAAN	D12	JETEM	D12.6	D13 TCM	RIMOE	
		M		1800						
R345 TCM at OYABO (MMN 3000) LT 215° RT intercept R267 TCM to CUBIT climb 4000										
GS 120 140 160	D5.8 TCM 650 760 870		D12 1800	D12.6 1800	D13 TCM 3700					
-MAPt 1:58 1:41 1:28										
<b>34</b>	<b>Cat 2</b>	<b>Cat 1</b>	<b>LOC</b>							<b>Circling<sup>1)</sup> TERPS</b>
C ft - ft/SM ft	100 - 1200R <b>139 RA</b>	200 - 1800R/0.5V <b>530</b>	500 - 5000R/1.0V <b>820</b>							620 - 1.75V <b>940</b>
D ft - ft/SM ft	100 - 1200R <b>139 RA</b>	200 - 1800R/0.5V <b>530</b>	500 - 5000R/1.0V <b>820</b>							700 - 2.25V <b>1030</b>
1) W of AD only										

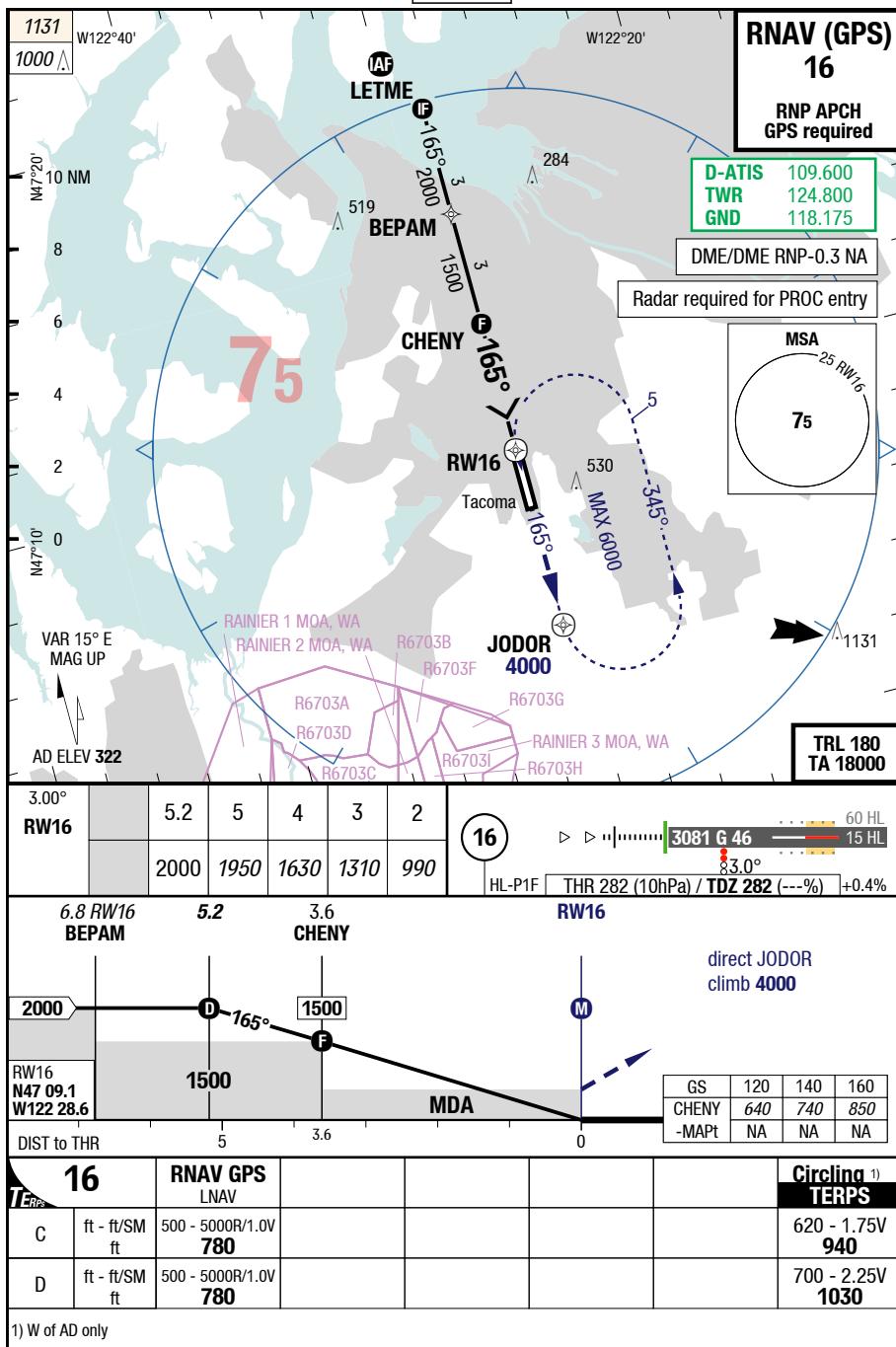
Changes: new

01-FEB-2018

## TCM-KTCM

7-30

## RNAV (GPS) 16



01-FEB-2018

IAC

## TCM-KTCM

7-40

## RNAV (GPS) 34

