

06-SEP-2018

PWM-KPWM**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours:** TWR 1045-0500‡, use CTAF outside TWR OPS hours**AD OPS Hours:** Attended 1100-0300‡**Airport Information****RFF:** FAA Index B / CAT 6**Fuel:** Jet A, 1100-0300‡; other times O/R.**PCN:** Not published**Operation****Traffic Note**

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

Preferential RWY

0500-1045‡:

LDG: RWY 11.

DEP: RWY 29.

TWY Restriction

TWY A east of RWY 18/36 is CLSD to ACFT with wingspan above 41m / 135ft.

VOR TEST FACILITY (VOT): 111.0**Warnings**

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

Communication**COM Failure:** See CRAR.**Arrival Procedure****Land And Hold Short Operation (LAHSO)**

These OPS include LDG and hold short of an intersection RWY/TWY or other predetermined points on the RWY other than RWY or TWY marked with (*).

LDG RWY	Hold Short Point (HSP)	Distance
RWY 11	RWY 18/36*	1768m / 5800ft
RWY 18	RWY 11/29*	945m / 3100ft

06-SEP-2018

PWM-KPWM**1-20****AOI****DEPARTURE****Take-off Minima**

RWY		29	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-
RWY		11	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 4.5% up to 400 SID HSKEI: MNM climb gradient 5.8% up to 1300 SID NUBLE: MNM climb gradient 8.3% up to 580
3+4 ENG		0 - 2400R/0.5V	
RWY		18	
1+2 ENG	ft - ft/SM	0 - 1.0V	-
3+4 ENG		0 - 0.5V	-
RWY		36	
1+2 ENG	ft - ft/SM	0 - 1.0V	MNM climb gradient 3.9% up to 600
3+4 ENG		0 - 0.5V	

Speed

MAX IAS 250KT below 10000ft.

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

If no radio contact established within 2min after DEP, proceed on course and climb to requested ALT or 10000ft whichever is lower.

Effective 02-MAR-2017
23-FEB-2017

United States Portland Portland Intl Jetport

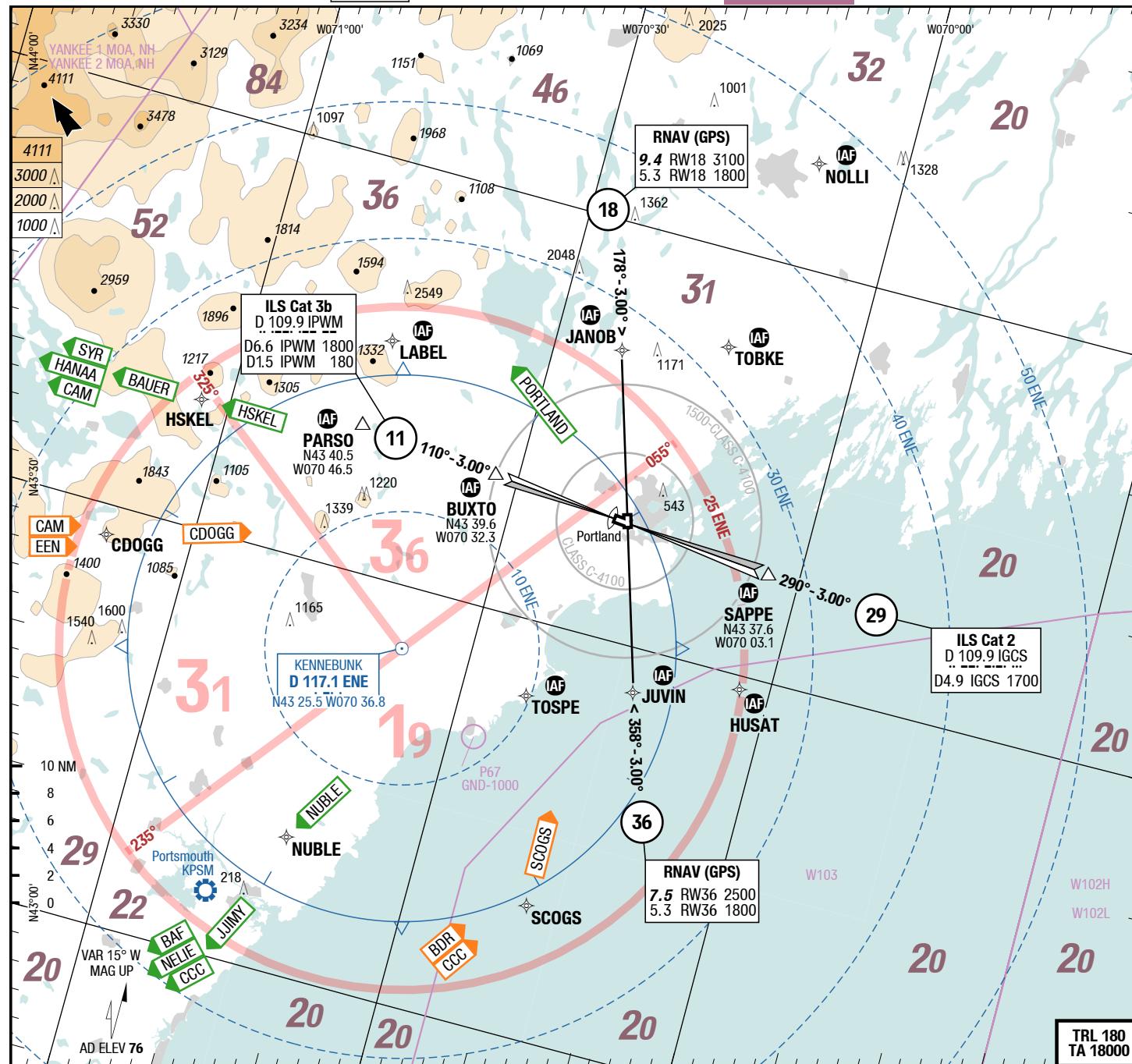
AGC
AFC

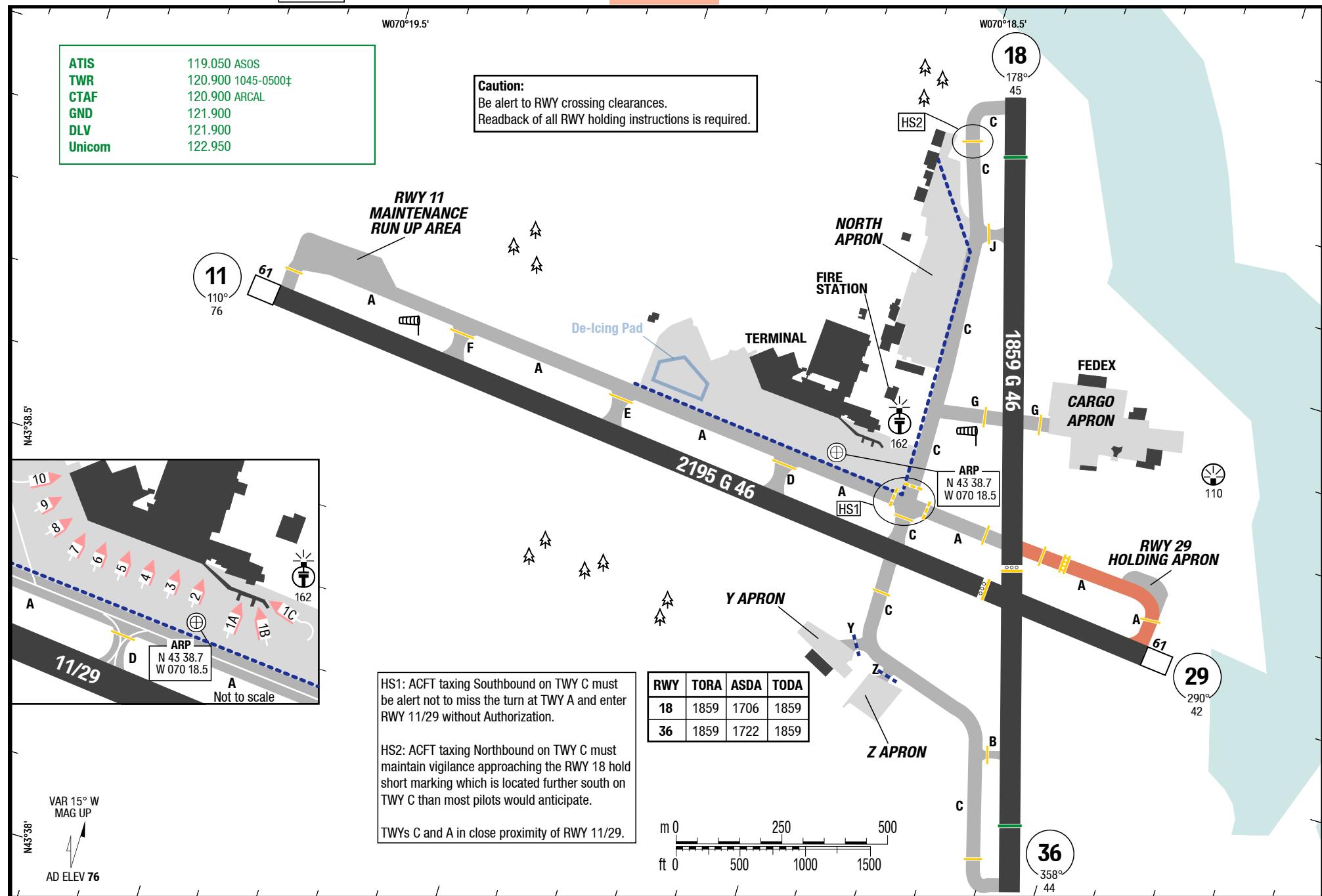
Portland Intl Jetport **Portland** United States

AGC
AFC

PWM-KPWM

2-10





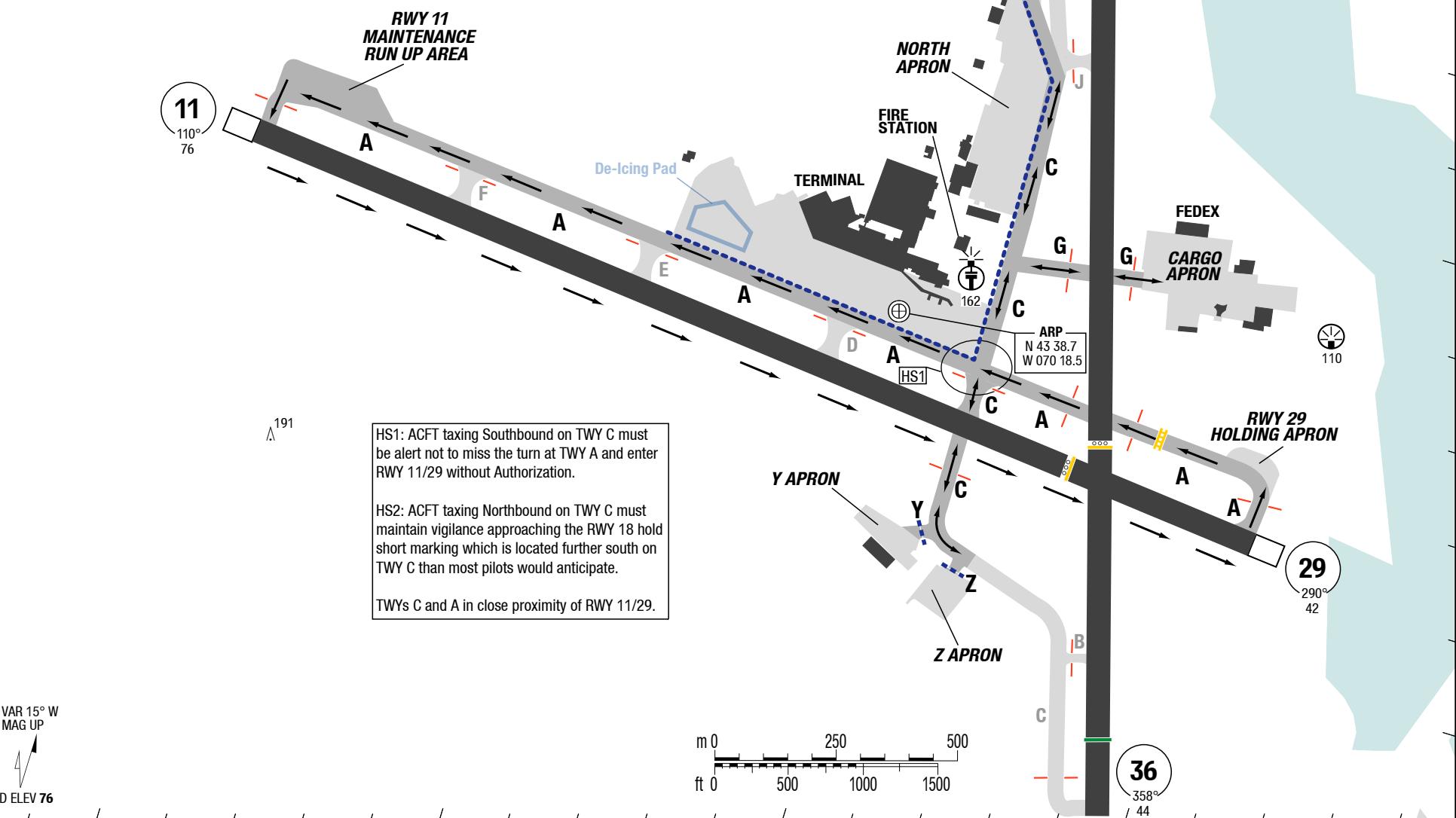
PWM-KPWM

3-30

W070°19.5'

W070°18.5'

ATIS	119.050 ASOS
TWR	120.900 1045-0500‡
CTAF	120.900 ARCAL
GND	121.900
DLV	121.900
Unicom	122.950



Effective 13-SEP-2018

06-SEP-2018

United States Portland Portland Intl Jetport

NUBLE 4 RNAV

PWM-KPWM

4-10

HSKEL 3 RNAV

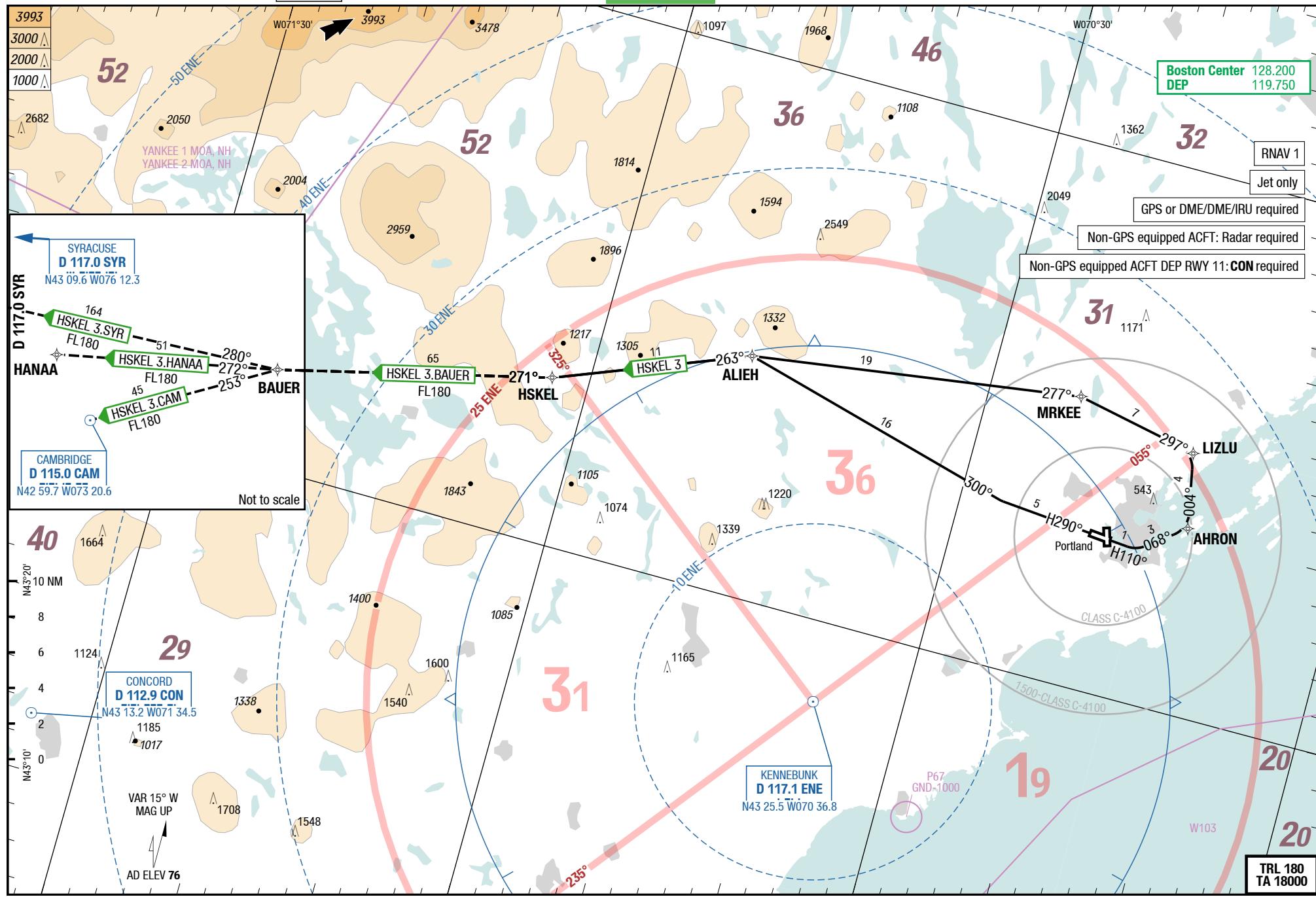
SID

SID

Portland Intl Jetport Portland United States

NUBLE 4 RNAV

HSKEL 3 RNAV



Effective 13-SEP-2018

06-SFP-2018

United States **Portland** Portland Intl Jetport

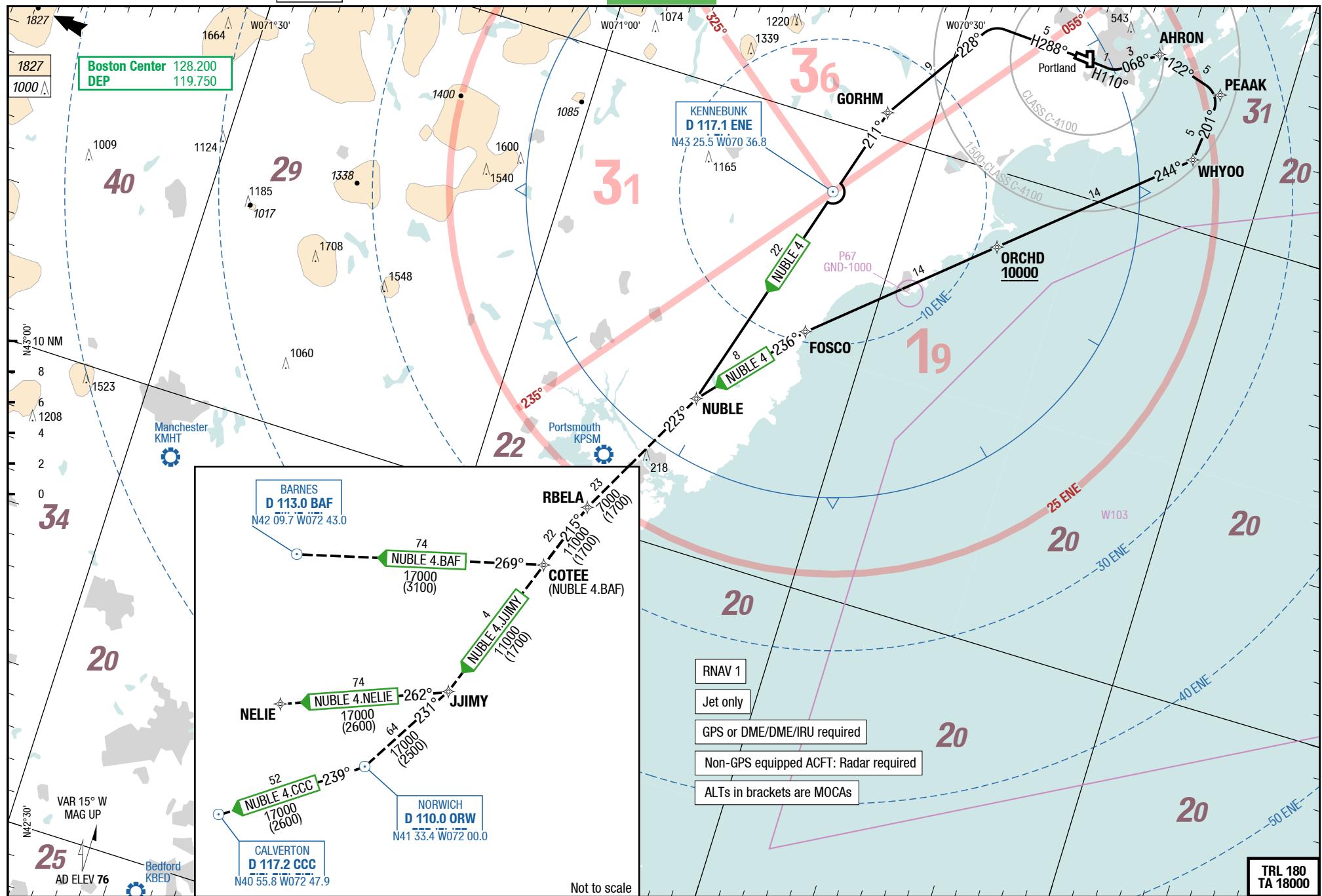
PWM-KPWM

4-20

NUBLE 4 RNAV

Portland Intl Jetport **Portland** United States

NUBLE 4 RNAV



Changes: Track, OBST, PROC renumbered

Effective 13-SEP-2018

06-SEP-2018

United States **Portland** Portland Intl Jetport

PWM-KPWM

-30

PORTLAND 5 (PWM5)

6

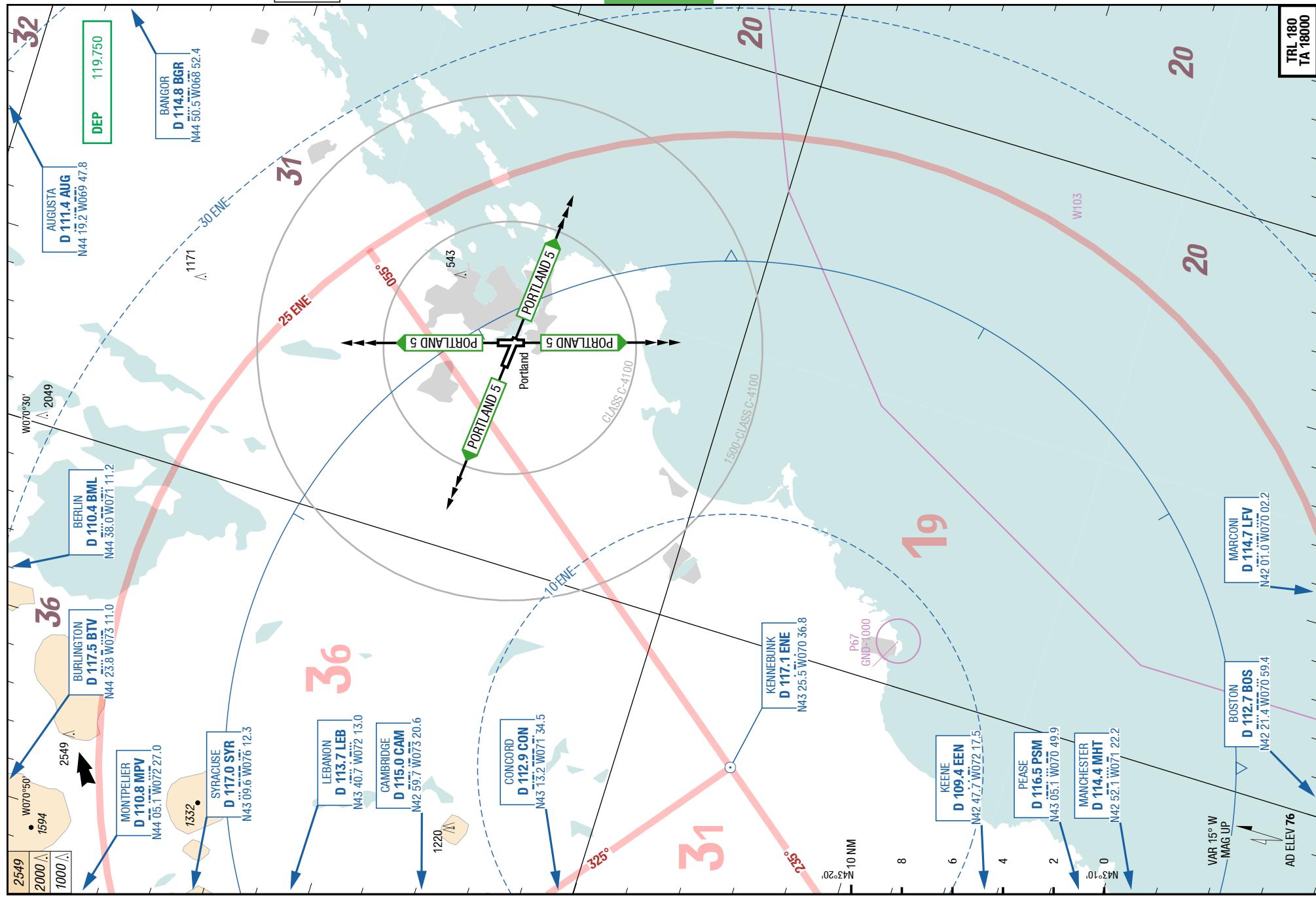
8

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NIL

PORLAND 5 (PWM5)

AD



PWM-KPWM

5-10

HSKEL 3 RNAV

HSKEL 3

RWYs 11 (110°) / 29 (290°)

	GS	120	150	180	210	240	270
5.8%	ft/MIN	800	900	1100	1300	1500	1600

DESIGNATOR	ROUTING	ALTITUDES
HSKEL 3 (Jet) 119.750 ①		initial climb 3000 initial climb 5000 (when TWR closed)
RWY 11 5.8% to 1300	HDG 110° - intercept 068° to AHRON - LIZLU - MRKEE - ALIEH - HSKEL	
RWY 29	HDG 290° - intercept 300° to ALIEH - HSKEL	
	TRANSITION	
	BAUER HSKEL - BAUER	
	CAMBRIDGE (CAM) HSKEL - BAUER - CAM	
	HANAA HSKEL - BAUER - HANAA	
	SYRACUSE (SYR) HSKEL - BAUER - SYR	

① Expect clearance to filed ALT 5 MIN after DEP.

PWM-KPWM**5-20****NUBLE 4 RNAV**

SIDPT

NUBLE 4

RWYs 11 (110°) / 29 (290°)

	GS	120	150	180	210	240	270
8.3%	ft/MIN	1100	1300	1600	1800	2100	2300

DESIGNATOR	ROUTING	ALTITUDES
NUBLE 4 (Jet) 119.750 ①		
RWY 11 8.3% to 580	HDG 110° - intercept 068° to AHRON - PEAAK - WHYOO - ORCHD - FOSCO - NUBLE	ORCHD MNM 10000 Initial climb 3000 Initial climb 5000 (when TWR closed)
RWY 29	HDG 288° - intercept 228° to GORHM - NUBLE	Initial climb 3000 Initial climb 5000 (when TWR closed)
TRANSITION		
BARNES (BAF) NUBLE - RBELA - COTEE - BAF		
CALVERTON (CCC) NUBLE - RBELA - JJIMY - ORW - CCC		
JJIMY NUBLE - RBELA - JJIMY		
NELIE NUBLE - RBELA - JJIMY - NELIE		

① Expect clearance to filed ALT 5 MIN after DEP.

PWM-KPWM

5-30

PORTLAND 5 (PWM5)

PORTLAND 5

RWYs 11 (110°) / 18 (178°) / 29 (290°) / 36 (358°)

DESIGNATOR	ROUTING	ALTITUDES
PORTLAND 5 PWM 5 119.750 ①		initial climb 3000 initial climb 5000 (when TWR closed)
RWY 11	HDG 110° or as assigned by ATC - radar vectors to assigned route / navaid / fix	
RWY 18	HDG 178° or as assigned by ATC - radar vectors to assigned route / navaid / fix	
RWY 29	HDG 290° or as assigned by ATC - radar vectors to assigned route / navaid / fix	
RWY 36	HDG 110° or as assigned by ATC - radar vectors to assigned route / navaid / fix	

① Expect clearance to filed ALT 5 MIN after DEP.

Obstacle Departure

RWY	Notes
11	Tree 481ft from DER, 563ft right of centerline, 32ft AGL/69ft MSL. Tree 650ft from DER, 551ft left of centerline, 25ft AGL/67ft MSL. Trees beginning 5943ft from DER, 1152ft left of centerline, up to 189ft AGL/230ft MSL. Trees beginning 1NM from DER, 2025ft left of centerline, up to 186ft AGL/228ft MSL. Trees beginning 1NM from DER, 1660ft left of centerline, up to 209ft AGL/251ft MSL.
18	Tree 107ft from DER, 522ft right of centerline, 33ft AGL/77ft MSL. Tree 178ft from DER, 481ft right of centerline, 38ft AGL/82ft MSL. Trees beginning 207ft from DER, left and right of centerline, up to 57ft AGL/78ft MSL. Trees beginning 403ft from DER, 503ft right of centerline, up to 66ft AGL/110ft MSL. Trees beginning 1038ft from DER, left and right of centerline, up to 65ft AGL/109ft MSL. Trees beginning 1257ft from DER, left and right of centerline, up to 83ft AGL/127ft MSL. Trees beginning 1676ft from DER, 217ft right of centerline, up to 99ft AGL/143ft MSL. Trees beginning 4242ft from DER, 1132ft right of centerline, up to 124ft AGL/168ft MSL.
29	Trees beginning 1301ft from DER, 789ft left of centerline, up to 47ft AGL/122ft MSL. Trees 2185ft from DER, 830ft left of centerline, up to 74ft AGL/149ft MSL. Trees beginning 2742ft from DER, 811ft right of centerline, up to 83ft AGL/180ft MSL. Trees beginning 3103ft from DER, 1245ft left of centerline, up to 114ft AGL/189ft MSL. Trees beginning 4218ft from DER, 1382ft left of centerline, up to 129ft AGL/204ft MSL.
36	Building 11ft from DER, 149ft left of centerline, 2ft AGL/46ft MSL. Fence 23ft from DER, 495ft left of centerline, 21ft AGL/68ft MSL. Vehicles on road, beginning 196ft from DER, 251ft left of centerline, up to 17ft AGL/56ft MSL. Trees beginning 364ft from DER, 87ft left of centerline, up to 60ft AGL/73ft MSL. Trees beginning 21ft from DER, 252ft left of centerline, up to 56ft AGL/101ft MSL. Trees beginning 238ft from DER, 515ft left of centerline, up to 68ft AGL/112ft MSL. Trees beginning 1281ft from DER, 832ft right of centerline, up to 85ft AGL/129ft MSL. Trees beginning 1699ft from DER, 450ft right of centerline, up to 76ft AGL/121ft MSL. Trees beginning 2298ft from DER, 848ft left of centerline, up to 81ft AGL/125ft MSL. Tree 3545ft from DER, 1437ft left of centerline, 93ft AGL/138ft MSL.

Effective 10-DEC-2015

03-DEC-2015

United States **Portland** Portland Intl Jetport

PWM-KPWM

6-10

CDOGG 3 RNAV

Portland Intl Jetport **Portland** United States

4111

STAR

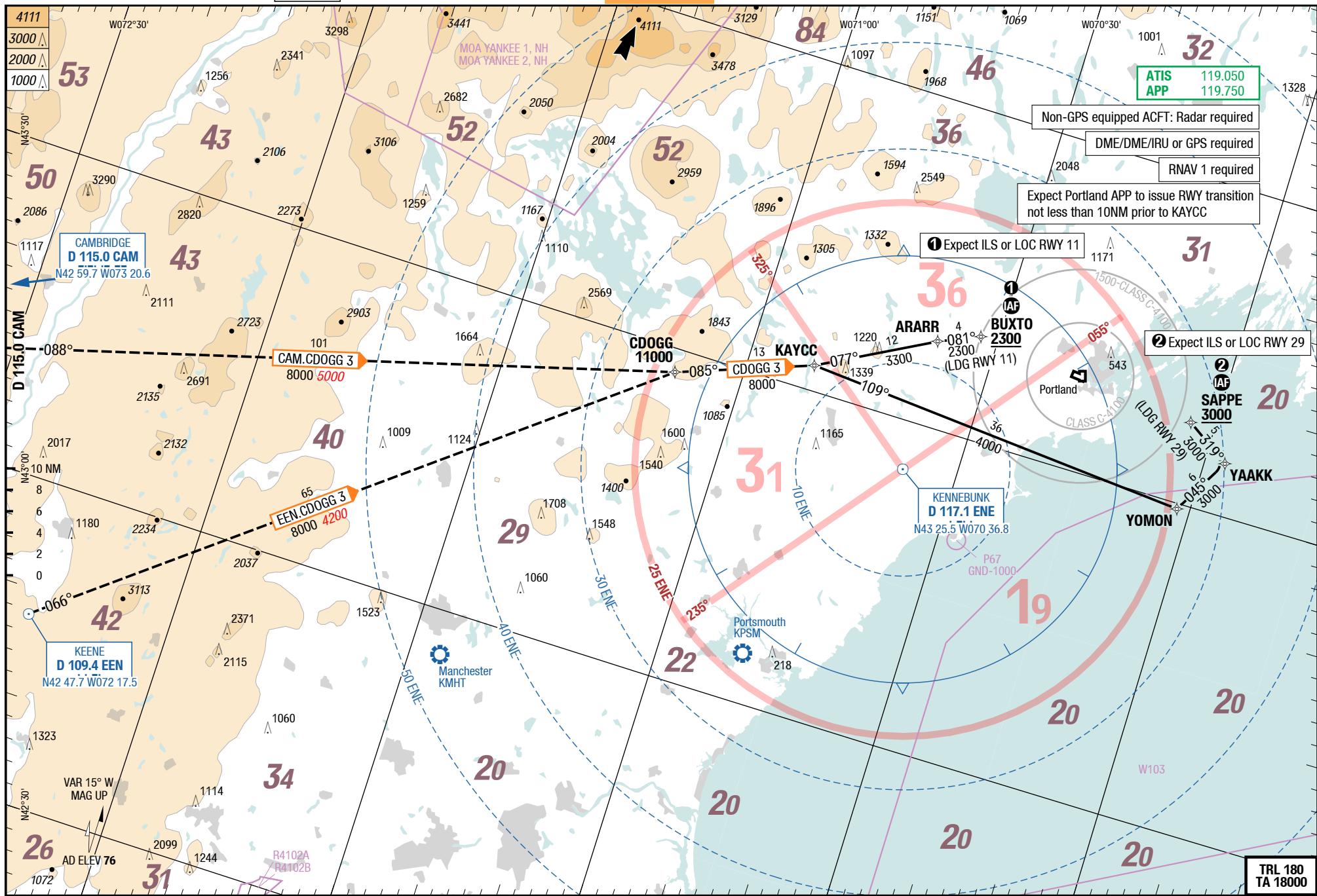
STAR

Portland Intl Jetport **Portland** United States

03-DEC-2015

SCOGS 3

CDOGG 3 RNAV



Effective 10-DEC-2015

03-DEC-2015

United States Portland Portland Intl Jetport

PWM-KPWM

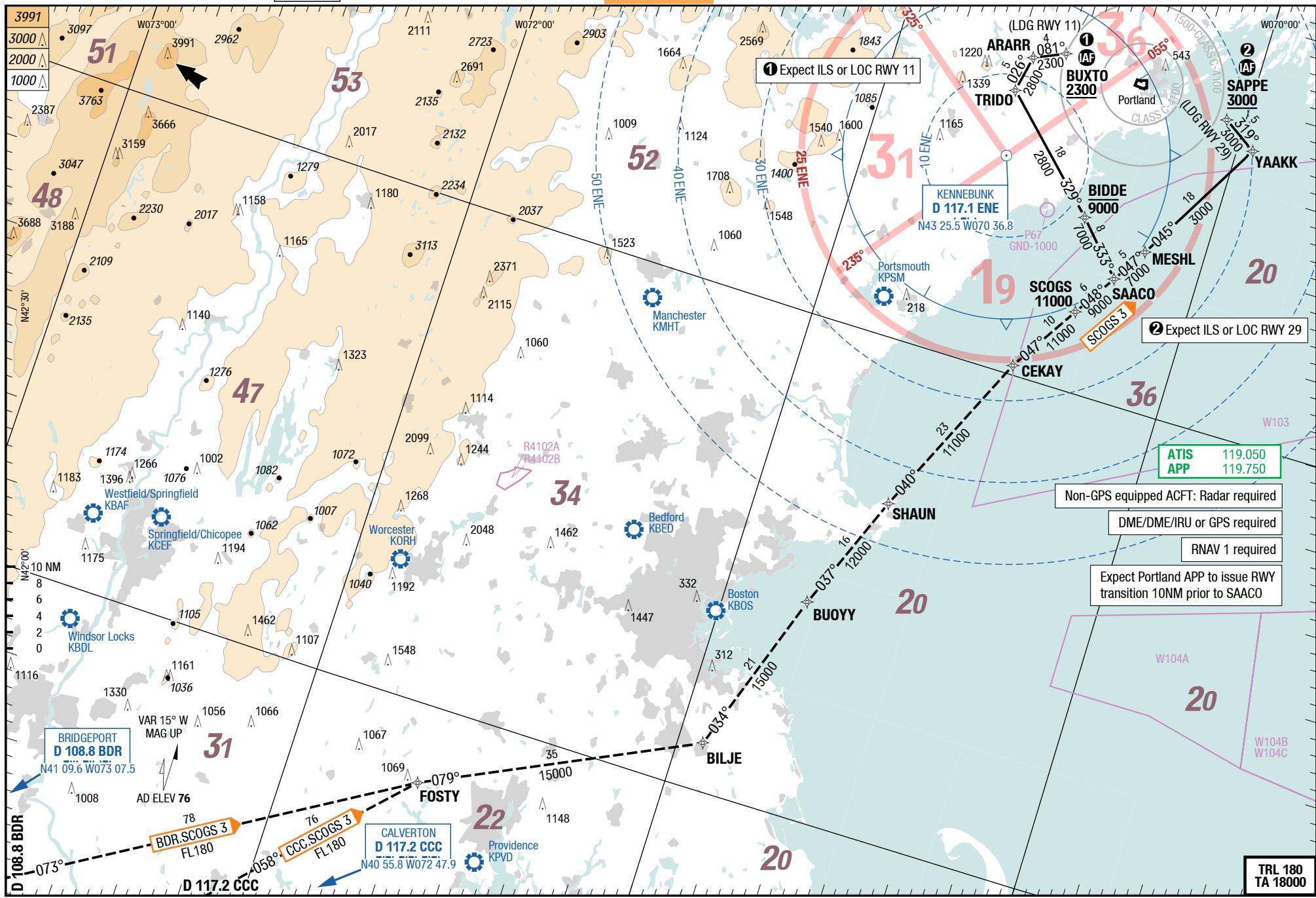
6-20

SCOGS 3 RNAV

STAR

STAR

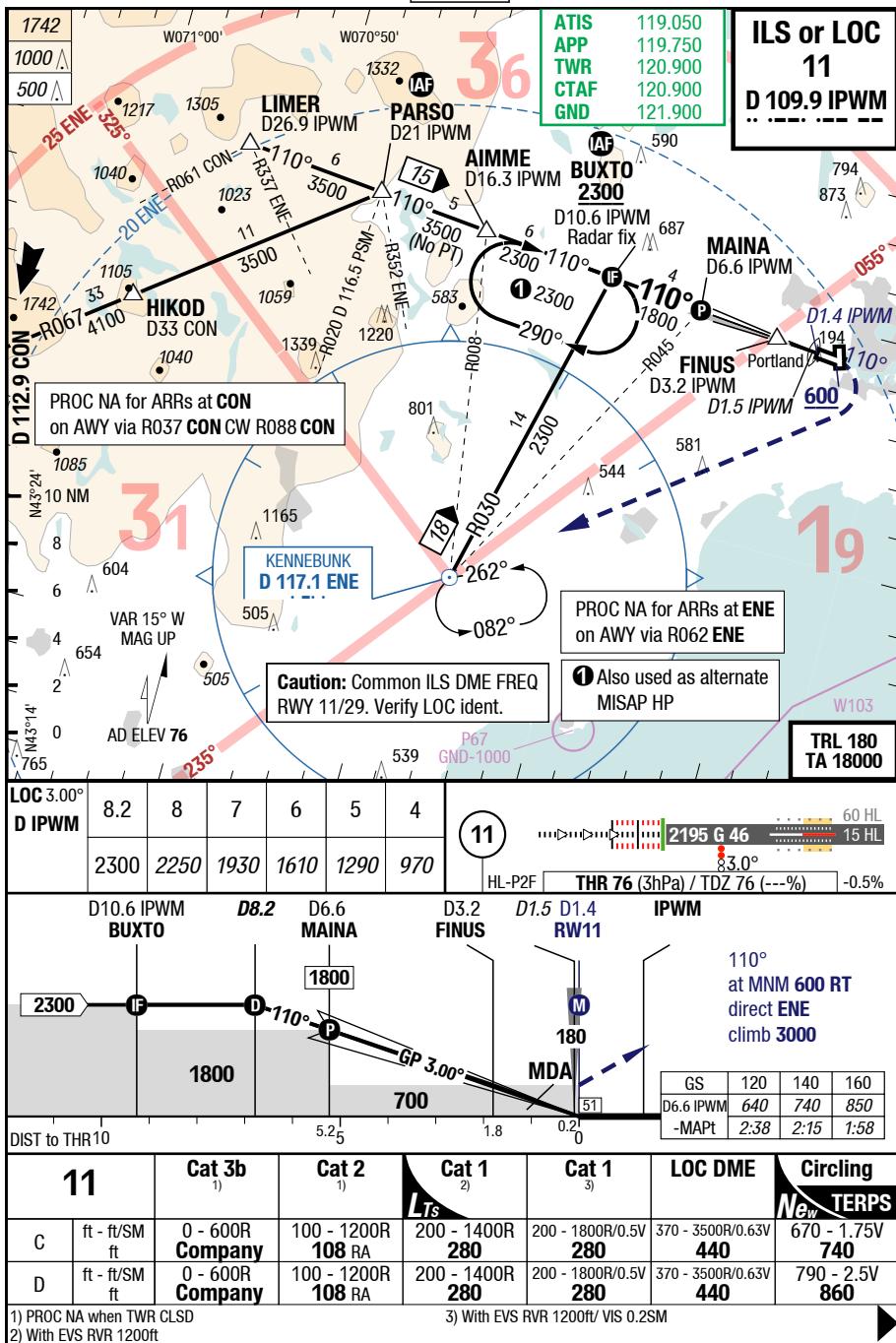
Portland Intl Jetport Portland United States



PWM-KPWM

7-10

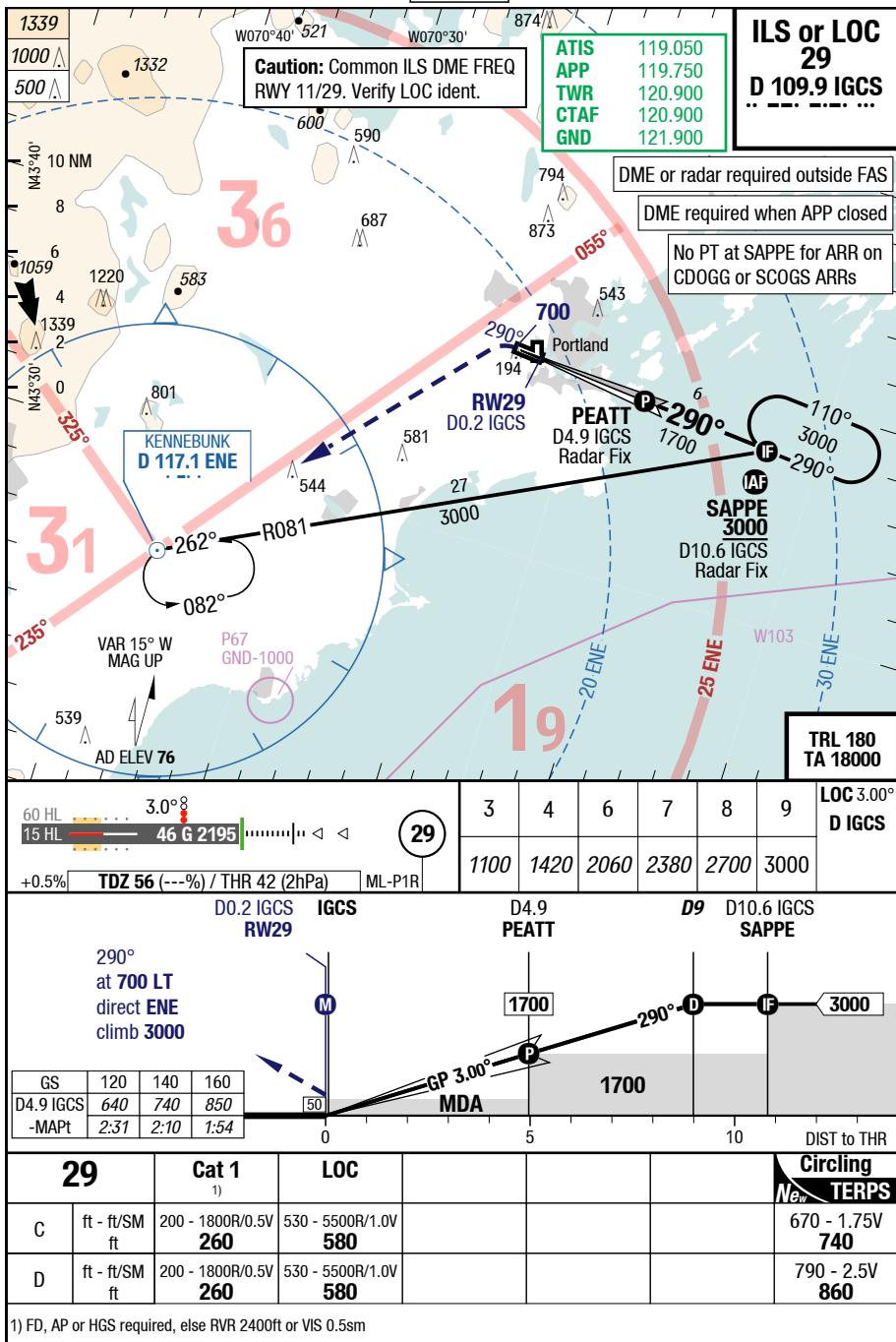
ILS or LOC 11



PWM-KPWM

7-20

ILS or LOC 29



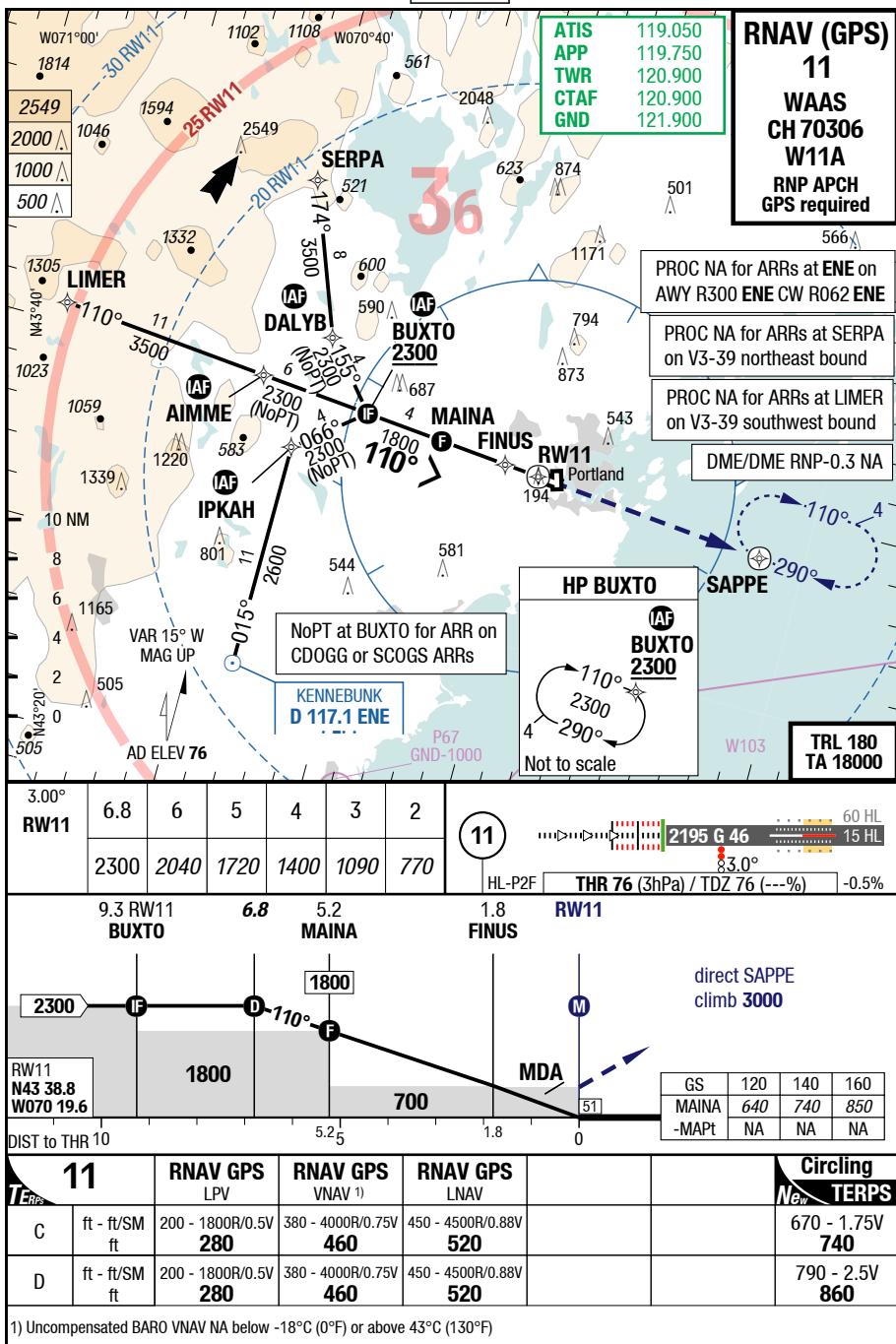
13-JUL-2017

PWM-KPWM

7-30

RNAV (GPS) 11

IAC



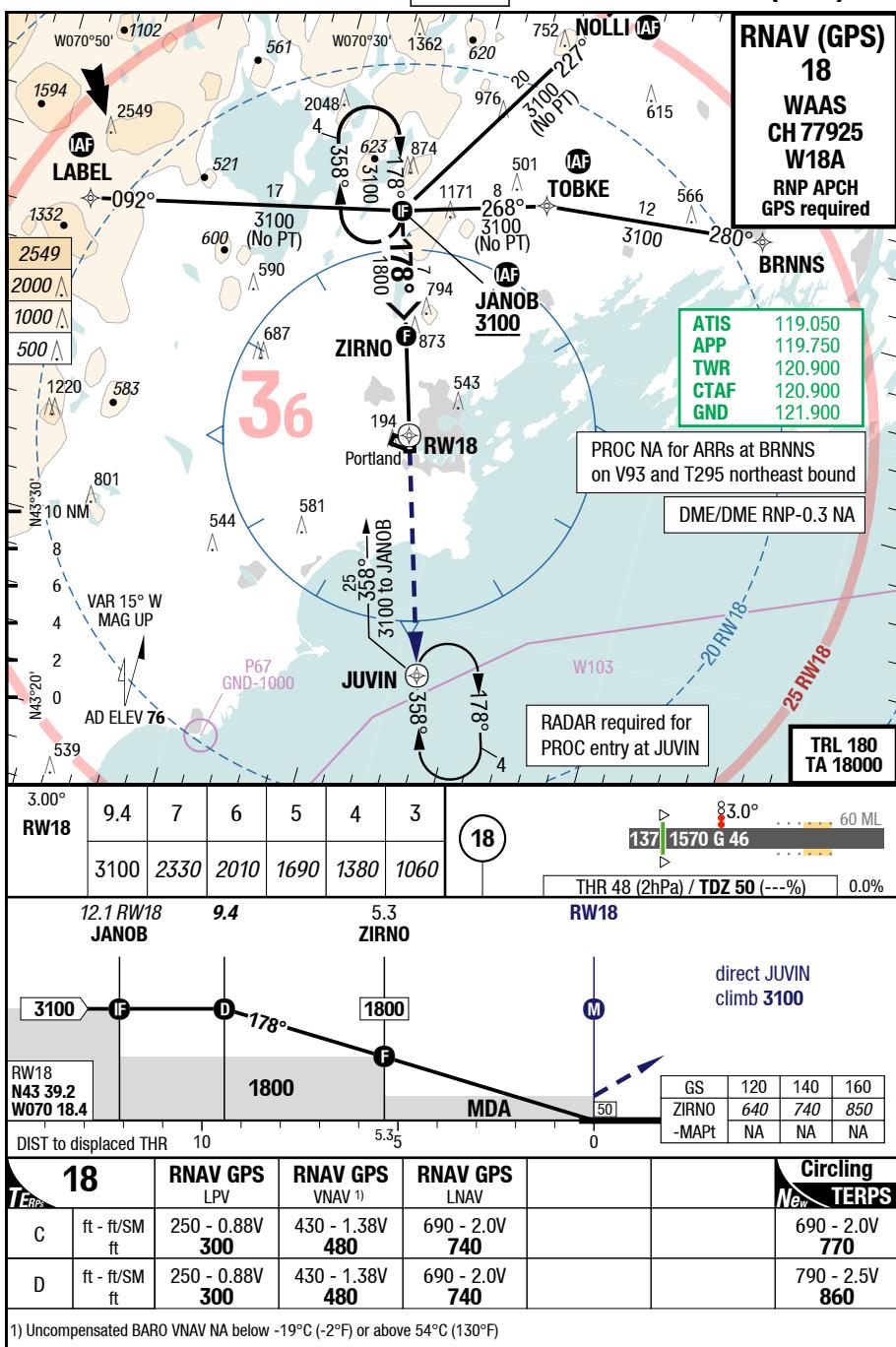
13-JUL-2017

IAC

PWM-KPWM

7-40

RNAV (GPS) 18



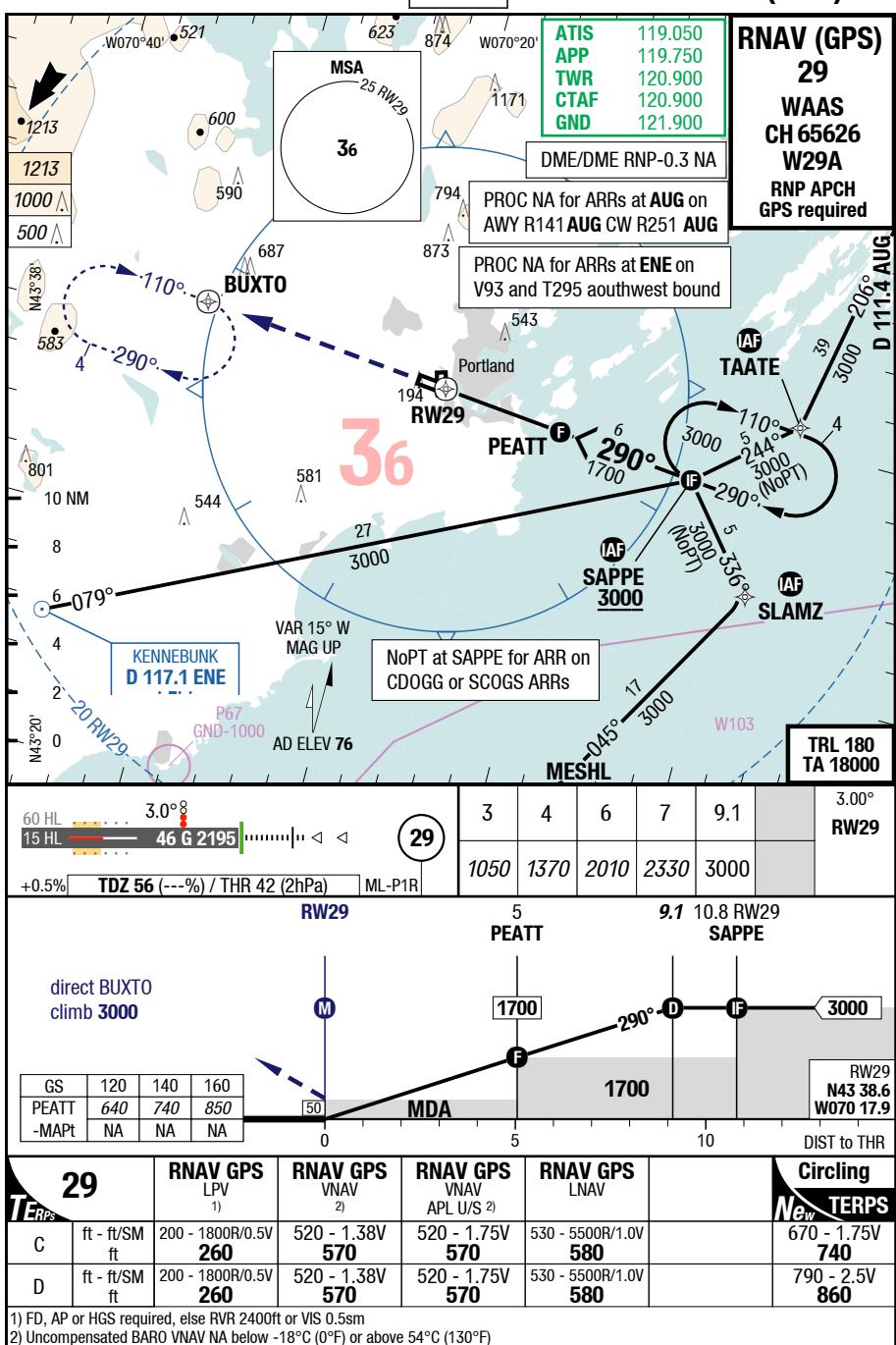
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13-JUL-2017

PWM-KPWM

7-50

RNAV (GPS) 29



SI - ANNA MARIA

Changes: MIN, AMDT No

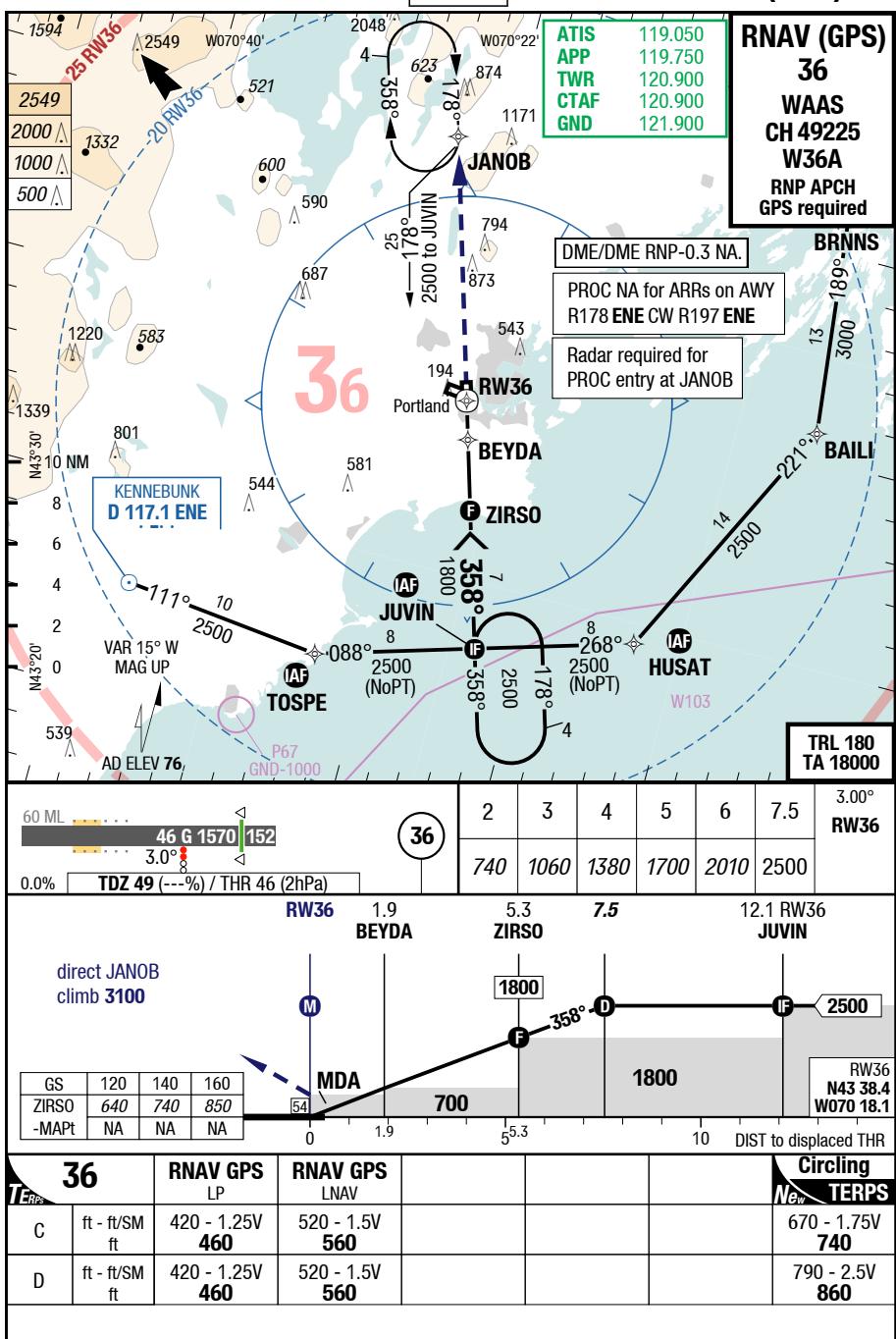
13-JUL-2017

IAC

PWM-KPWM

7-60

RNAV (GPS) 36



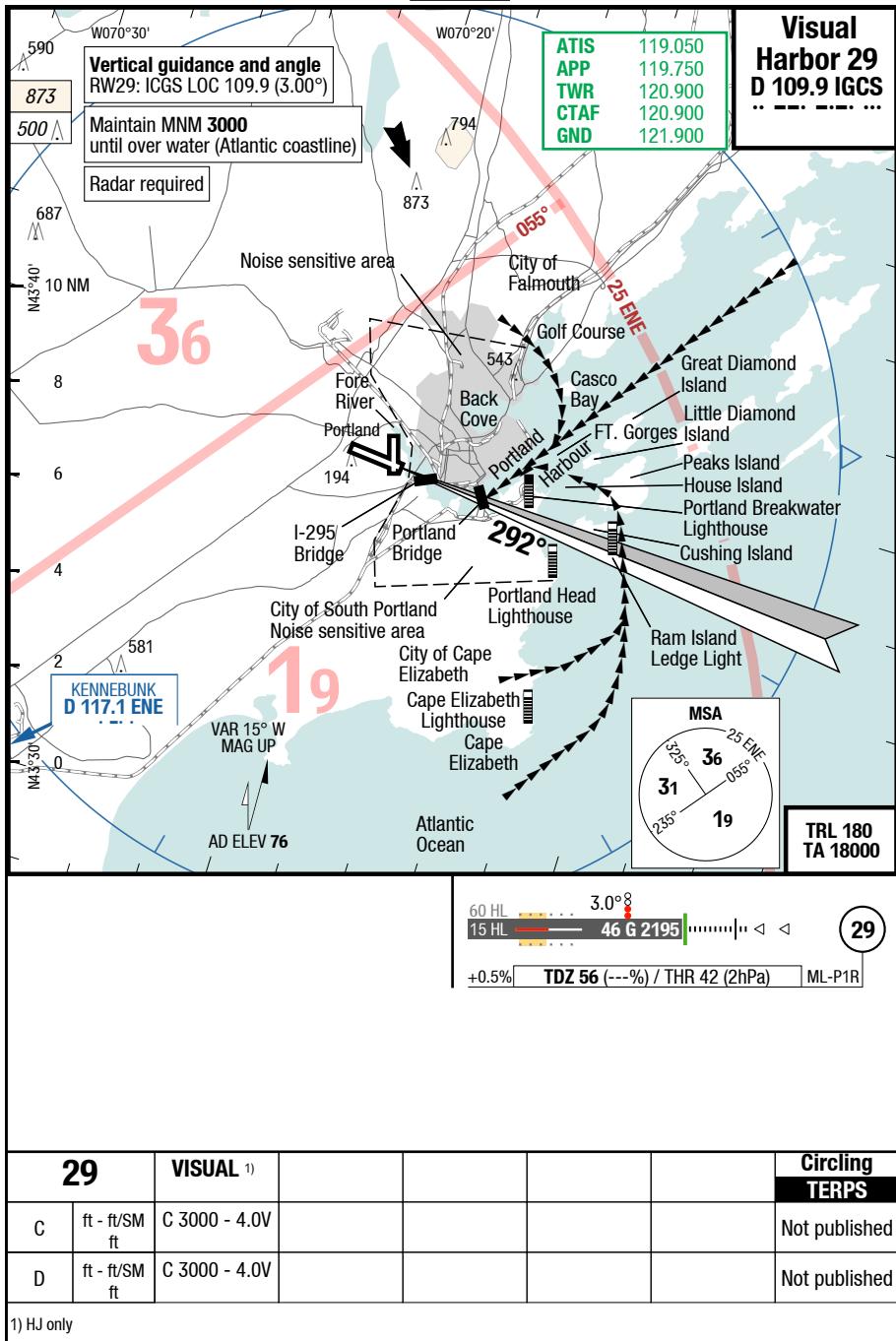
11-AUG-2016

PWM-KPWM

7-70

Visual HARBOR 29

VAC



PWM-KPWM

7-90

WxMinima Overflow

11		LOC wo FINUS	LOC wo FINUS APL U/S				
C	ft - ft/SM ft	630 - 1.38V 700	630 - 1.75V 700				
D	ft - ft/SM ft	630 - 1.38V 700	630 - 1.75V 700				