

**GENERAL****Operational Hours**

**ATS Hours:** TWR 1400-0730 $\pm$ , use CTAF outside TWR OPS hours

**AD OPS Hours:** Attended continuously

**Airport Information**

**RFF:** FAA Index B / CAT 6, service not AVBL 0800-1300 $\pm$

**Fuel:** Jet A

**PCN:** RWY 16L/34R: 60/F/C/X/T

RWY 16R/34L: 90/F/C/X/T

**Operation****Traffic Notes**

RWY and APCH lights are turned off when TWR CLSD, thereafter activation by CTAF.

PPR for unscheduled air carrier operations with more than 30 PAX seats or more.

**Low Visibility Procedure**

Surface Movement Guidance and Control System (SMGCS): This system consists of the provisions for guidance, control or regulation, to safe OPS of ACFT, GND vehicle and personnel on the AD during LVP.

**RWY Restriction**

No access to RWY 34L beyond TWY A7.

**TWY Restriction**

TWYs H and K not AVBL to ACFT 9.5t / 21000lbs single weight and 18.1t / 40000lbs dual gross weight.

**Parking**

Terminal APN CLSD to ACFT EXC SKED air carriers and FLTs with PPR.

**Warnings**

Birds in vicinity of AD.

**ARRIVAL****Speed**

MAX IAS 250KT below 10000ft.

**Communication**

**COM Failure:** See CRAR.

## DEPARTURE

## Take-off Minima

RWY		16R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	SID EUGENE:
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 5.6% up to 4200
RWY		34L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	SID EUGENE:
3+4 ENG		0 - 2400R/0.5V	MNM climb gradient 6.3% up to 4400
RWY		16L	
1+2 ENG	ft - ft/SM	0 - 1.0V	SID EUGENE:
3+4 ENG		0 - 0.5V	MNM climb gradient 5.6% up to 4200
RWY		34R	
1+2 ENG	ft - ft/SM	0 - 1.0V	SID EUGENE:
3+4 ENG		0 - 0.5V	MNM climb gradient 6.3% up to 4400

## Speed

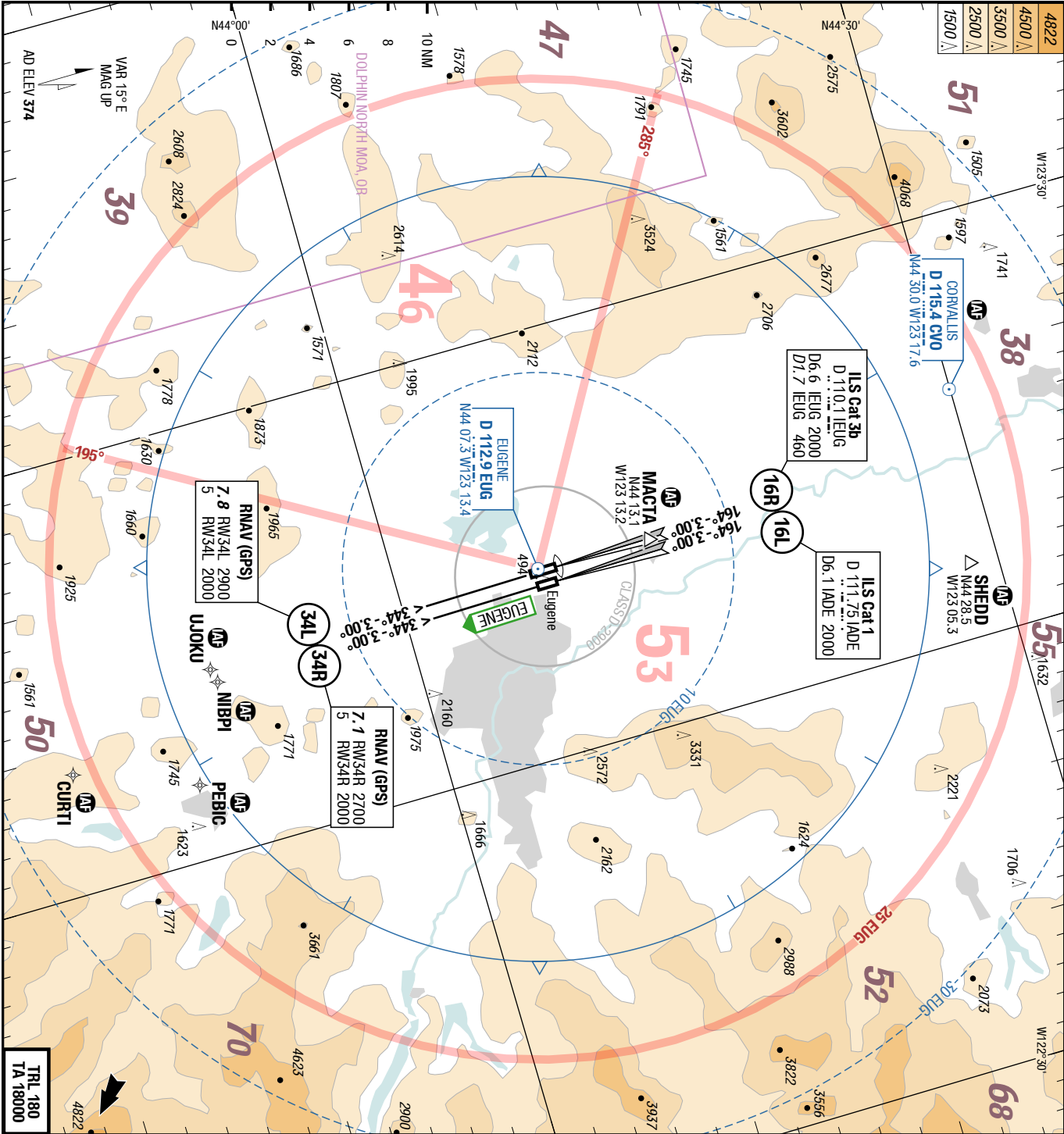
MAX IAS 250KT below 10000ft.

## Communication

**COM Failure:** See CRAR and in addition;

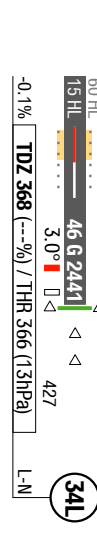
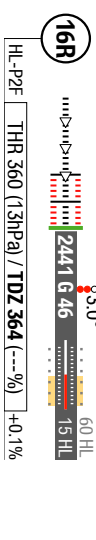
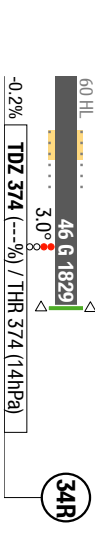
**EUGENE 9**

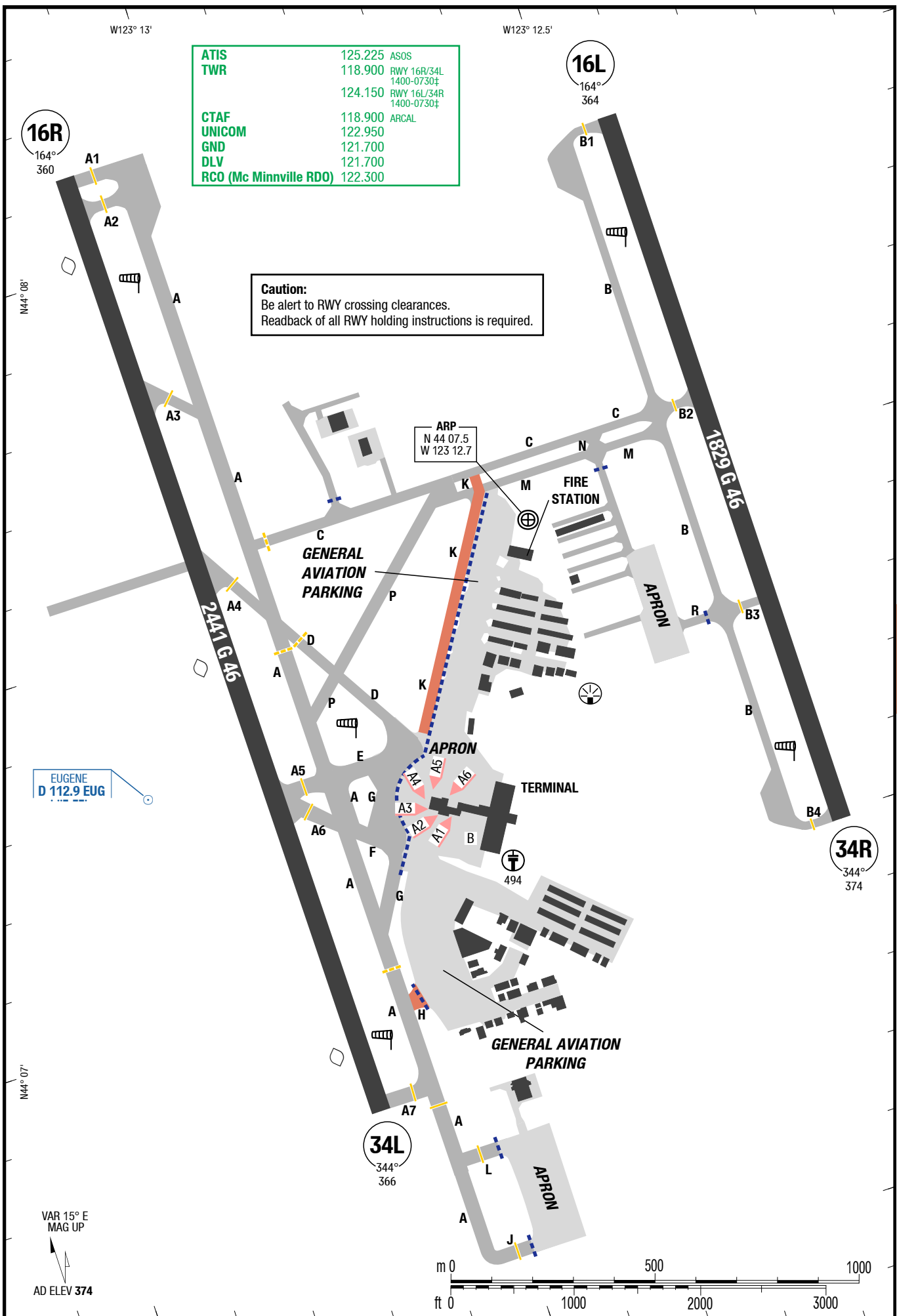
If not in contact with ATC after reaching 3000ft continue climbing to assigned ALT direct EUG VOR/DME climb in EUG VOR/DME HLDG pattern (hold N, RT, 180° inbound) to cross VOR/DME at or above MEA before proceeding ENRT.



ATIS	125.225	ASOS
Seattle Center	125.800	0730-1400t
Cascade APP	119.600	340°-159°
Cascade DEP	120.250	1400-0730t
TWR	118.900	1400-0730t
CTAF	124.150	1400-0730t
UNICOM	122.950	1400-0730t
GND	121.700	1400-0730t
RCO (Mc Minnville RDO)	122.300	1400-0730t
DLV	121.700	1400-0730t

Landing RWY system:





Effective 13-SEP-2018

06-SEP-2018

EUG-KEUG

United States Eugene Mahlon Sweet Fld

NIL

3-30

RVR 1200ft to 600ft RWY 16R

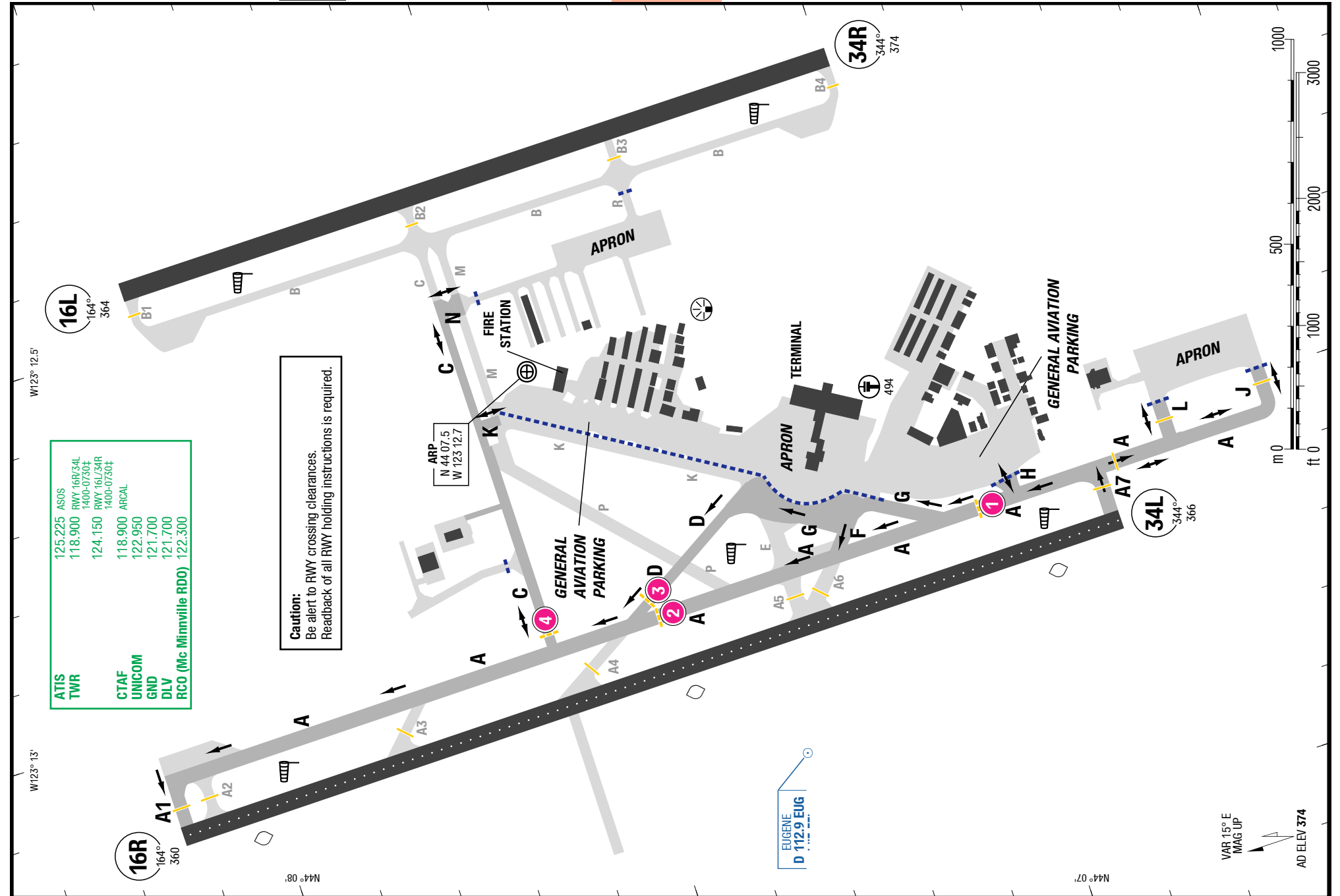
LVC

LVC

Mahlon Sweet Fld Eugene United States

NIL

RVR 1200ft to 600ft RWY 16R



Changes: QFU, VAR

## EUG-KEUG



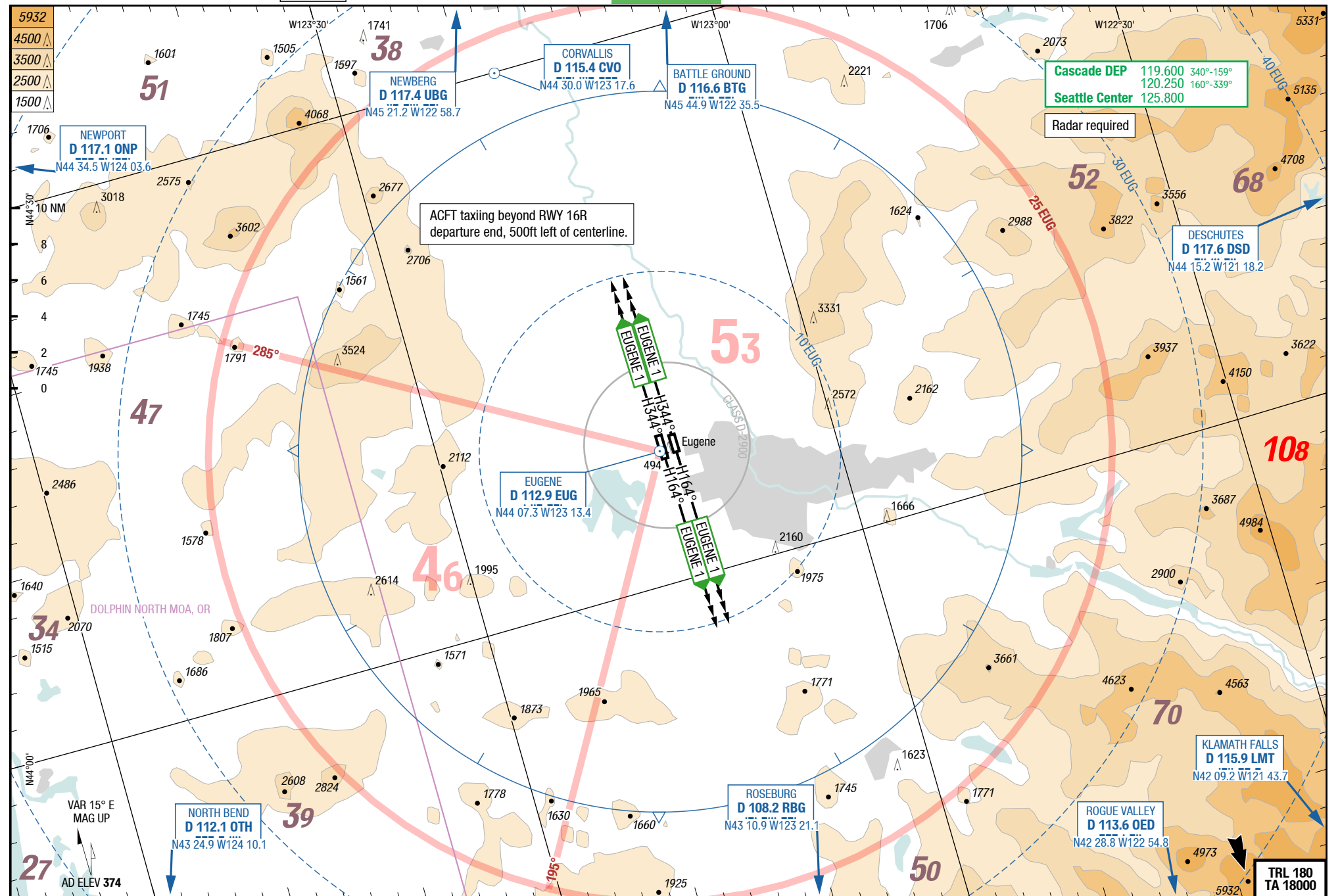
## EUGENE 1

SID

SID

NIL

## EUGENE 1



Changes: Track, MSA, VAR, PROC renumbered, SUAs

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06-SEP-2018

EUG-KEUG

5-10

EUGENE 1

SIDPT

**EUGENE 1**

RWYs 16L/R (164°) / 34L/R (344°)

DESIGNATOR	ROUTING	ALTITUDES
<b>EUGENE 1</b> <b>119.600</b> (340°-159°) <b>120.250</b> (160°-339°) ①		
		<b>initial climb 9000</b>
<b>RWY 16L</b>	HDG 164° for vectors to assigned route/fix	
<b>RWY 16R</b>	HDG 164° for vectors to assigned route/fix	
<b>RWY 34L</b>	HDG 344° for vectors to assigned route/fix	
<b>RWY 34R</b>	HDG 344° for vectors to assigned route/fix	

① Expect filed ALT 5 minutes after departure.

Changes: Track, QFU, PROC renumbered

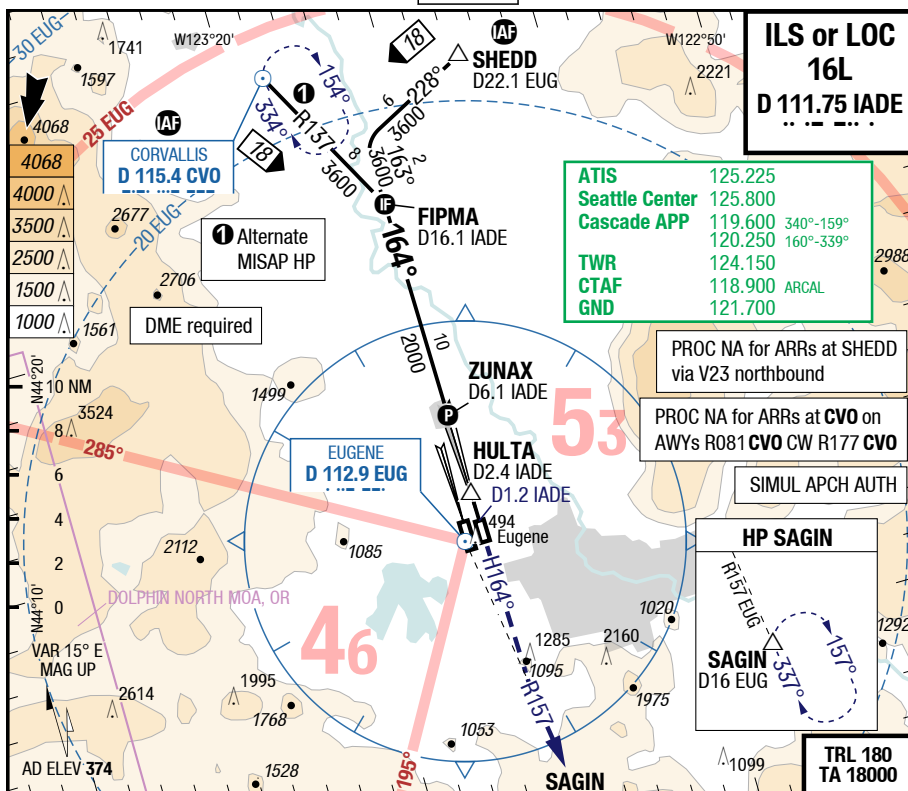
<b>Obstacle Departure</b>	
<b>RWY</b>	<b>Routing</b>
<b>16L/R</b>	HDG 164° to <b>1200</b> - climbing <b>RT</b> direct <b>EUG</b> , then climb in <b>EUG</b> holding (hold north; <b>RT</b> ; 180° inbound) to cross <b>EUG</b> MNM MEA BPOC.
<b>34L/R</b>	HDG 344° to <b>1200</b> - climbing <b>LT</b> direct <b>EUG</b> , then climb in <b>EUG</b> holding (hold north; <b>RT</b> ; 180° inbound) to cross <b>EUG</b> MNM MEA BPOC.
<b>RWY</b>	<b>Notes</b>
<b>16L</b>	Power poles beginning 1036ft from DER, 74ft right of centerline, up to 35ft AGL/408ft MSL. Power poles beginning 1017ft from DER, 211ft left of centerline, up to 31ft AGL/404ft MSL.
<b>16R</b>	Tree 1991ft from DER, 83ft left of centerline, 54ft AGL/419ft MSL. Trees beginning 1504ft from DER, 489ft right of centerline, up to 43ft AGL/408ft MSL.
<b>34L</b>	Tree 1597ft from DER, 842ft left of centerline, 50ft AGL/404ft MSL.
<b>34R</b>	Tree 2897ft from DER, 606ft right of centerline, 77ft AGL/440ft MSL. Tree 2535ft from DER, 643ft left of centerline, 65ft AGL/428ft MSL.



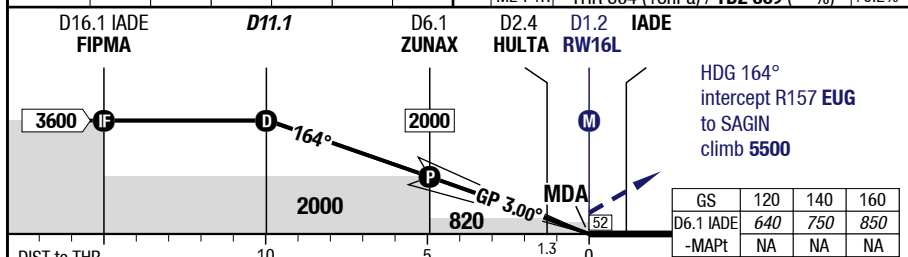
## EUG-KEUG

7-10

## ILS or LOC 16L



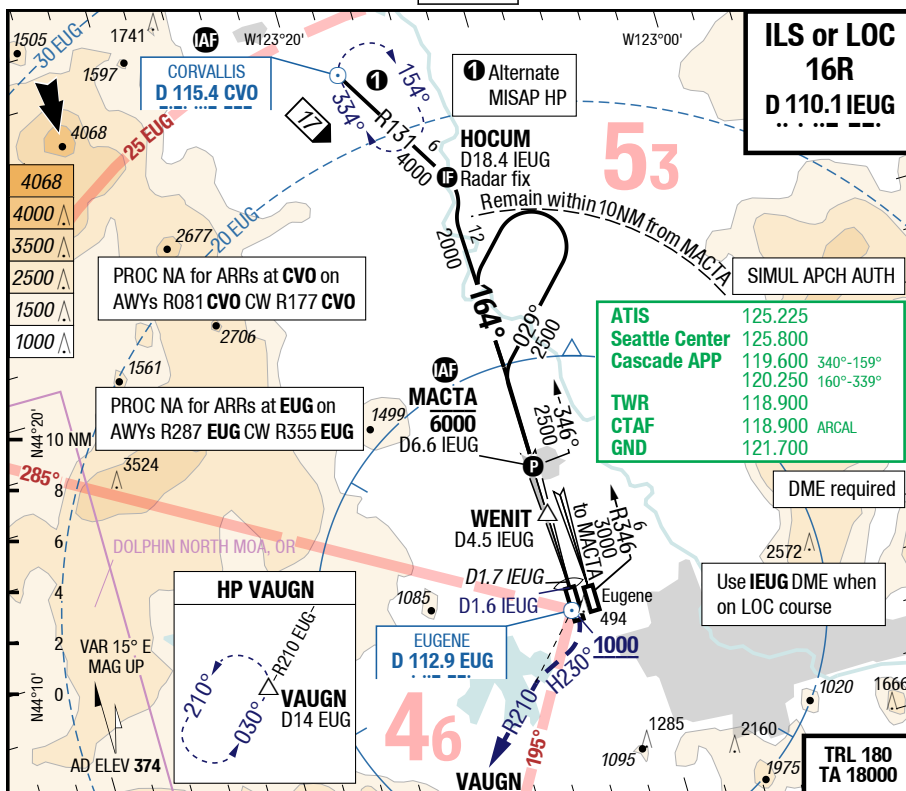
LOC 3.01° D IADE	11.1	9	7	5	4	3	<div> <div> <div>16L</div> <div> <div> <div>3.0°</div> <div>60 HL</div> </div> <div> <div>1829 G 46</div> <div>ML-P1R THR 364 (13hPa) / TDZ 369 (---%) +0.2%</div> </div> </div> </div> </div>
	3600	2930	2290	1650	1330	1010	



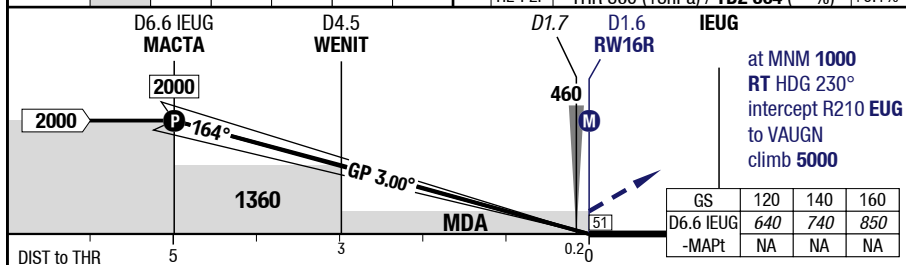
<b>16L</b>		<b>Cat 1 DME</b>	<b>LOC DME</b>				<b>Circling TERPS</b>
C	ft - ft/SM ft	200 - 0.5V <b>570</b>	340 - 0.5V <b>700</b>				630 - 1.75V <b>1000</b>
D	ft - ft/SM ft	200 - 0.5V <b>570</b>	340 - 0.5V <b>700</b>				770 - 2.5V <b>1140</b>

## EUG-KEUG

7-20

**ILS or LOC 16R**

LOC 3.00°	6.6	6	5	4	3	
D IEUG	2000	1830	1510	1190	870	



16R		Cat 3b DME 1)	Cat 2 DME 1) 2)	Cat 1 DME	LOC DME	Circling TERPS
C	ft - ft/SM ft	0 - 600R Company	100 - 1000R 108 RA	200 - 1800R/0.5V 570	340 - 2600R/0.5V 700	630 - 1.75V 1000
D	ft - ft/SM ft	0 - 600R Company	100 - 1000R 108 RA	200 - 1800R/0.5V 570	340 - 2600R/0.5V 700	770 - 2.5V 1140

1) NA when TWR closed

2) Special OpSpec approval and AL or HUD to TDZ required, else RVR 1200ft

EUG-KEUG

7-30

RNAV (RNP) Z 16L

RNAV (RNP) Z 16R

IAC

IAC

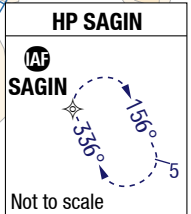
RNAV (RNP) Z 16L

RNAV (RNP) Z 16R

**RNAV (RNP)  
Z 16L**  
RNP AR APCH  
GPS, RF required  
except from  
SHEDD and CVO

ATIS 125.225  
Seattle Center 125.800  
Cascade APP 119.600 340°-159°  
120.250 160°-339°  
TWR 124.150  
CTAF 118.900 ARCAL  
GND 121.700

PROC NA for ARRs at VIDAS  
via V121 eastbound



TRL 180  
TA 18000

PROC NA for ARRs at SHEDD via V23 northbound

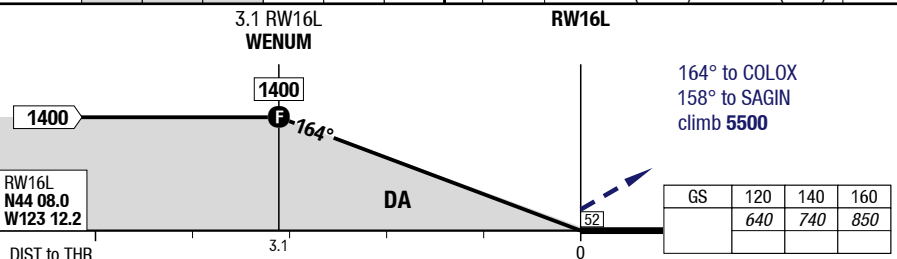
SIMUL APCH AUTH

PROC NA for ARRs at CVO on  
AWYs R081 CVO CW R217 CVO

PROC NA for ARRs at VAUGN  
via V121 southwest bound  
and V495 southbound

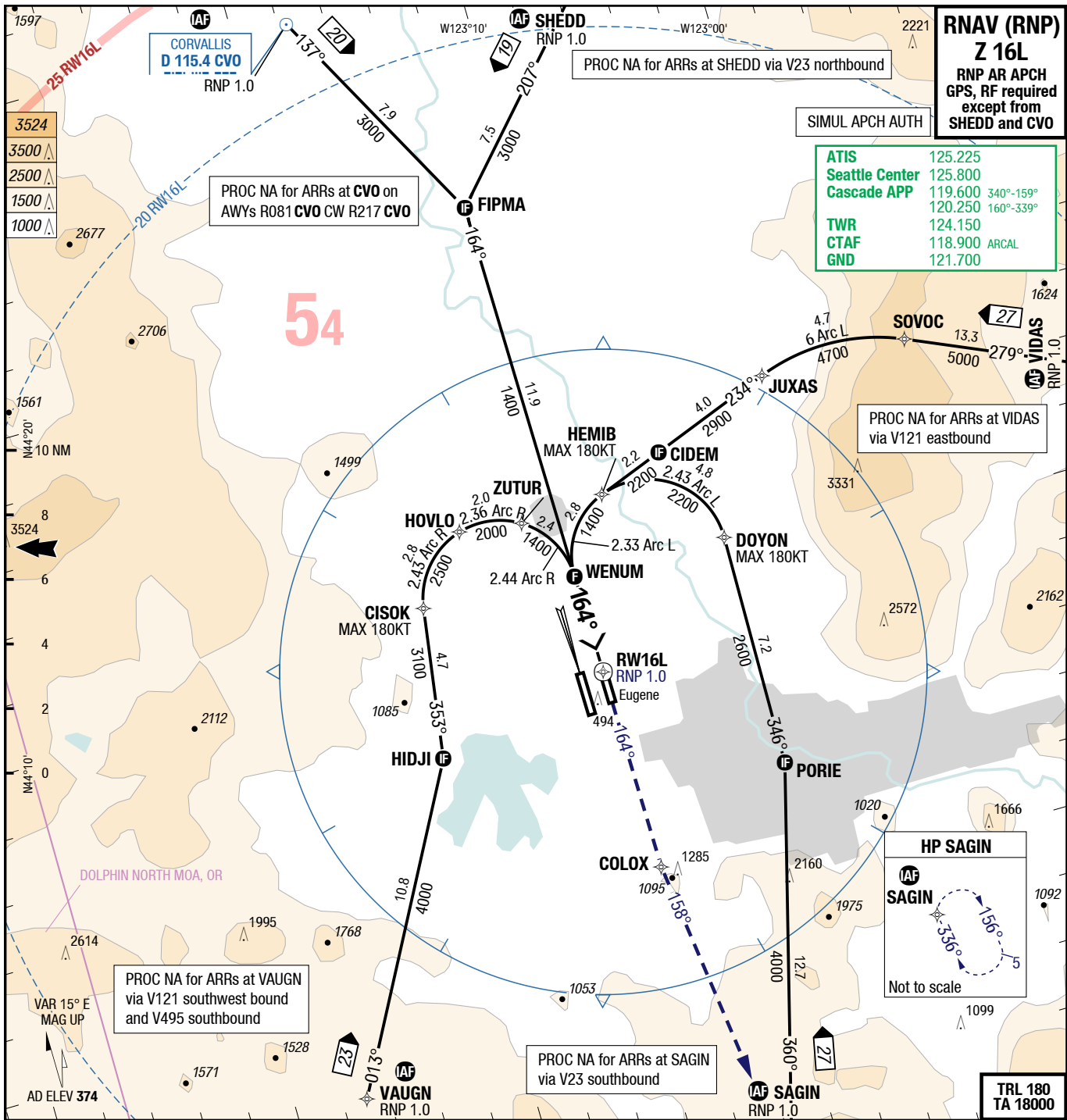
PROC NA for ARRs at SAGIN  
via V23 southbound

3.00°				3.1	3	2	16L	ML-P1R THR 364 (13hPa) / TDZ 369 (---%) +0.2%
RW16L				1400	1380	1060		



	16L	RNAV RNP 0.10 VNAV 1)	RNAV RNP 0.30 VNAV 1)				Circling TERPS
C	ft - ft/SM ft	330 - 0.5V 700	380 - 0.63V 750				Not published
D	ft - ft/SM ft	330 - 0.5V 700	380 - 0.63V 750				Not published

1) Uncompensated BARO VNAV NA below -9°C (16°F) or above 54°C (130°F)





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RNAV (RNP) Z 34L

7-50

RNAV (RNP) Z 34L

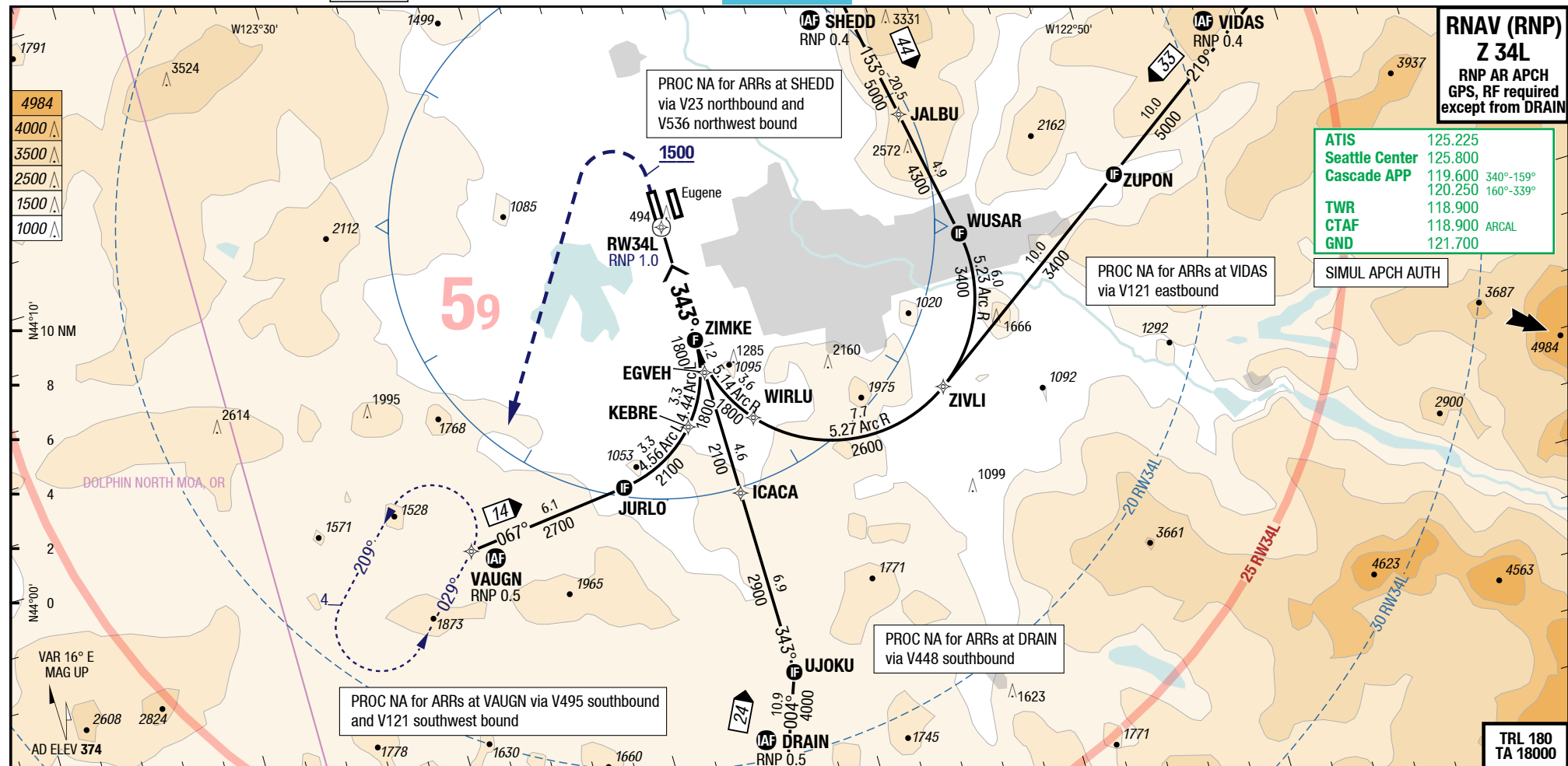
IAC

IAC

Mahlon Sweet Fld Eugene United States

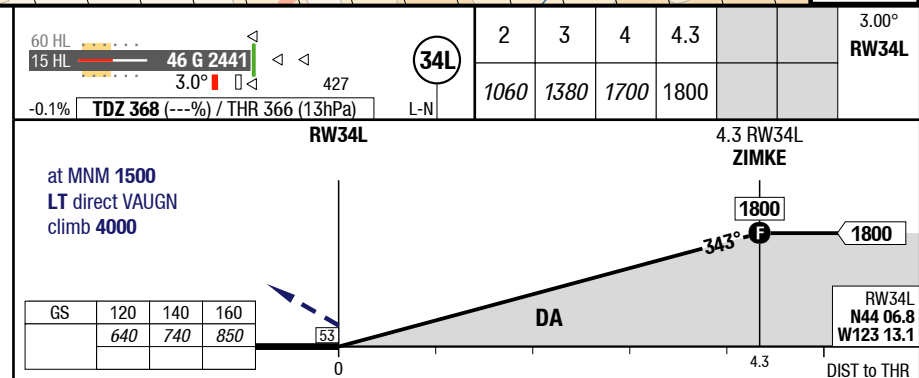
RNAV (RNP) Z 34R

RNAV (RNP) Z 34L



34L		RNAV					Circling
		RNP 0.30 VNAV 1)					TERPS
C	ft - ft/SM	400 - 5500R/1.0V					Not published
	ft	760					
D	ft - ft/SM	400 - 5500R/1.0V					Not published
	ft	760					

1) Uncompensated BARO VNAV NA below -9°C (16°F) or above 54°C (130°F)





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IAC

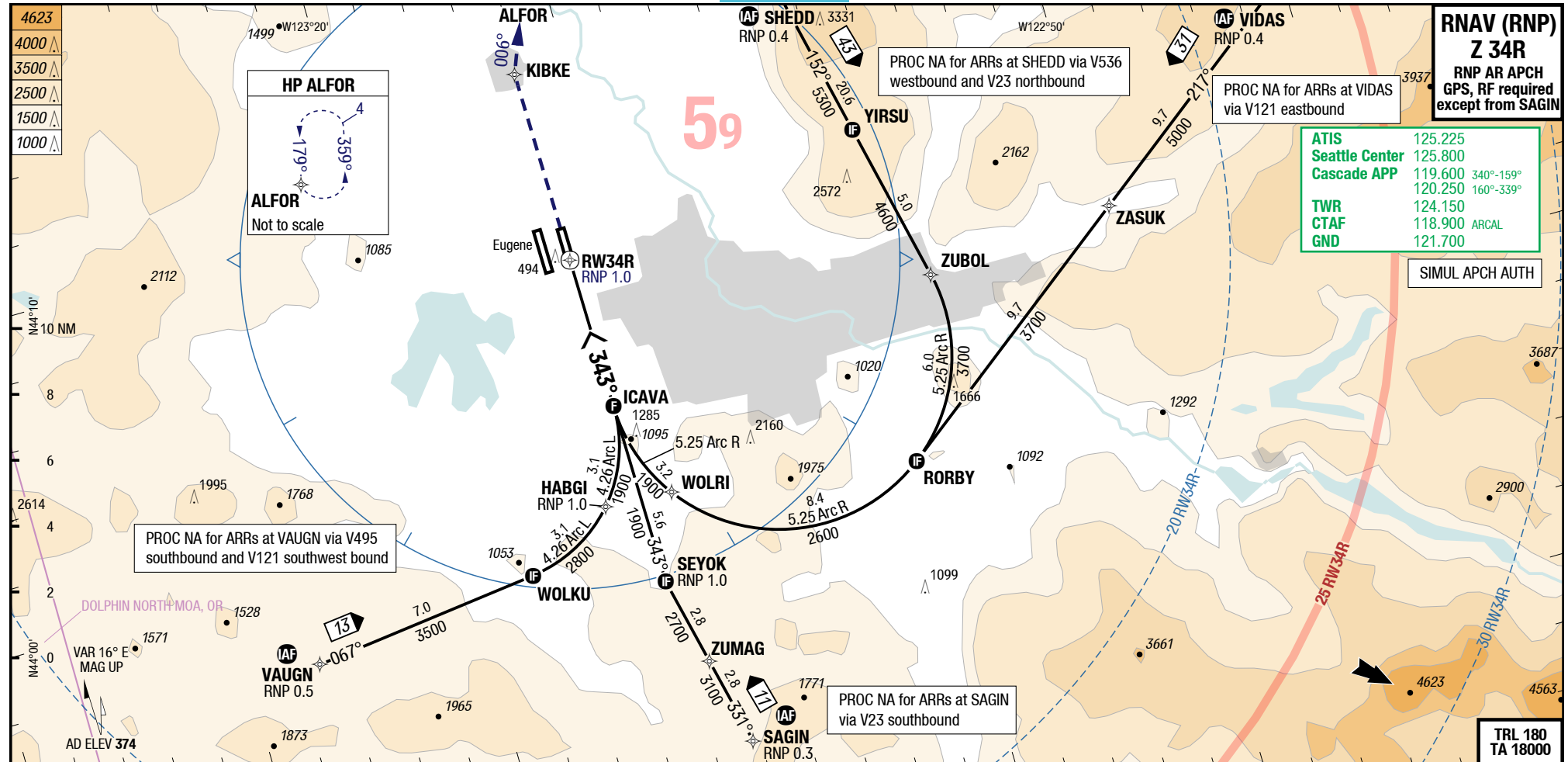
IAC

Mahlon Sweet Fld Eugene United States

7-60

RNAV (RNP) Z 34R

RNAV (RNP) Z 34R



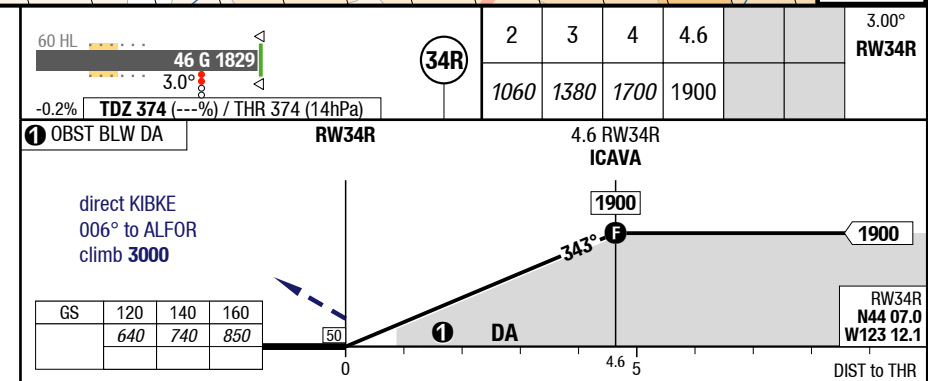
ATIS	125.225
Seattle Center	125.800
Cascade APP	119.600 340°-159°
	120.250 160°-339°
TWR	124.150
CTAF	118.900 ARCAL
GND	121.700

SIMUL APCH AUTH

TRL 180  
TA 18000

34R		RNAV		Circling	
		RNP 0.30 VNAV 1)		TERPS	
C	ft - ft/SM	380 - 1.0V			Not published
	ft	750			
D	ft - ft/SM	380 - 1.0V			Not published
	ft	750			

1) Uncompensated BARO VNAV NA below -9°C (16°F) or above 54°C (130°F)



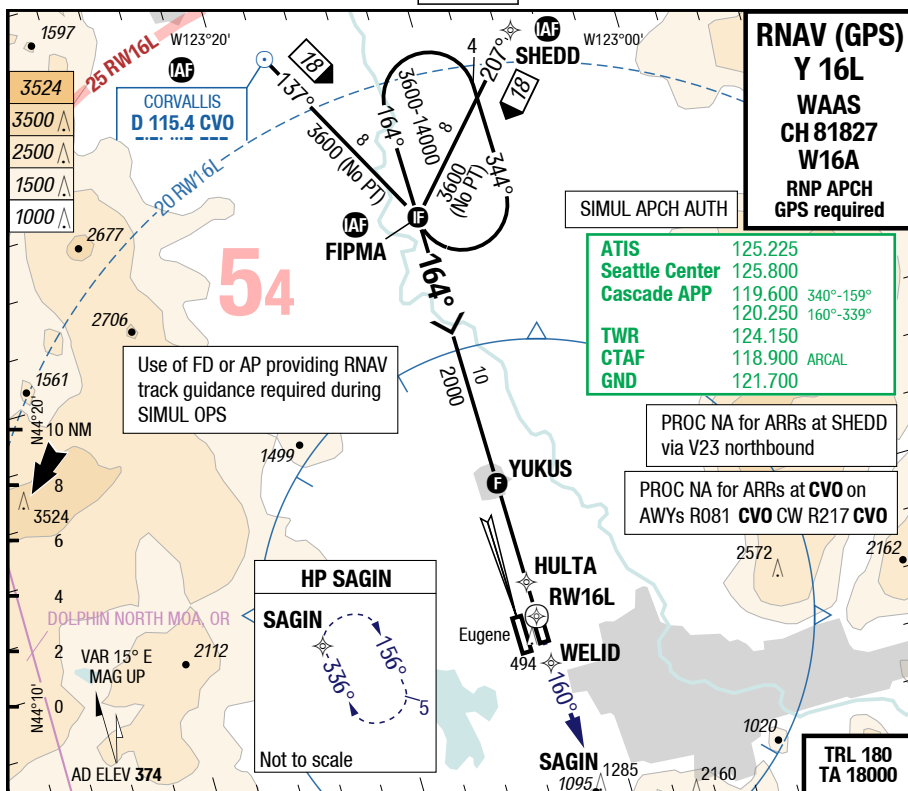
Changes: Reprint

AMDT 1

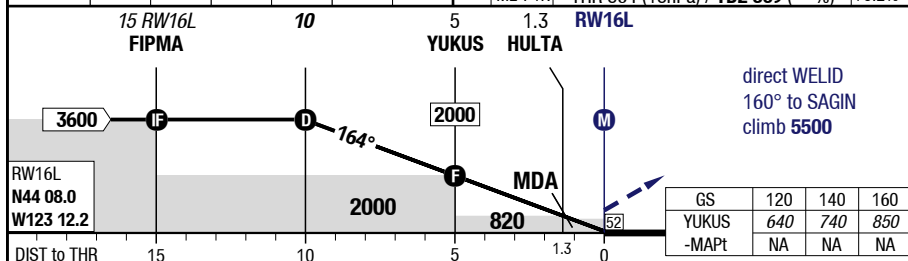
## EUG-KEUG

7-70

## RNAV (GPS) Y 16L



3.00° <b>RW16L</b>	10	8	6	4	3	2	<div> <div> <div>16L</div> <div> <div>3.0°</div> <div>60 HL</div> </div> </div> <div> <div>1829 G 46</div> <div>ML-P1R THR 364 (13hPa) / <b>TDZ 369</b> (---%) +0.2%</div> </div> </div>
	3600	2970	2330	1690	1380	1060	



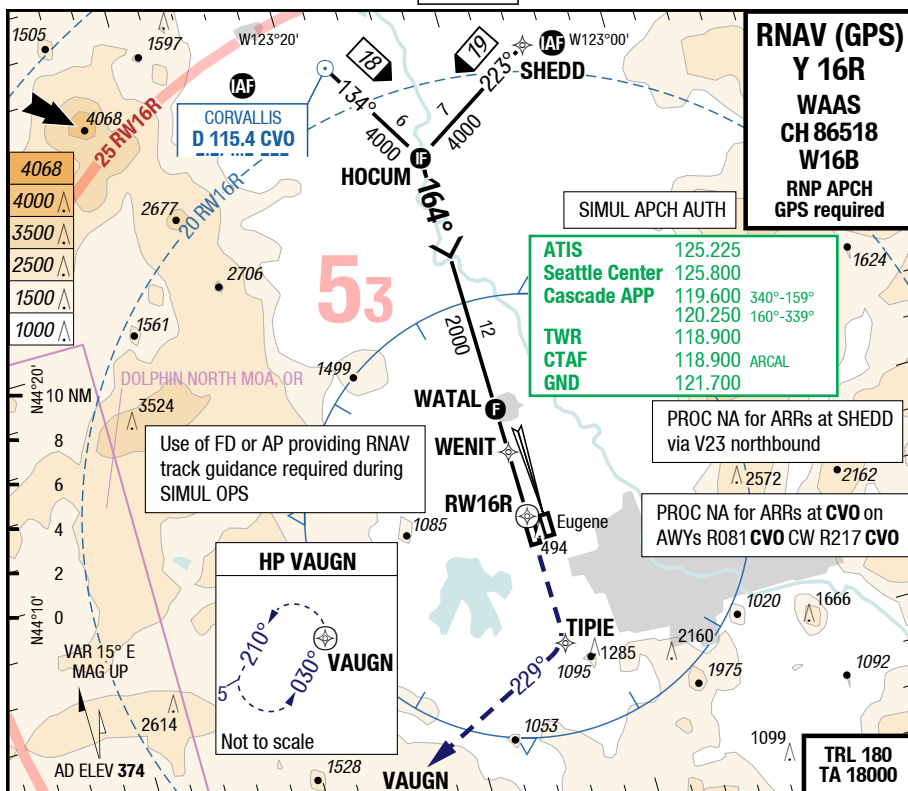
<b>16L</b>		<b>RNAV GPS</b> LPV	<b>RNAV GPS</b> VNAV 1)	<b>RNAV GPS</b> LNAV 2)		<b>Circling</b> <b>TERPS</b>
C	ft - ft/SM ft	200 - 0.5V <b>570</b>	270 - 0.5V <b>640</b>	360 - 0.63V <b>720</b>		630 - 1.75V <b>1000</b>
D	ft - ft/SM ft	200 - 0.5V <b>570</b>	270 - 0.5V <b>640</b>	360 - 0.63V <b>720</b>		770 - 2.5V <b>1140</b>

1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 54°C (130°F)  
2) NA during SIMUL OPS

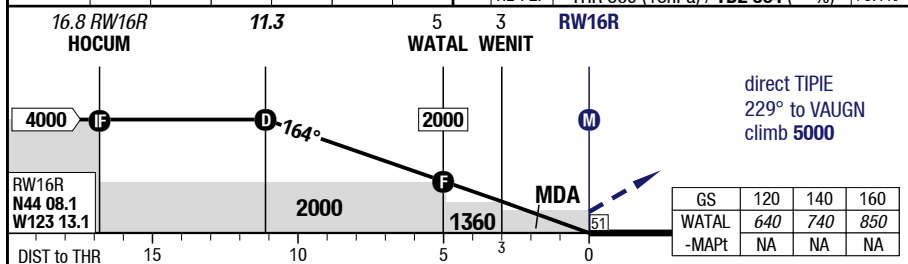
## EUG-KEUG

7-80

## RNAV (GPS) Y 16R



3.00° <b>RW16R</b>	11.3	9	7	6	4	2	
	4000	3280	2640	2330	1690	1050	



<b>16R</b>		<b>RNAV GPS</b> LPV	<b>RNAV GPS</b> VNAV 1)	<b>RNAV GPS</b> LNAV 2)		<b>Circling</b> <b>TERPS</b>
<b>C</b>	ft - ft/SM ft	200 - 1800R/0.5V <b>570</b>	270 - 2400R/0.5V <b>630</b>	360 - 3000R/0.63V <b>720</b>		630 - 1.75V <b>1000</b>
<b>D</b>	ft - ft/SM ft	200 - 1800R/0.5V <b>570</b>	270 - 2400R/0.5V <b>630</b>	360 - 3000R/0.63V <b>720</b>		770 - 2.5V <b>1140</b>

1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 54°C (130°F)

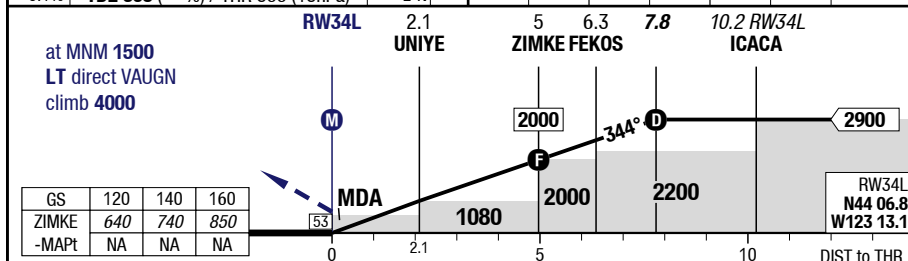
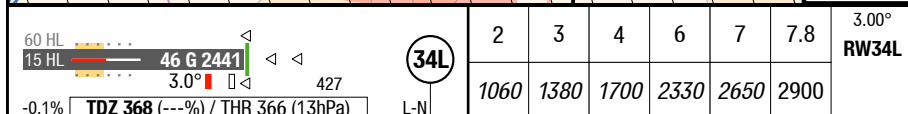
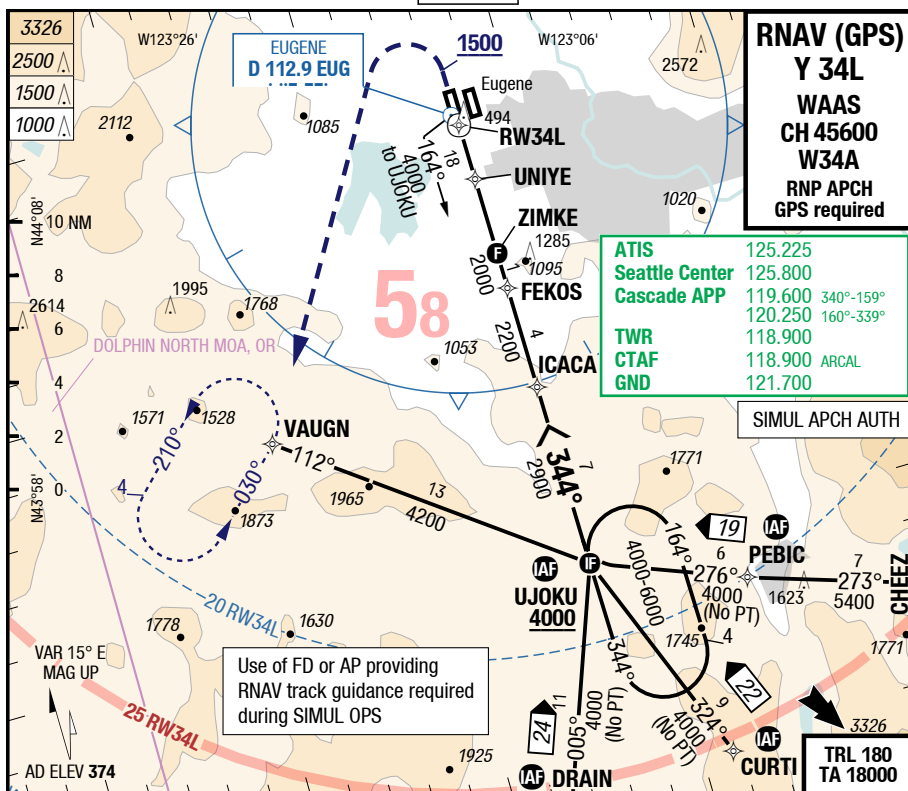
2) NA during SIMUL OPS



## EUG-KEUG

7-90

## RNAV (GPS) Y 34L



34L		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)		Circling TERPS
C	ft - ft/SM ft	200 - 4000R/0.75V <b>570</b>	290 - 4000R/0.75V <b>660</b>	400 - 5500R/1.0V <b>760</b>		630 - 1.75V <b>1000</b>
D	ft - ft/SM ft	200 - 4000R/0.75V <b>570</b>	290 - 4000R/0.75V <b>660</b>	400 - 5500R/1.0V <b>760</b>		770 - 2.5V <b>1140</b>

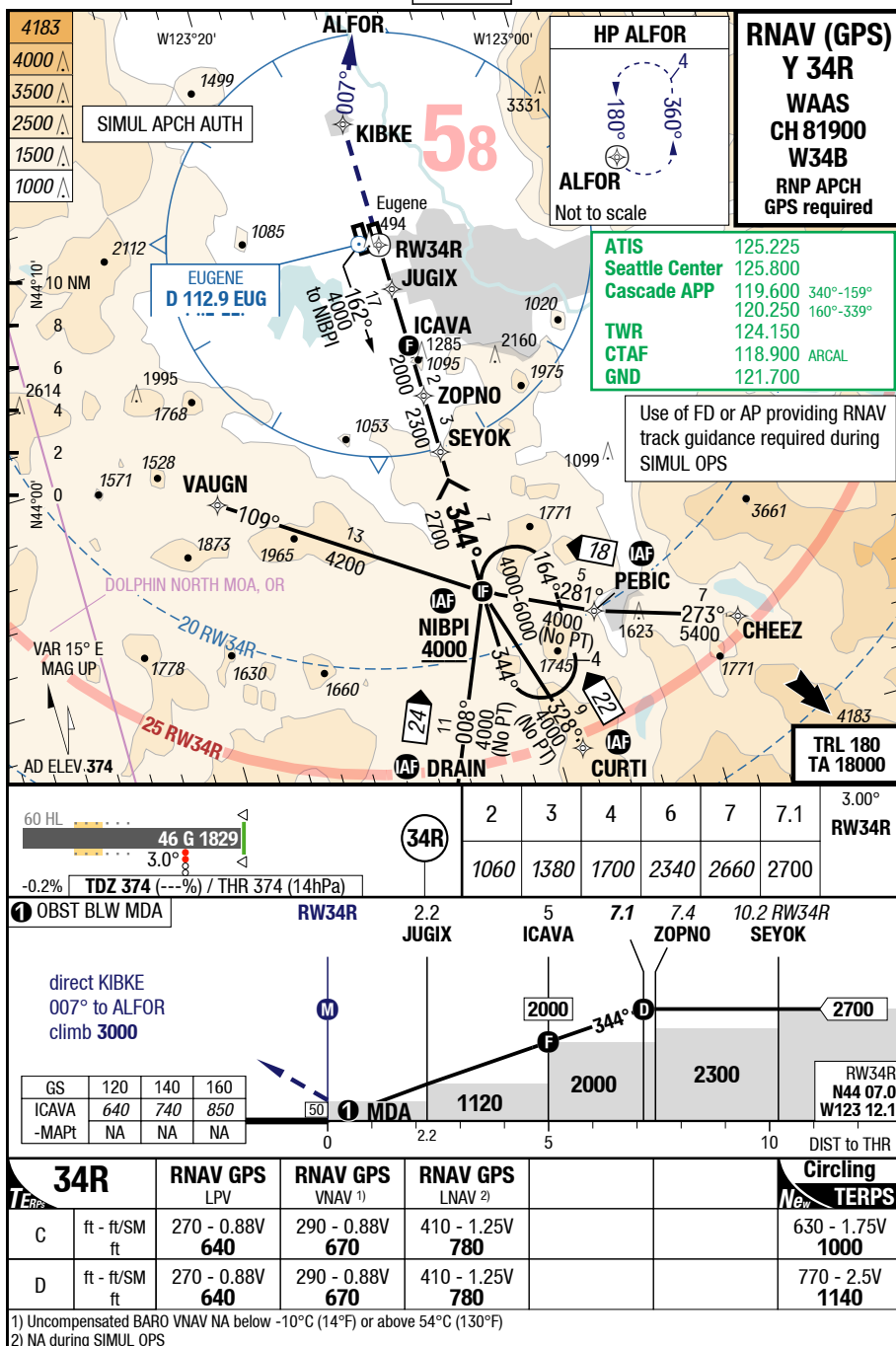
1) Uncompensated BARO VNAV NA below -10°C (14°F) or above 54°C (130°F)

2) NA during SIMUL OPS

## EUG-KEUG

7-100

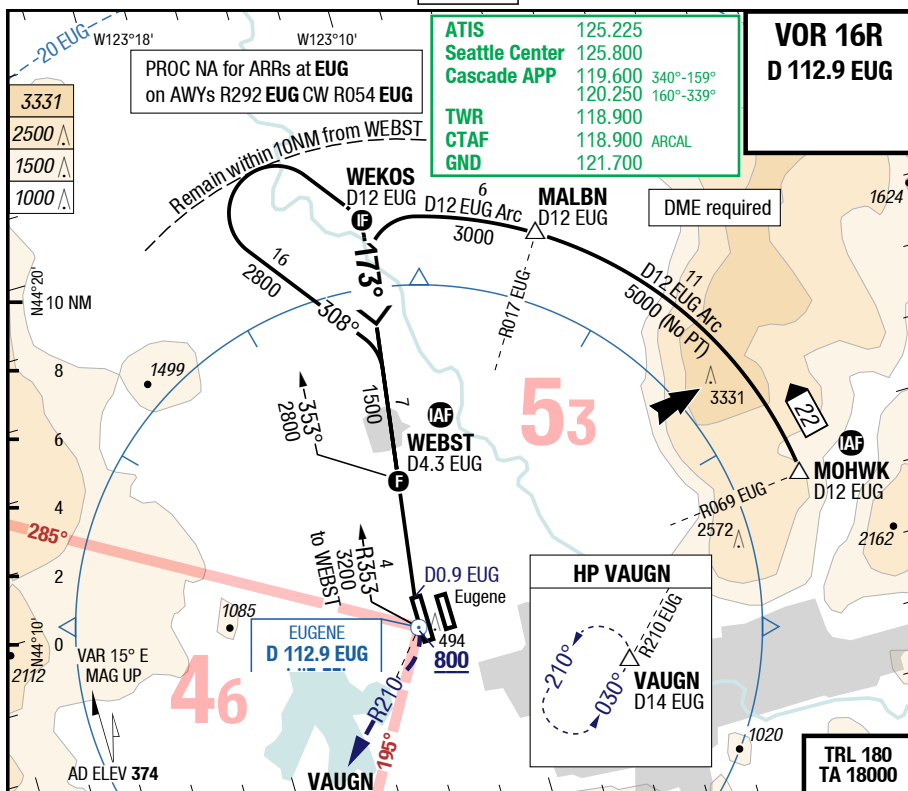
## RNAV (GPS) Y 34R



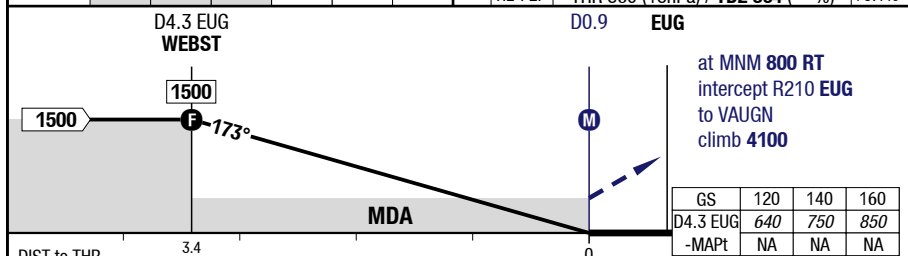
## EUG-KEUG

**7-110**

**VOR 16R**



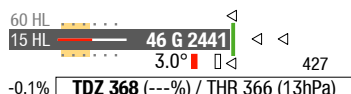
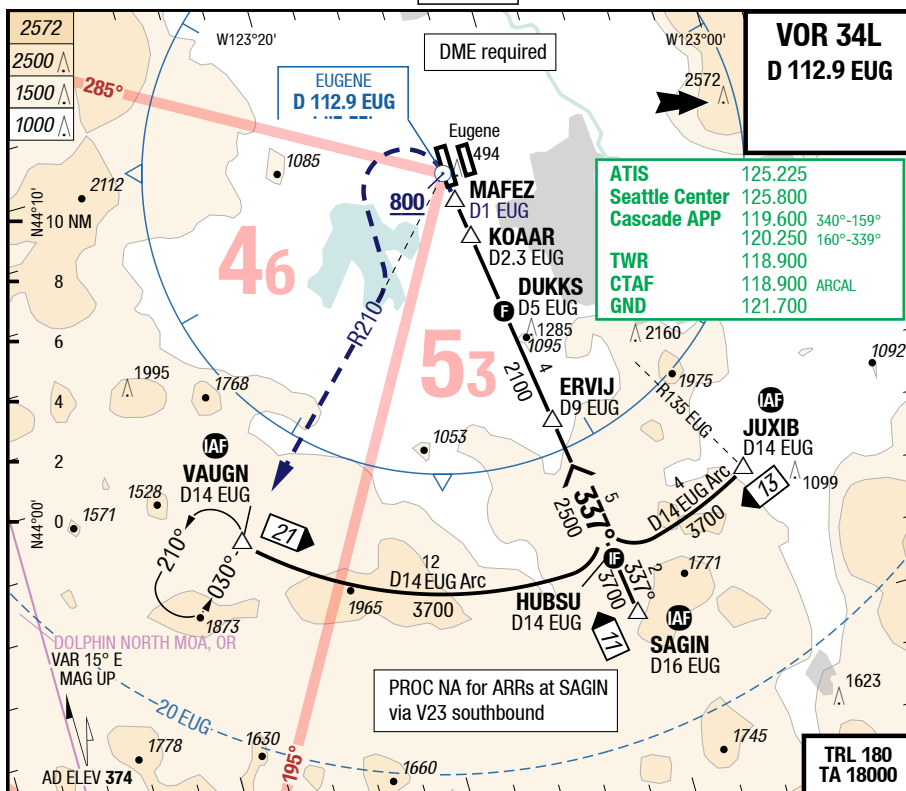
3.01°				4.3	4	3	
<b>D EUG</b> <b>173°</b> RWY 164°				1500	1410	1090	



DIST TO THR		VOR DME				Circling TERPS	
16R						TERPS	
C	ft - ft/SM ft	420 - 4000R/0.75V 780				630 - 1.75V 1000	
D	ft - ft/SM ft	420 - 5000R/1.0V 780				770 - 2.5V 1140	

**7-120**

**VOR 34L**

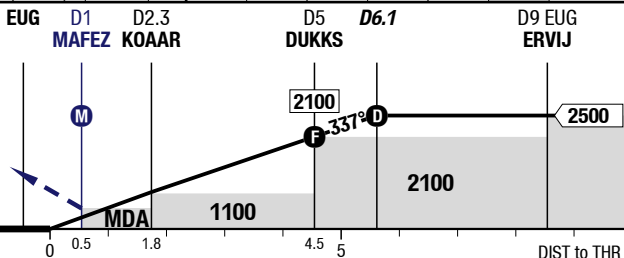


2	3	4	6	6.1		3.49° <b>D EUG</b>
1000	1370	1740	2480	2500		<b>337°</b> RWY 344°

## VGSI and FAPA not coincident

at MNM 800 LT  
intercept R210 EUG  
to VAUGN  
climb 4100

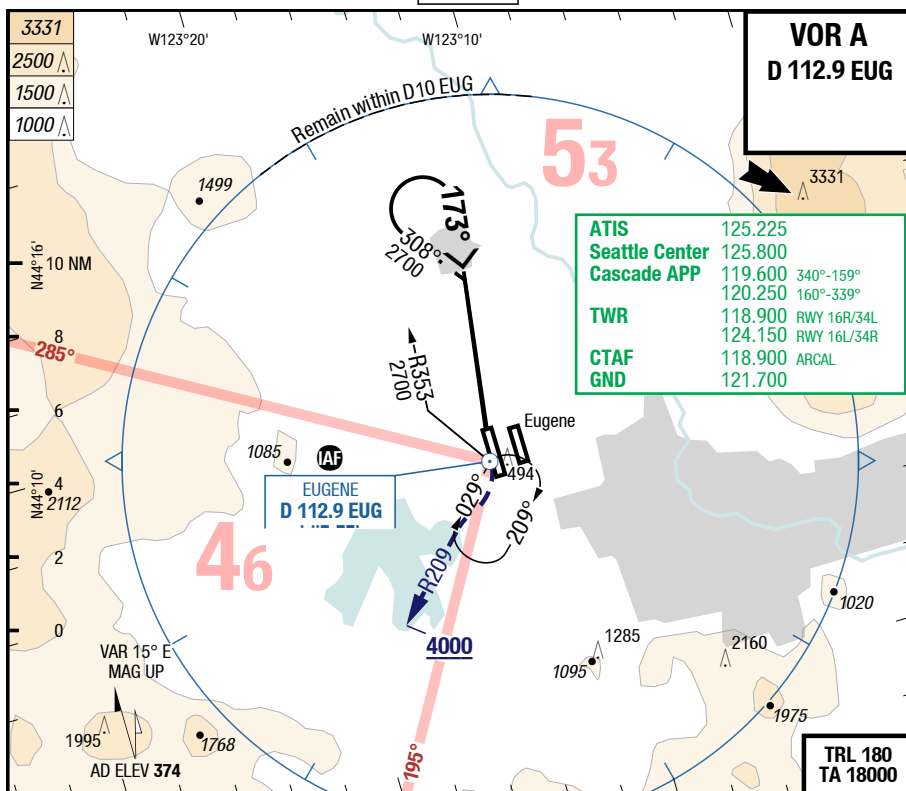
GS	120	140	160
D5 EUG	740	860	990
-MAPt	NA	NA	NA



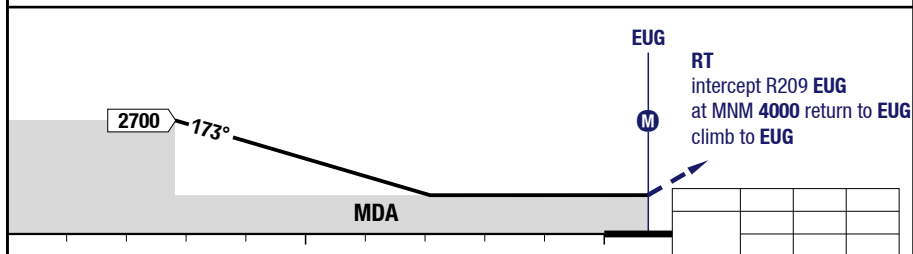
<b>34L</b>		<b>VOR DME</b>					<b>Circling</b>
<b>TERPS</b>							<b>TERPS</b>
<b>C</b>	ft - ft/SM ft	420 - 5500R/1.0V <b>780</b>					630 - 1.75V <b>1000</b>
<b>D</b>	ft - ft/SM ft	420 - 5500R/1.0V <b>780</b>					770 - 2.5V <b>1140</b>

**7-130**

## VOR A



See AFC for RWY information  
and approach light system.



All RWYs							<div> <div>Circling</div> <div><math>N_{GR}</math> TERPS</div> </div>
C	ft - ft/SM ft						830 - 2.5V 1200
D	ft - ft/SM ft						830 - 2.75V 1200