

24-MAY-2018

PIT-KPIT**1-10****AOI****AOI****GENERAL****Operational Hours****ATS Hours / AD OPS Hours:** H24**Airport Information****RFF:** FAA Index D / CAT 8**Fuel:** Jet A**PCN:** RWY 10C/28C: 68/R/B/X/T, RWY 10L/28R: 65/R/B/X/T
RWY 10R/28L: 80/R/B/X/T, RWY 14/32: 71/R/B/X/T**Operation****Traffic Note**

Terminal Doppler Weather Radar (TDWR) in operation.

Using TWY N it is prohibited to stop on overpass area due to possible EMERG evacuation hazard.

Transponder OPS

ASDE-X in use, operate transponders with ALT reporting Mode and ADS-B (if equipped) enabled on all airport surfaces.

TWY Restriction

TWY G INT at RWY 10L/28R right turn not authorized.

Turn off from TWY AA onto TWY A prohibited for ACFT with wingspan 52m / 171ft or above, except PPR.

Warnings**EWC VOR** unusable: R285-R335**AGC VOR** unusable:

R036-R059 beyond 10NM below 7000ft

R071-R175

R226-261 beyond 10NM

Birds in vicinity of AD.

ARRIVAL**Speed**

MAX IAS 250KT below 10000ft.

MAX IAS 200KT underneath class B airspace.

Communication**COM Failure:** See CRAR.**ARRIVAL****Arrival Procedure****Simultaneous APCH**

Simultaneous converging APCH authorized RWY 28R with RWY 32.

Simultaneous APCH authorized RWY 10R/10L and RWY 28R/28L.

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ARRIVAL**Non-standard GP intercept position on
RWY 10L**

GP intercepts RWY 10L at *343m / 1126ft* after landing threshold.
 Remaining DIST beyond GP is *2858m / 9376ft*.

RWY 28L

GP intercepts RWY 28L at *314m / 1030ft* after landing threshold.
 Remaining DIST beyond GP is *3191m / 10470ft*.

RWY 28R

GP intercepts RWY 28R at *320m / 1049ft* after landing threshold.
 Remaining DIST beyond GP is *2759m / 9053ft*.

DEPARTURE**Take-off Minima**

RWY		10C/28C, 10R/28L, 14, 28R	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	-
3+4 ENG		0 - 2400R/0.5V	-

RWY		10L	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 3.6% up to 1400, or TKOF must occur not later than 1400ft/427m prior to RWY end.
3+4 ENG		0 - 2400R/0.5V	

RWY		32	
1+2 ENG	ft - ft/SM	0 - 5000R/1.0V	MNM climb gradient 4.2% up to 1500
3+4 ENG		0 - 2400R/0.5V	

Speed

MAX IAS 250KT below 10000ft.

MAX IAS 200KT underneath class B airspace.

Communication

COM Failure: See CRAR.

Departure Procedure**Departure Note**

RWY 28R: ACFT must be aligned with RWY prior to applying TKOF power.

Intersection TKOF

Airport Traffic Control Tower (ATCT) has been granted a waiver to the guideline that prohibits the TWR from placing ACFT into "position and hold" at intersection between SS-SR.

This waiver will allow TWR to taxi ACFT into "position and hold" during periods of darkness at following intersection:

RWY 28L at TWY P

When provision of this waiver exercised, affected RWYs will not be used for LDG. Intersection TKOF will continue to be utilized at other locations between SS-SR. However, ACFT cannot be put into "position and hold" prior TKOF CLR.

Effective 19-JUL-2018

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12-JUL-2018

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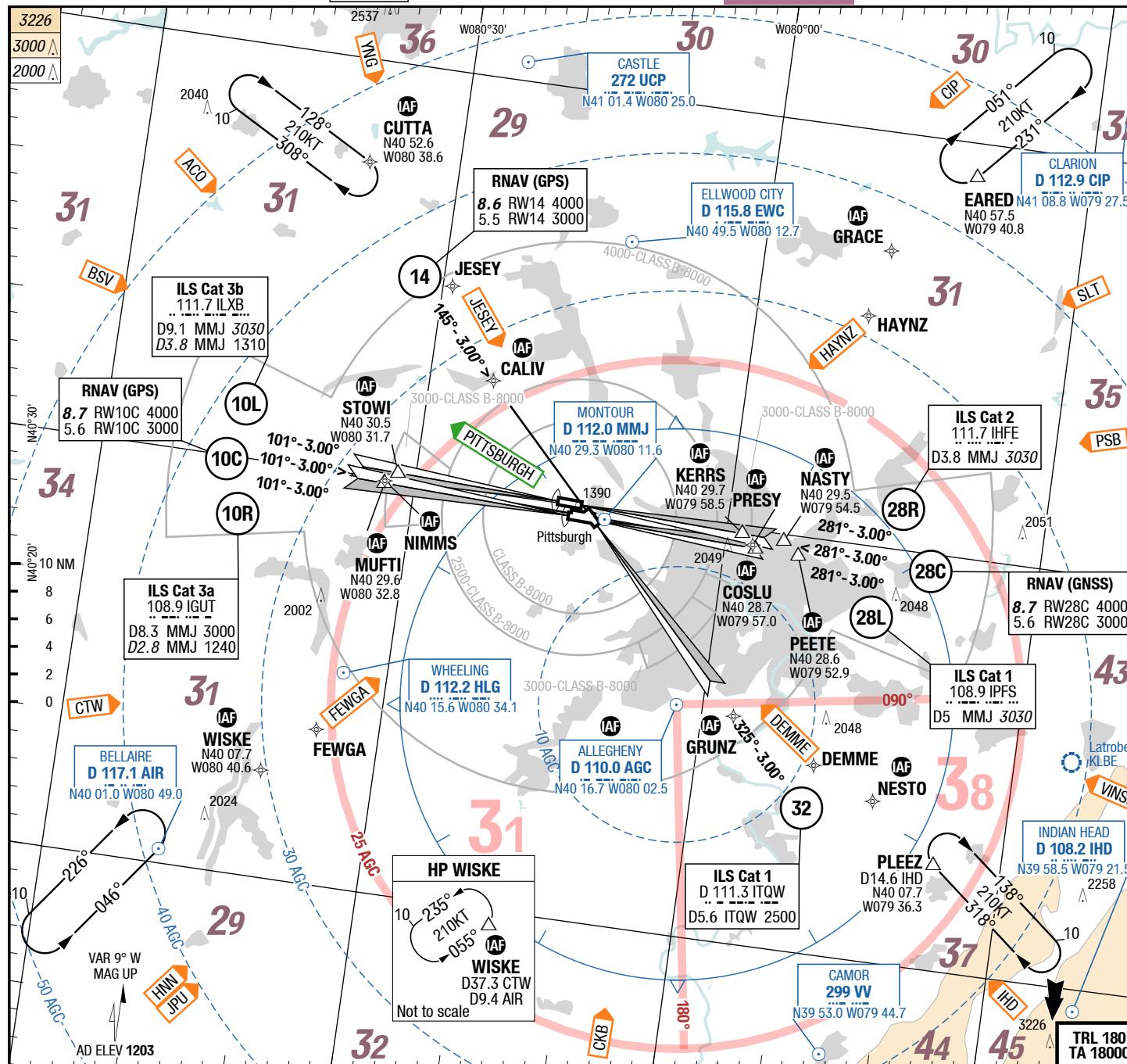
2-10

AGC
AFC

Af

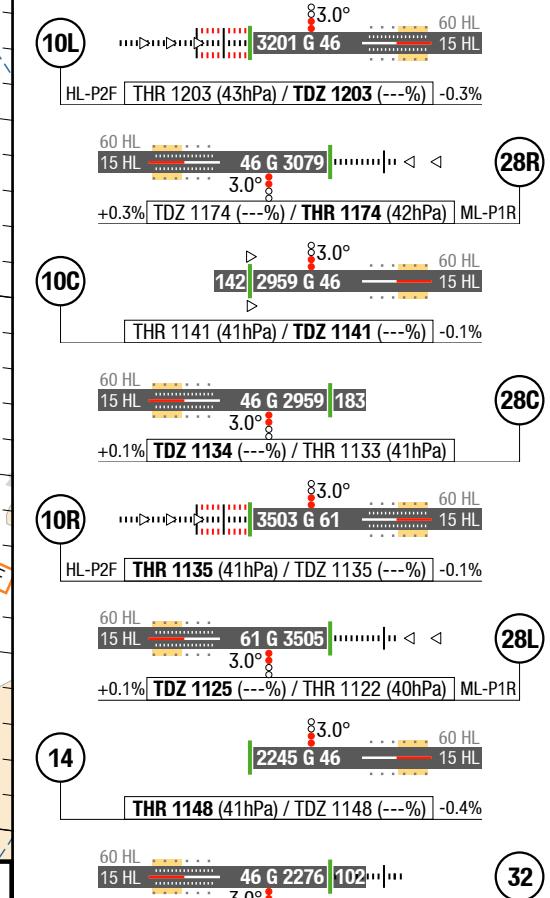
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AGC
AFG



D-ATIS	127.250	ARR ASOS	135.900	DEP
APP	124.150	001°-090°	123.950	091°-180°
	133.700	181°-270°	121.250	271°-360°
	120.875			
DEP	124.750	N	119.350	S
	125.275			
TWR	119.100	RWY 10R/28L	128.300	RWY 10L/28R
	135.025	RWY 10C/28C and 14/32		
UNICOM	122.950			
GND	127.800	N	121.900	S
Ramp	130.775	N	131.375	S
DLV	126.750			
CPDLC	DCL			
BDC				

Landing RWY system:



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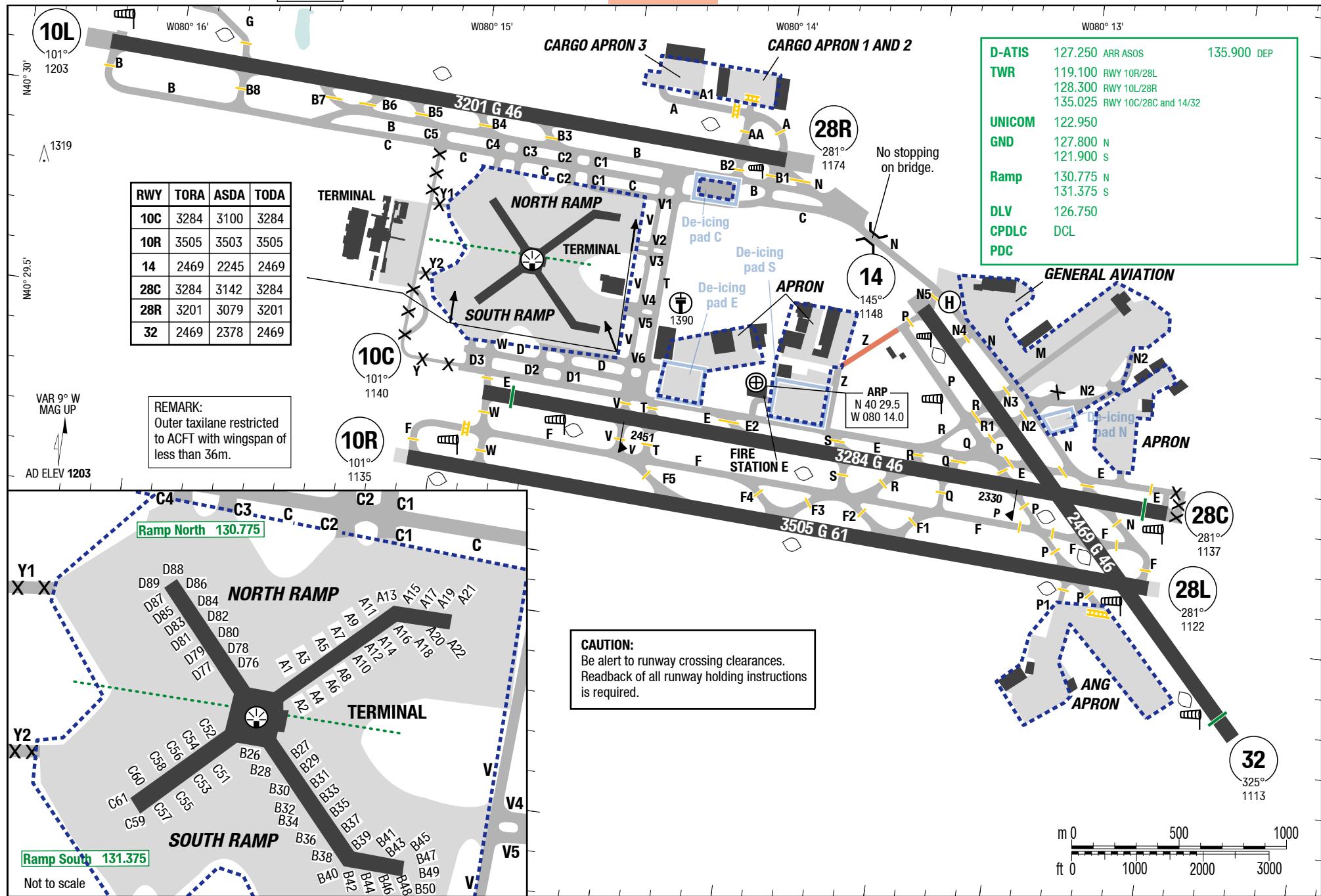
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3-20

AGC

AGC

AGC



Stand Coordinates

A1-A3 N40 29.8 W080 14.8

A4-A8 N40 29.8 W080 14.7

A9 N40 29.9 W080 14.7

A10 N40 29.8 W080 14.7

A11 N40 29.9 W080 14.7

A12 N40 29.8 W080 14.7

A13-A20 N40 29.9 W080 14.6

A21-A22 N40 29.9 W080 14.5

B26-B28 N40 29.7 W080 14.8

B29-B31 N40 29.9 W080 14.6

B32 N40 29.6 W080 14.7

B33 N40 29.7 W080 14.7

B34-B38 N40 29.6 W080 14.7

B39-B50 N40 29.6 W080 14.6

C51-C54 N40 29.7 W080 14.9

C55 N40 29.6 W080 14.9

C56 N40 29.7 W080 14.9

C57 N40 29.6 W080 14.9

C58 N40 29.7 W080 14.9

C59-C61 N40 29.6 W080 15.0

D76 N40 29.8 W080 14.8

D77-D83 N40 29.8 W080 14.9

D84 N40 29.9 W080 14.9

D85 N40 29.8 W080 15.0

D86 N40 29.9 W080 14.9

D87-D89 N40 29.9 W080 15.0

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06-SEP-2018

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NIL

SID

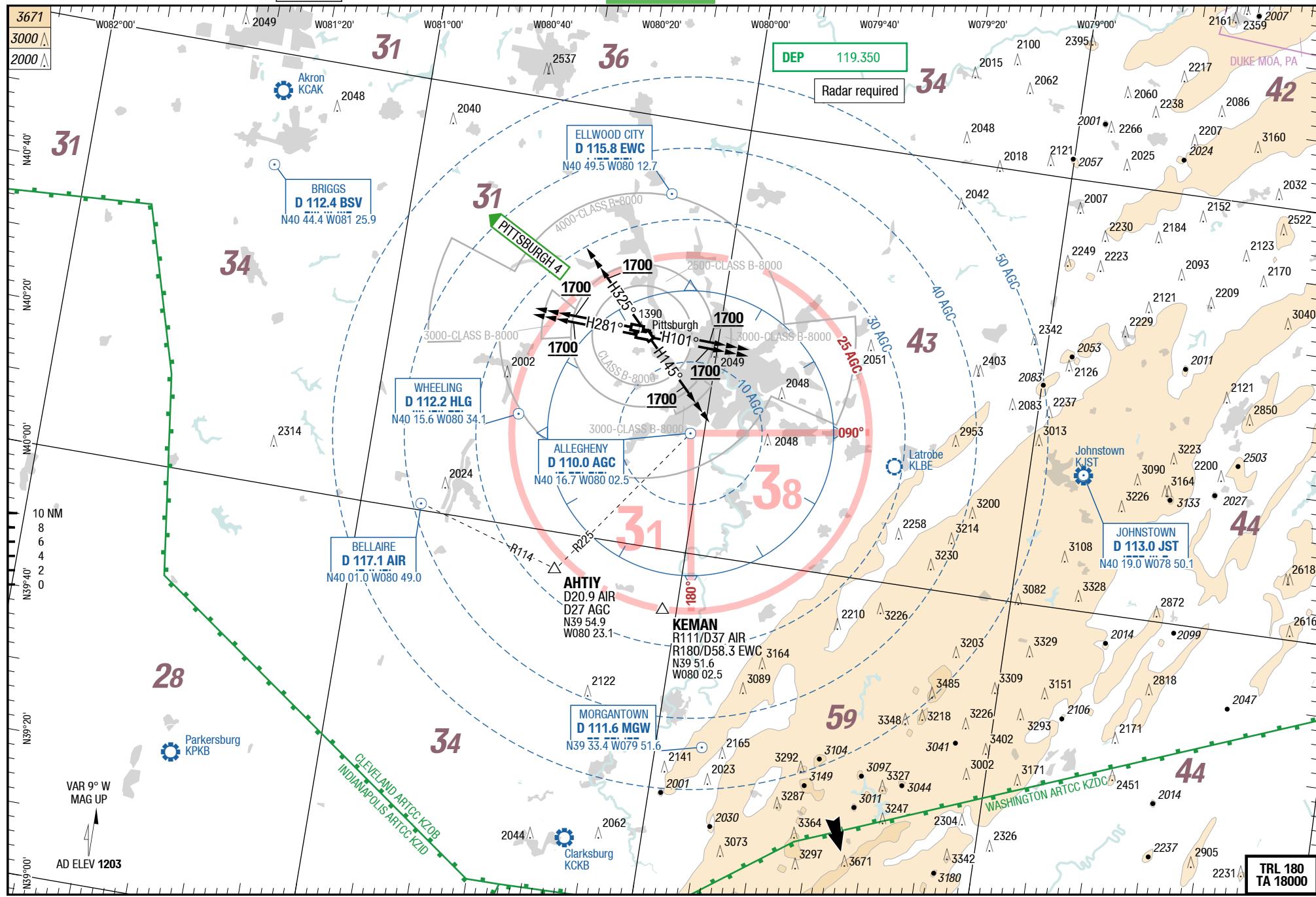
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4-10

PITTSBURGH 4



Changes: Navaid , WPT , OBST, PROC renumbered

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5-10

PITTSBURGH 4

SIDPT

PITTSBURGH 4

RWYs 10L/C/R (101°) / 14 (145°) / 28L/C/R (281°) / 32 (325°)

DESIGNATOR	ROUTING	ALTITUDES
PITTSBURGH 4		
PIT 4		
124.750		initial climb 4000 (PROP) initial climb 5000 (JET)
①②		
RWYs 10L/10C/10R	HDG 101° to MNM 1700 - expect vectors	
RWY 14	HDG 145° to MNM 1700 - expect vectors	
RWYs 28L/28C/28R	HDG 281° to MNM 1700 - expect vectors	
RWY 32	HDG 325° to MNM 1700 - expect vectors	

- ① Expect further clearance to requested altitude 10 minutes after departure.
② No turns except as assigned by ATC or vectored to assigned Route/Fix

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Obstacle Departure 1

SIDPT

Obstacle Departure

RWY	Routing
10L/C/R	Climb HDG 100° - at 1700 proceed on course.
14	Climb HDG 144° - at 1700 proceed on course.
28L/C/R	Climb HDG 280° - at 1700 proceed on course.
32	Climb HDG 324° - at 1700 proceed on course.

RWY	Notes
10L	Vertical structures beginning 24ft from DER, 5ft right of centerline, up to 2ft AGL/1175ft MSL. Vertical structures beginning 24ft from DER, 4ft left of centerline, up to 2ft AGL/1175ft MSL. Aircraft on ramps beginning 199ft from DER, 250ft right of centerline, up to 64ft AGL/1232ft MSL. Tree 1380ft from DER, 724ft left of centerline, 70ft AGL/1229ft MSL. Trees beginning 1386ft from DER, 672ft left of centerline, up to 1233ft MSL. Tower 4175ft from DER, 863ft left of centerline, 112ft AGL/1282ft MSL. Water tower 1.0NM from DER, 1786ft right of centerline, 200ft AGL/1340ft MSL.
10C	Pole 24ft from DER, 300ft left of centerline, 3ft AGL/1140ft MSL. Tree 2605ft from DER, 461ft left of centerline, 1222ft MSL. Tree 3174ft from DER, 747ft left of centerline, 1255ft MSL. Trees beginning 3221ft from DER, 911ft left of centerline, up to 1263ft MSL. Trees beginning 4539ft from DER, 1348ft right of centerline, up to 52ft AGL/1255ft MSL. Tree 4700ft from DER, 1489ft right of centerline, 50ft AGL/1257ft MSL. Tree 4728ft from DER, 1504ft right of centerline, 1261ft MSL. Tree 4739ft from DER, 1629ft right of centerline, 68ft AGL/1263ft MSL. Tree 4918ft from DER, 1450ft right of centerline, 69ft AGL/1264ft MSL. Tree 4963ft from DER, 1298ft right of centerline, 77ft AGL/1266ft MSL. Tree 4976ft from DER, 1363ft right of centerline, 74ft AGL/1268ft MSL.

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5-40

Obstacle Departure 2

SIDPT

Obstacle Departure

RWY	Notes
10R	Vertical structures beginning 9ft from DER, 40ft right of centerline, up to 2ft AGL/1123ft MSL. Vertical structures beginning 9ft from DER, 40ft left of centerline, up to 2ft AGL/1124ft MSL. Street sign 55ft from DER, 307ft left of centerline, 3ft AGL/1125ft MSL. Tree 415ft from DER, 586ft left of centerline, 10ft AGL/1137ft MSL. Tree 2905ft from DER, 673ft left of centerline, 1200ft MSL. Trees beginning 4568ft from DER, 1146 right of centerline, up to 1252ft MSL. Poles beginning 4587ft from DER, 1124ft left of centerline, up to 49ft AGL/1241ft MSL. Trees beginning 4595ft from DER, 151ft right of centerline, up to 70ft AGL/1255ft MSL. Trees beginning 5041ft from DER, 101ft right of centerline, up to 50ft AGL/1257ft MSL. Tree 5069ft from DER, 306ft right of centerline, 1261ft MSL. Trees beginning 5080ft from DER, 296ft right of centerline, up to 68ft AGL/1263ft MSL. Tree 5103ft from DER, 35ft left of centerline, 62ft AGL/1251ft MSL. Tree 5259ft from DER, 252ft right of centerline, 69ft AGL/1264ft MSL. Tree 5304ft from DER, 101ft right of centerline, 77ft AGL/1266ft MSL. Tree 5317ft from DER, 165ft right of centerline, 74ft AGL/1268ft MSL.
28L	Tree 2ft from DER, 497ft left of centerline, 46ft AGL/1137ft MSL. Tree 39ft from DER, 497ft left of centerline, 1144ft MSL. Tree 2271ft from DER, 1109ft left of centerline, 1223ft MSL.
28C	Poles beginning 123ft from DER, 498ft right of centerline, up to 41ft AGL/1149ft MSL. Aircraft on TWYs beginning 267ft from DER, 489ft right of centerline, up to 64ft AGL/1208ft MSL.
28R	Vertical structures beginning 9ft from DER, 4ft left of centerline, up to 1ft AGL/1204ft MSL. Vertical structures beginning 9ft from DER, on centerline, up to 1ft AGL/1204ft MSL. Tree 21ft from DER, 490ft right of centerline, 19ft AGL/1214ft MSL. Bush 71ft from DER, 477ft right of centerline, 1215ft MSL. Pole 643ft from DER, 632ft left of centerline, 25ft AGL/1223ft MSL. Tree 1808ft from DER, 912ft right of centerline, 1273ft MSL.

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Obstacle Departure 3

SIDPT

Obstacle Departure

RWY	Notes
32	Vertical structures beginning 10ft from DER, 54ft right of centerline, up to 2ft AGL/1149ft MSL. Vertical structures beginning 10ft from DER, 55ft left of centerline, up to 2ft AGL/1149ft MSL. Tree 80ft from DER, 376ft left of centerline, 40ft AGL/1151ft MSL. Pole 453ft from DER, 515ft right of centerline, 37ft AGL/1173ft MSL. Aircraft on TWY 1372ft from DER, 8ft right of centerline, 64ft AGL/1214ft MSL. Aircraft on TWYs beginning 1612ft from DER, 13ft right of centerline, up to 64ft AGL/1216ft MSL. Aircraft on TWY 1989ft from DER, 190ft left of centerline, 64ft AGL/1224ft MSL. Aircraft on TWY and tree beginning 2166ft from DER, 8ft right of centerline, up to 64ft AGL/1221ft MSL. Aircraft on TWY 2213ft from DER, 352ft left of centerline, 64ft AGL/1226ft MSL. Tree 2575ft from DER, 1097ft right of centerline, 70ft AGL/1229ft MSL. Tree 2577ft from DER, 1107ft right of centerline, 1233ft MSL. Aircraft on TWYs beginning 2580ft from DER, 425ft left of centerline, up to 64ft AGL/1233ft MSL. Aircraft on TWY 2942ft from DER, 836ft left of centerline, 64ft AGL/1235ft MSL. Tree 2943ft from DER, 1213ft right of centerline, 73ft AGL/1247ft MSL. Trees beginning 5831ft from DER, 1271ft right of centerline, up to 83ft AGL/1336ft MSL. Tower 1.1NM from DER, 514ft left of centerline, 95ft AGL/1341ft MSL. Tower 1.1NM from DER, 436ft left of centerline, 106ft AGL/1354ft MSL. Communication tower 1.1NM from DER, 436ft left of centerline, 102ft AGL/1349ft MSL.

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STAR

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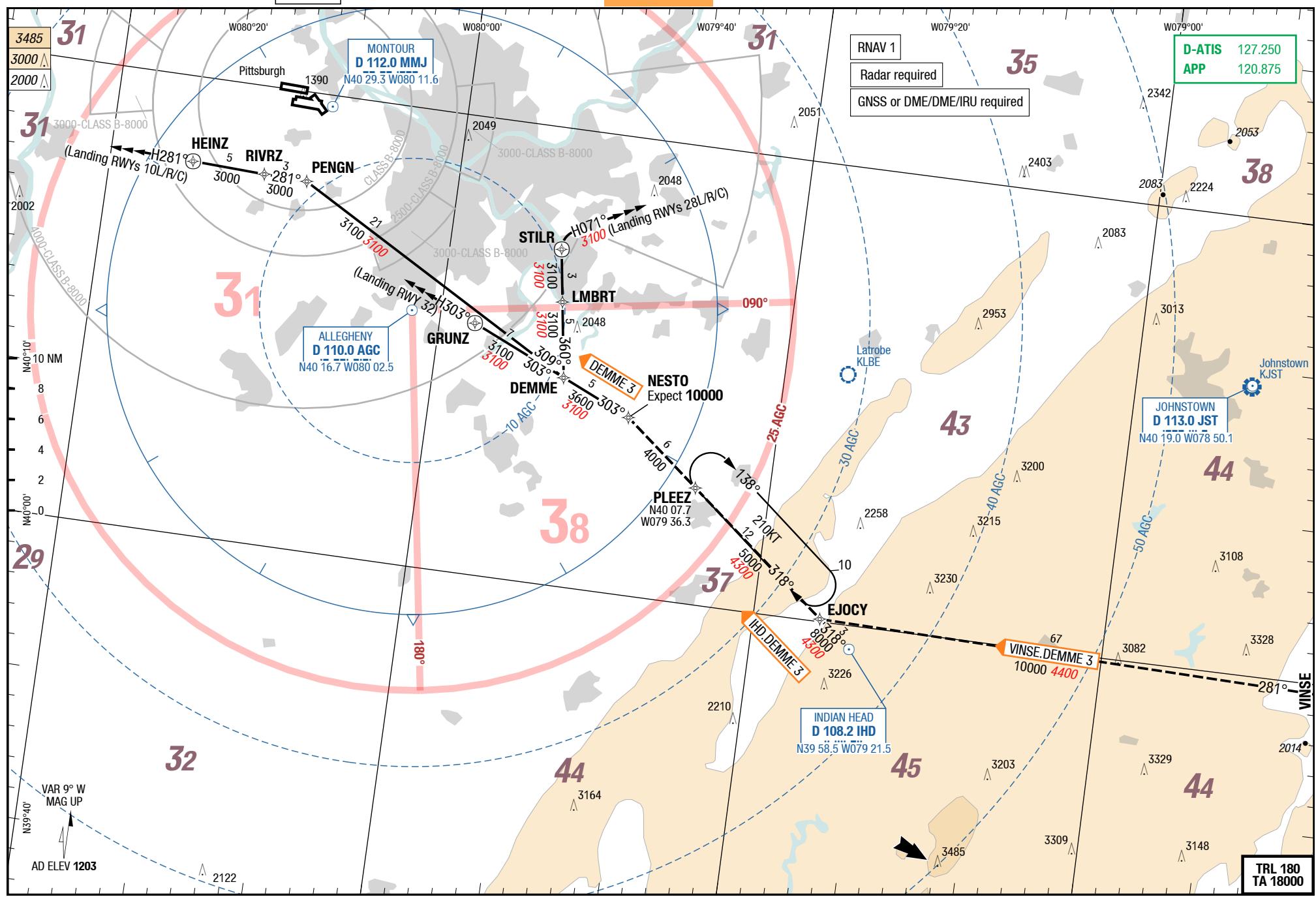
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6-10

DEMME 3 RNAV

DEMME 3 RNAV



Changes: MSA, VAR, OBST, PROC renumbered

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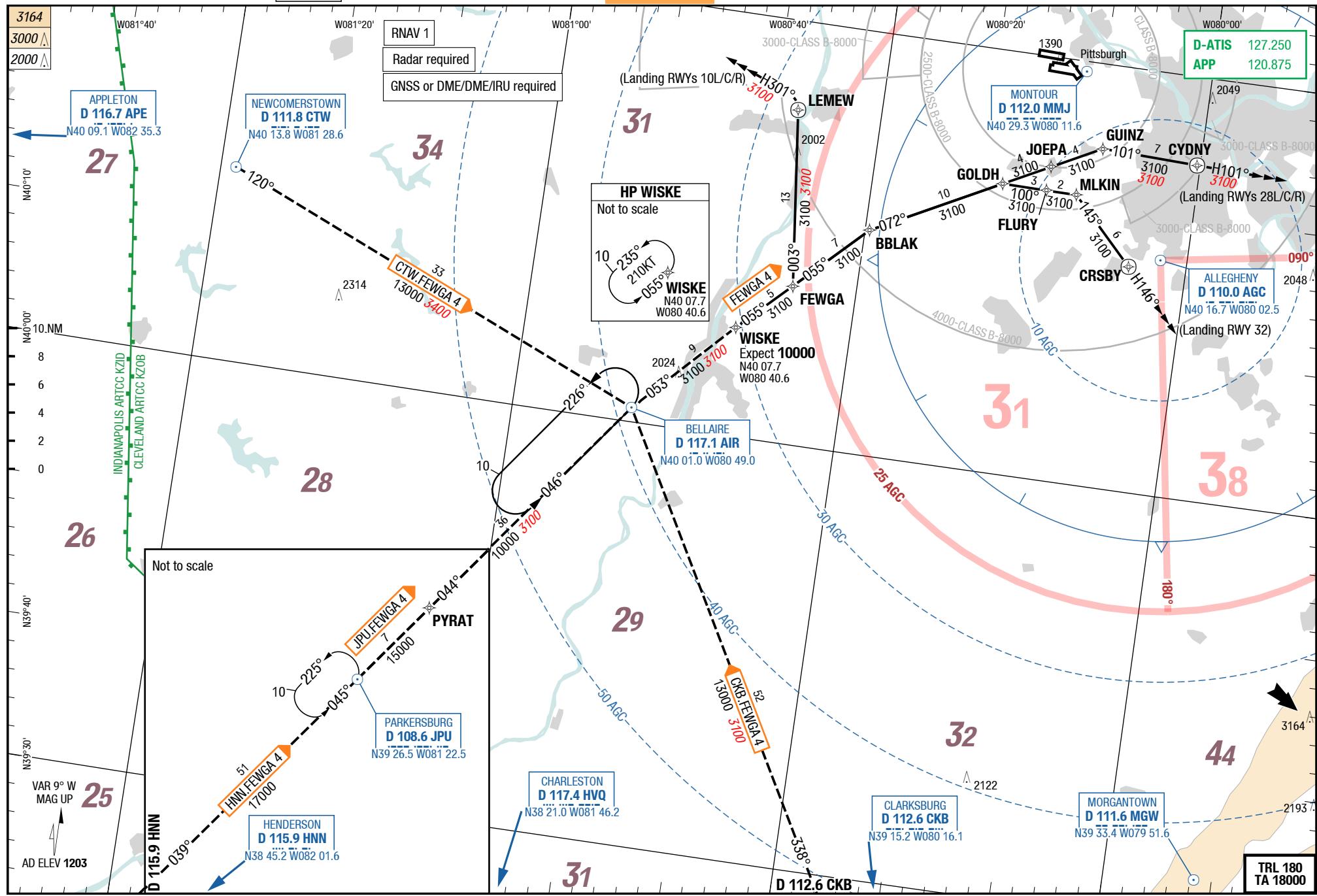
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6-20

FEWGA 4 RNAV

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FEWGA 4 RNAV



Changes: Track, HLDG, Note, OBST, PROC renumbered, VAR

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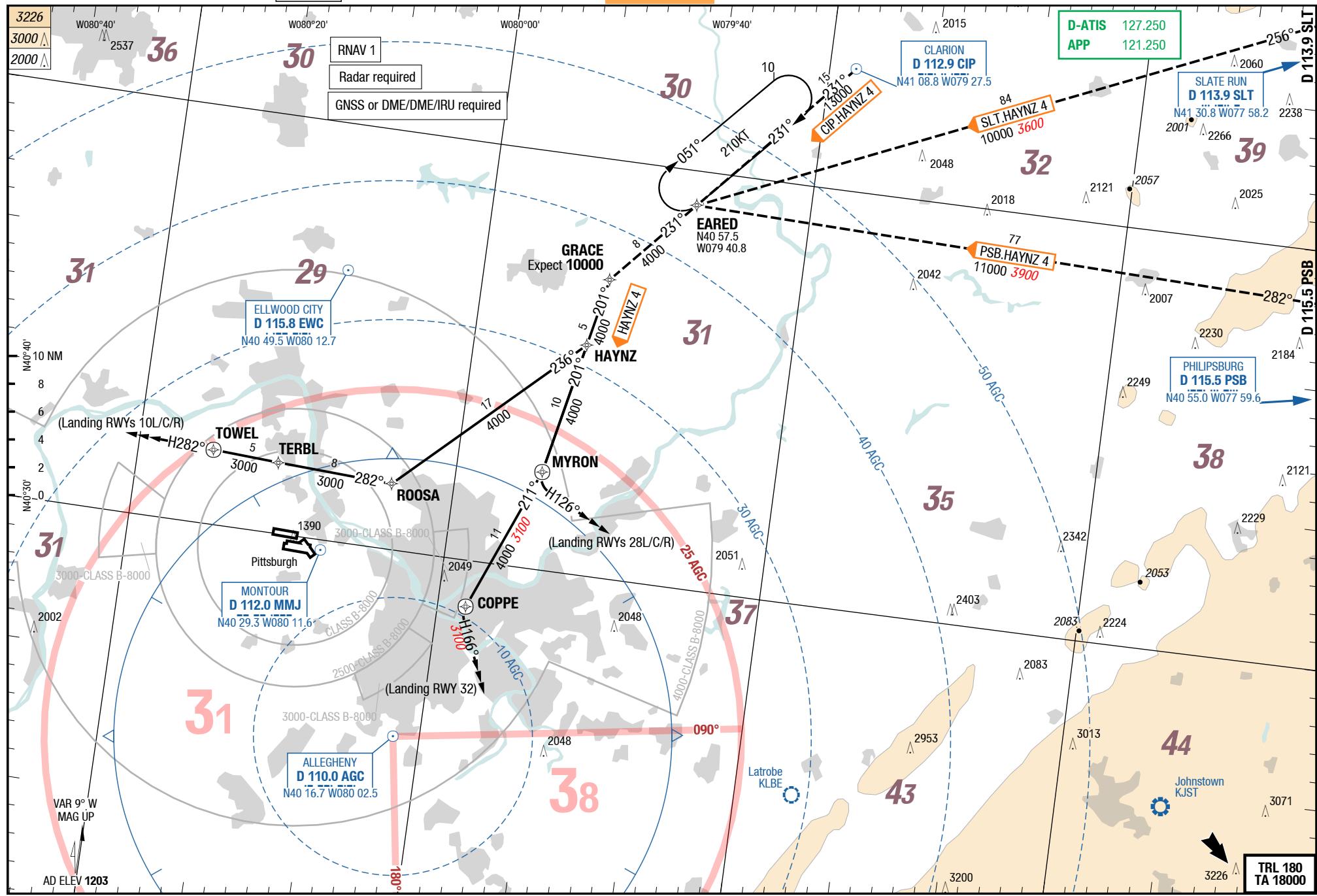
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6-30

HAYNZ 5 RNAV

HAYNZ 5 RNAV



Changes: Track, MSA, HLDG, OBST, PROC renumbered, VAR

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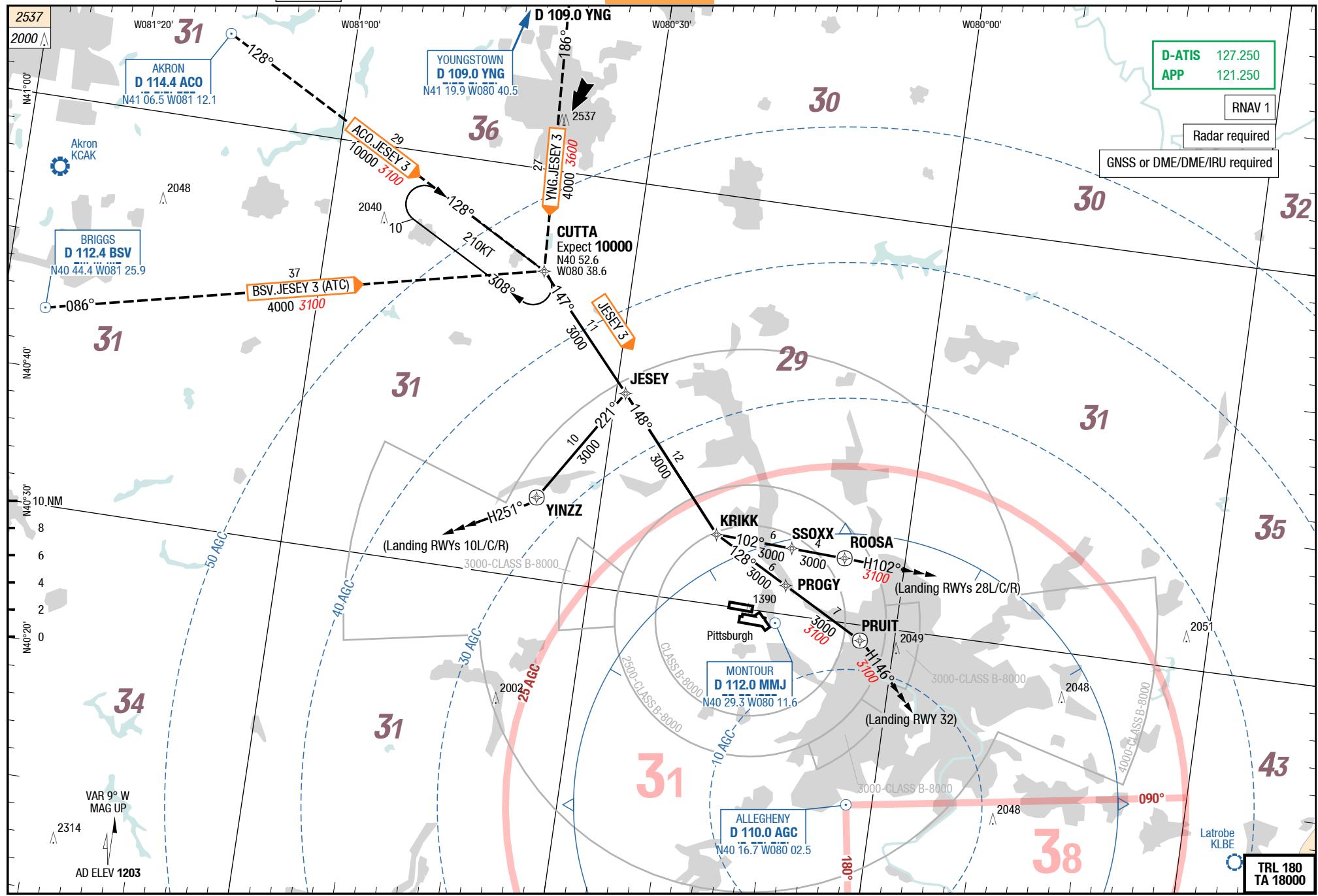
5-40

JESEY 3 RNAV

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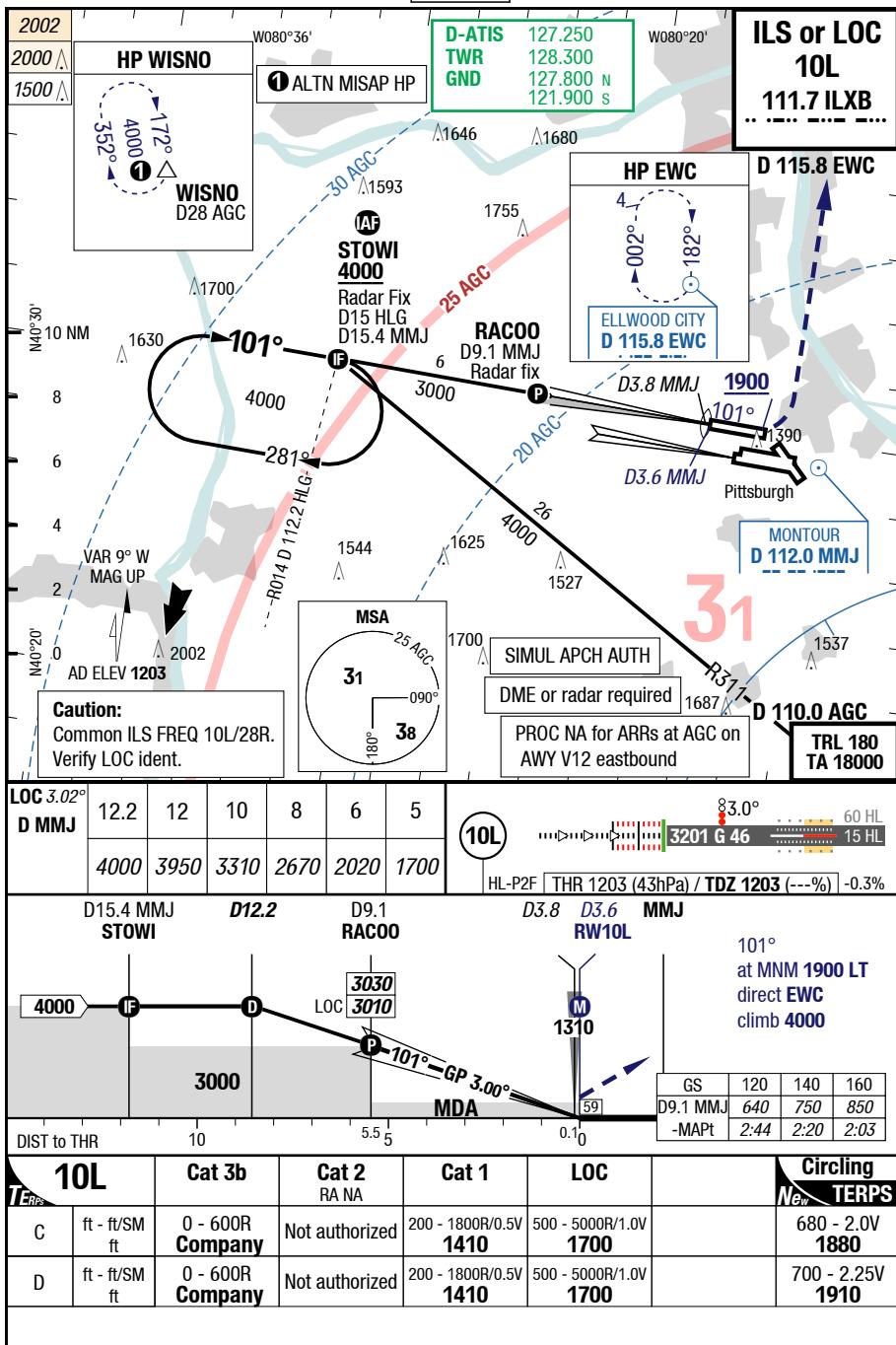


Changes: Track, MSA, VAR, HLDG, OBST, PROC renumbered

PIT-KPIT

7-10

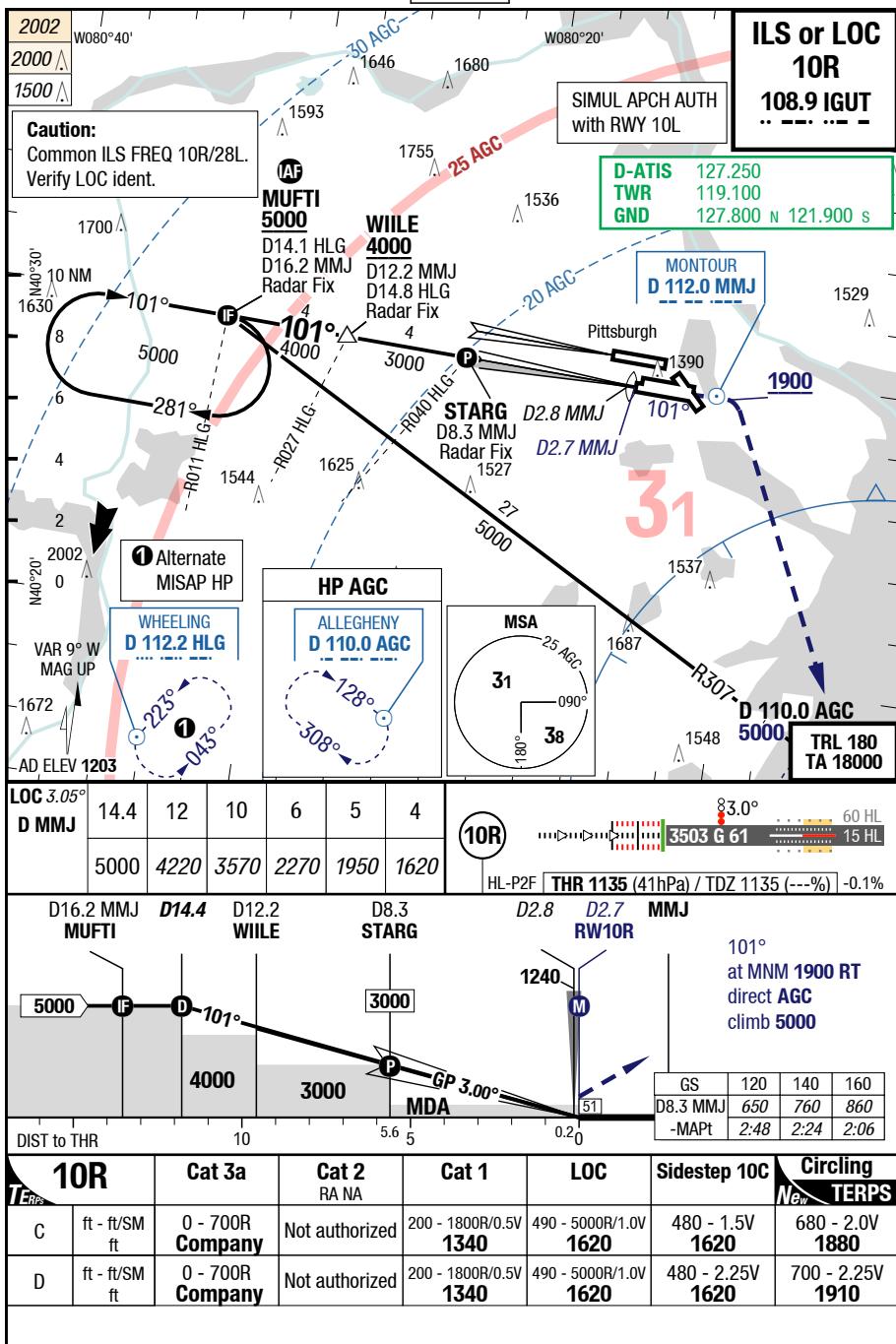
ILS or LOC 10L



PIT-KPIT

7-20

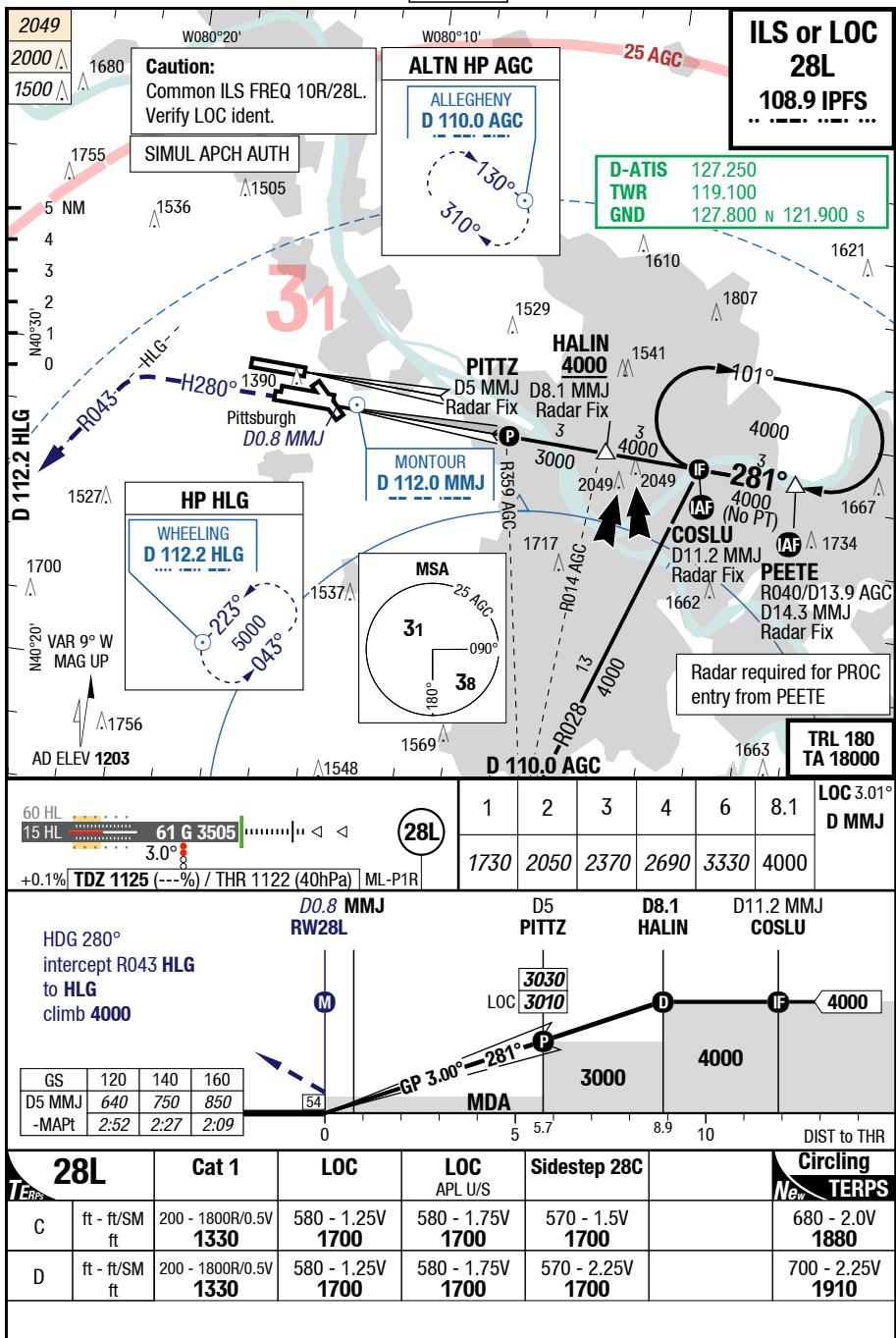
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PIT-KPIT

7-30

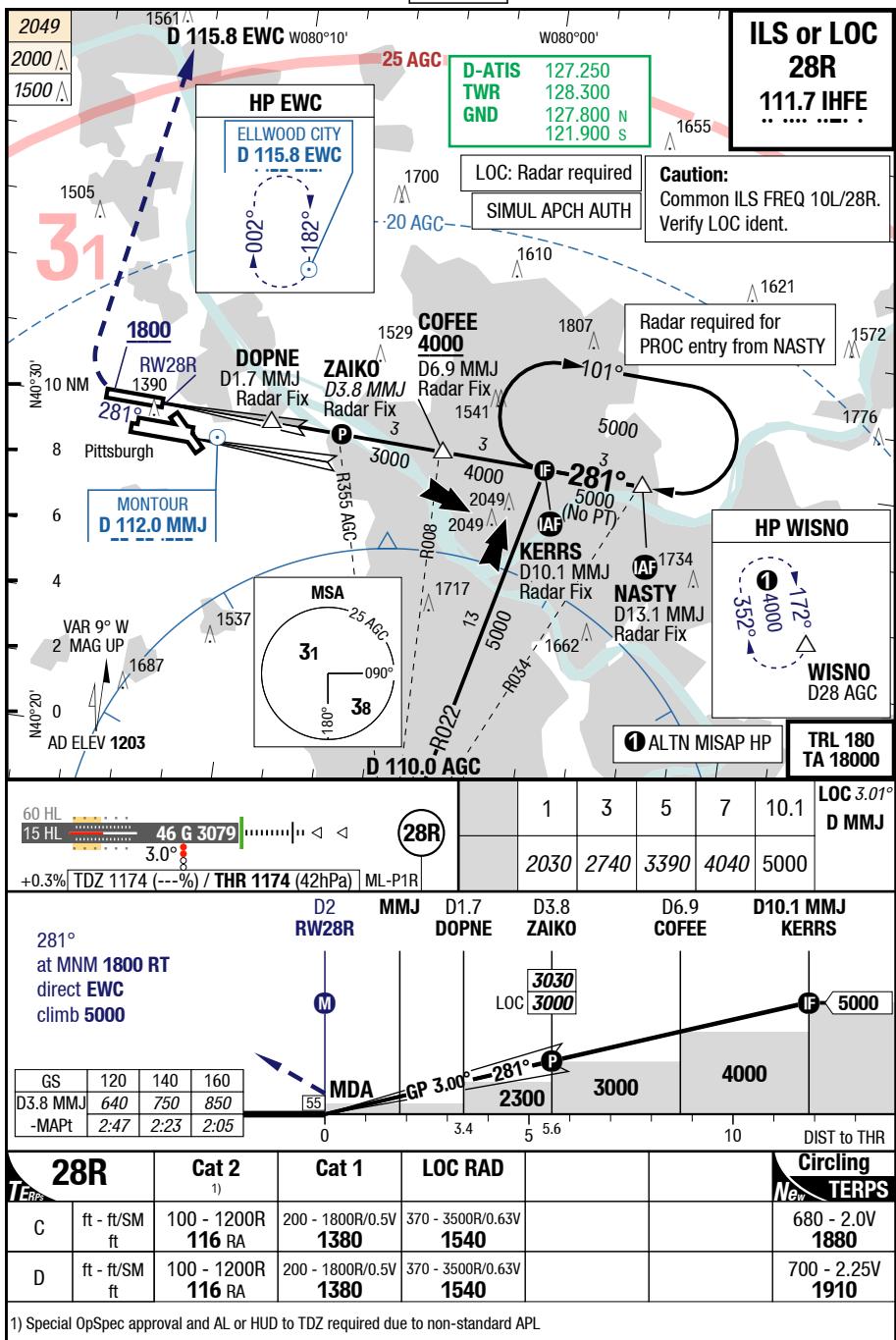
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7-40

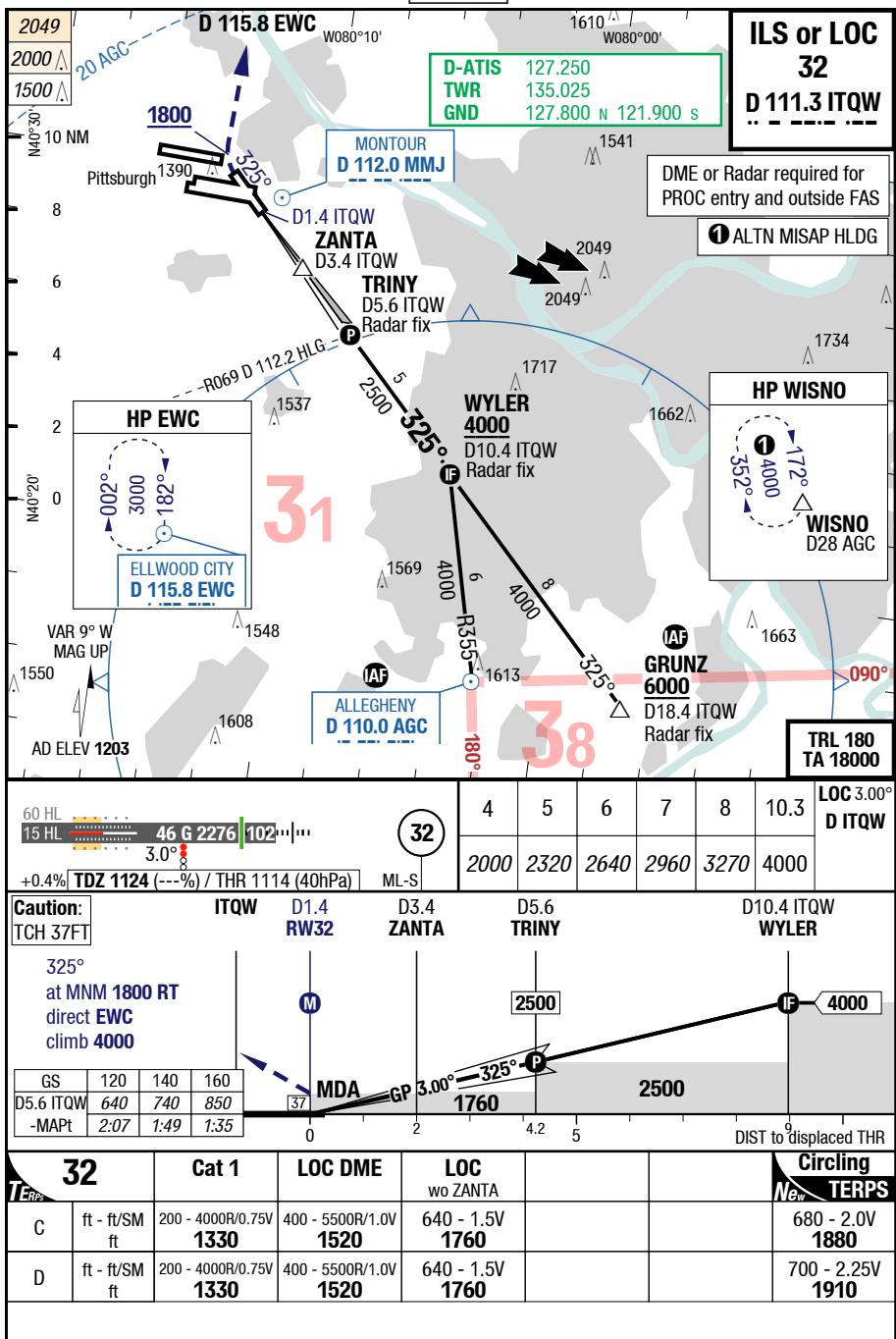
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7-50

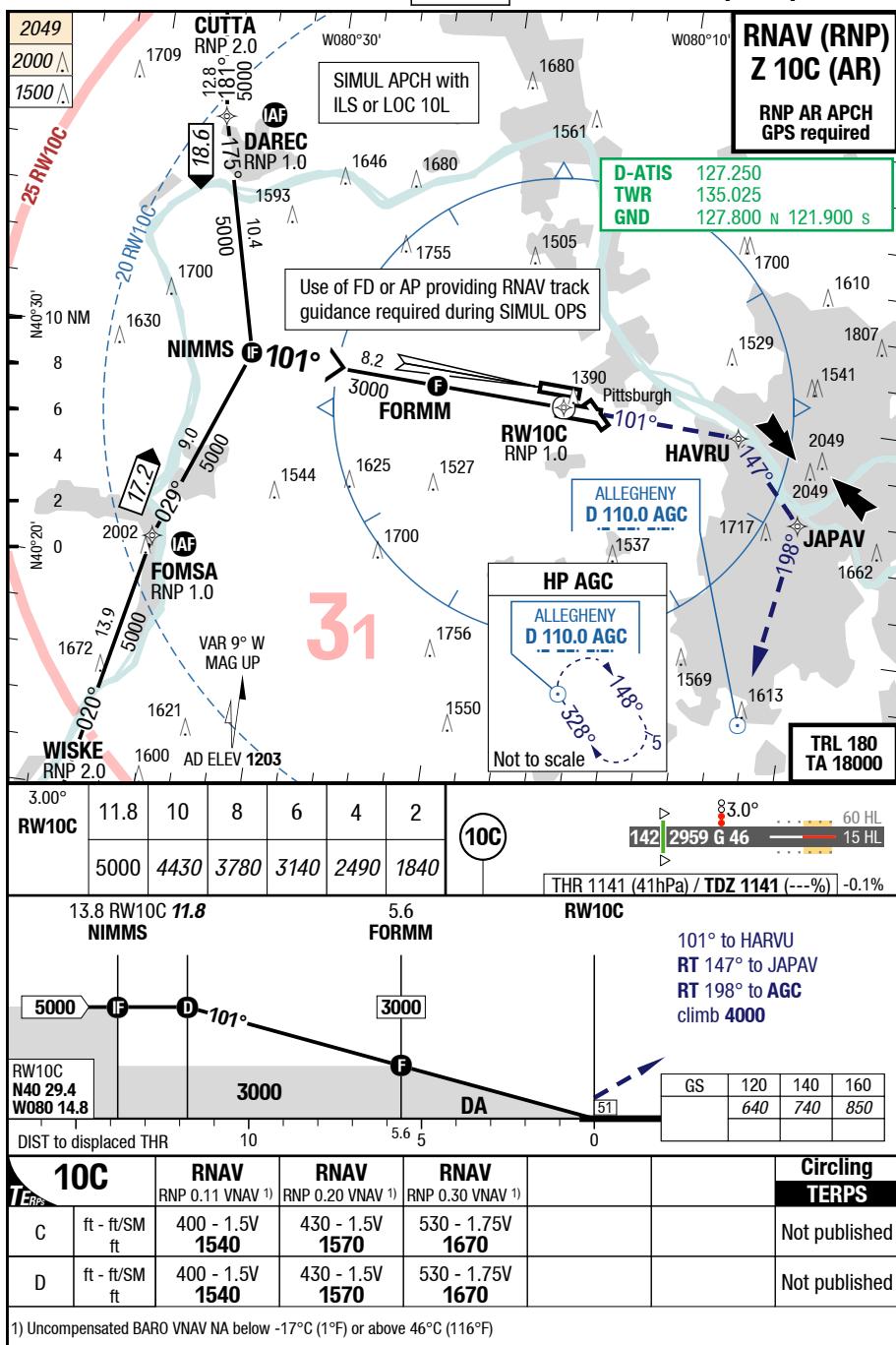
ILS or LOC 32



PIT-KPIT

7-70

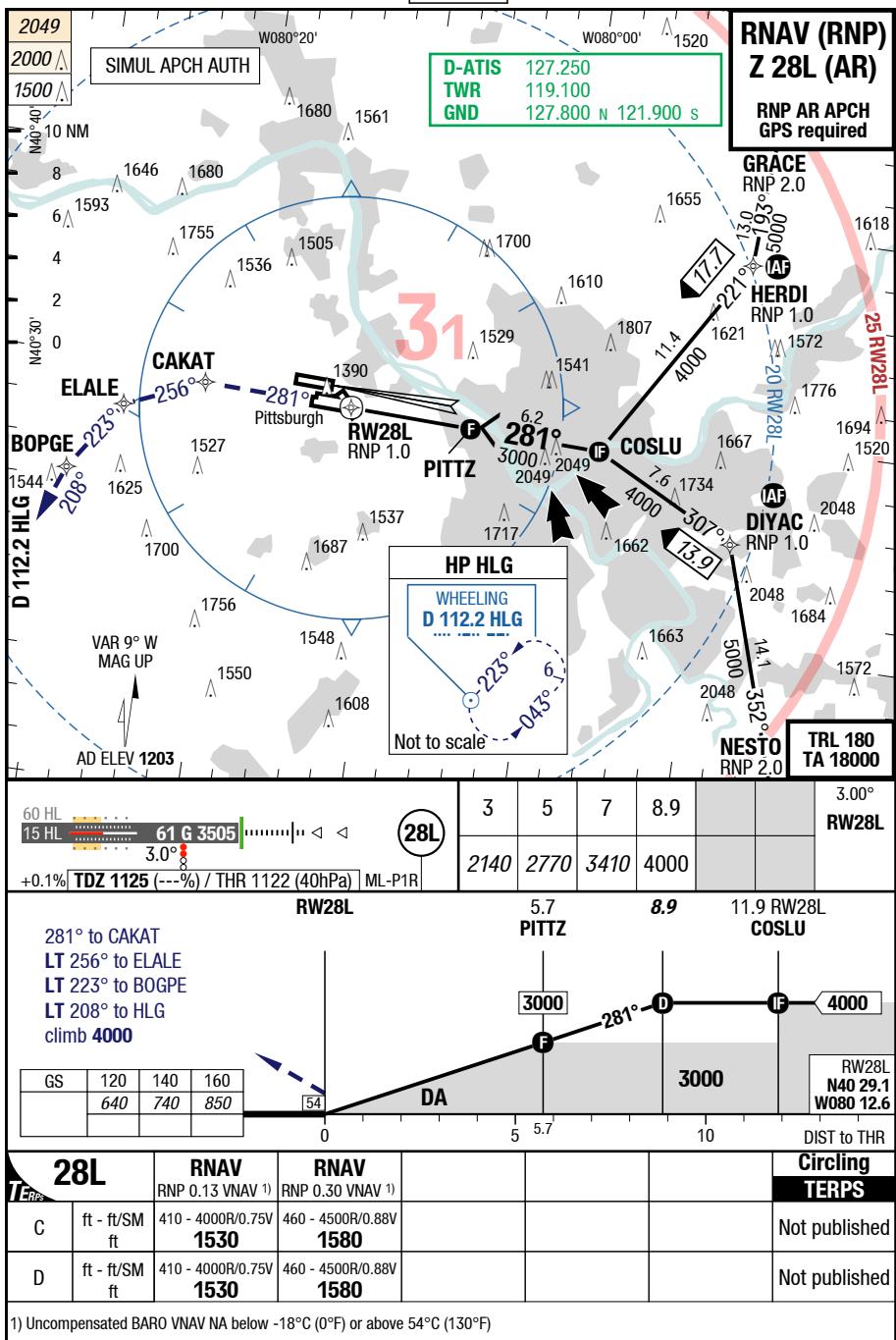
RNAV (RNP) Z 10C



PIT-KPIT

7-90

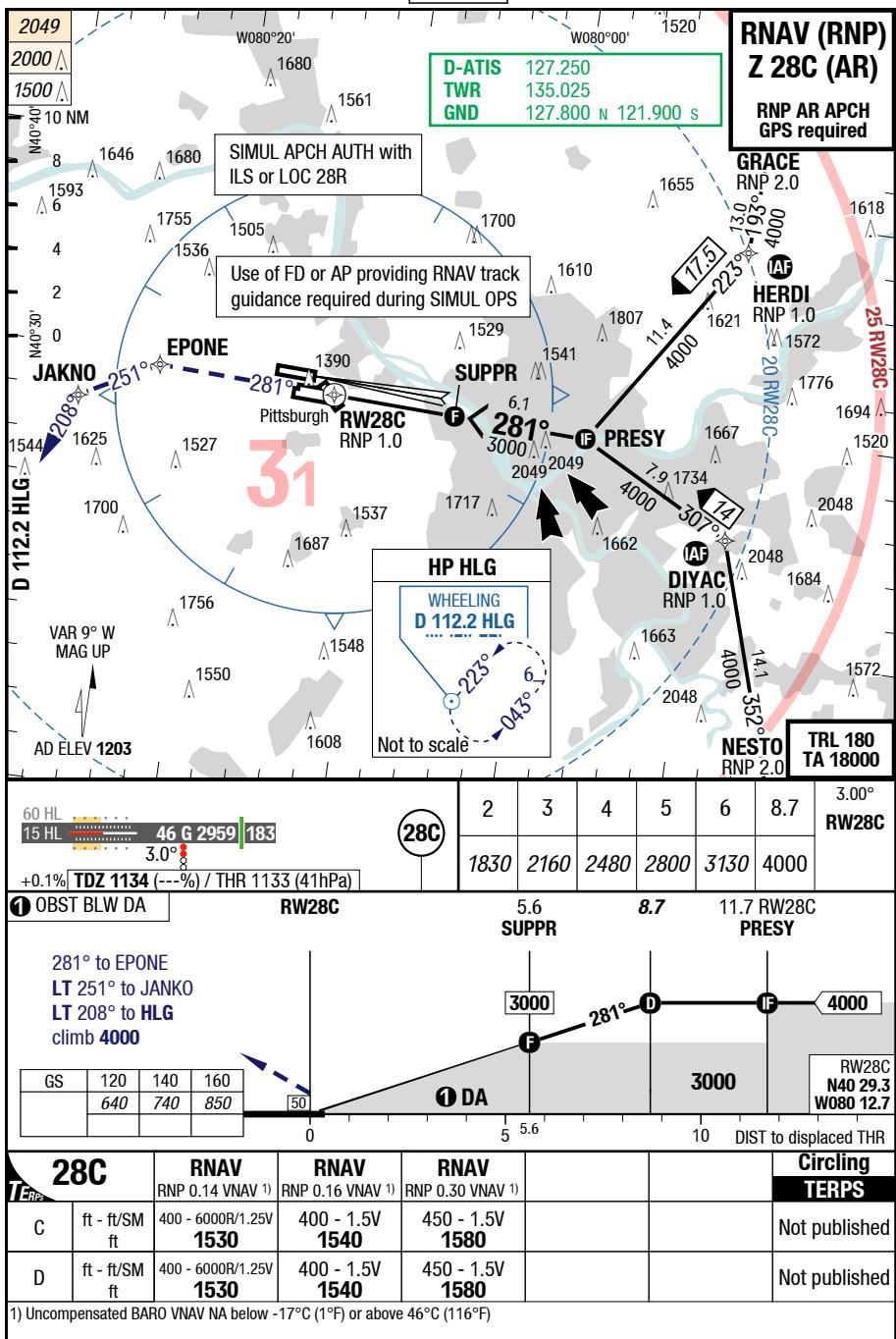
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7-100

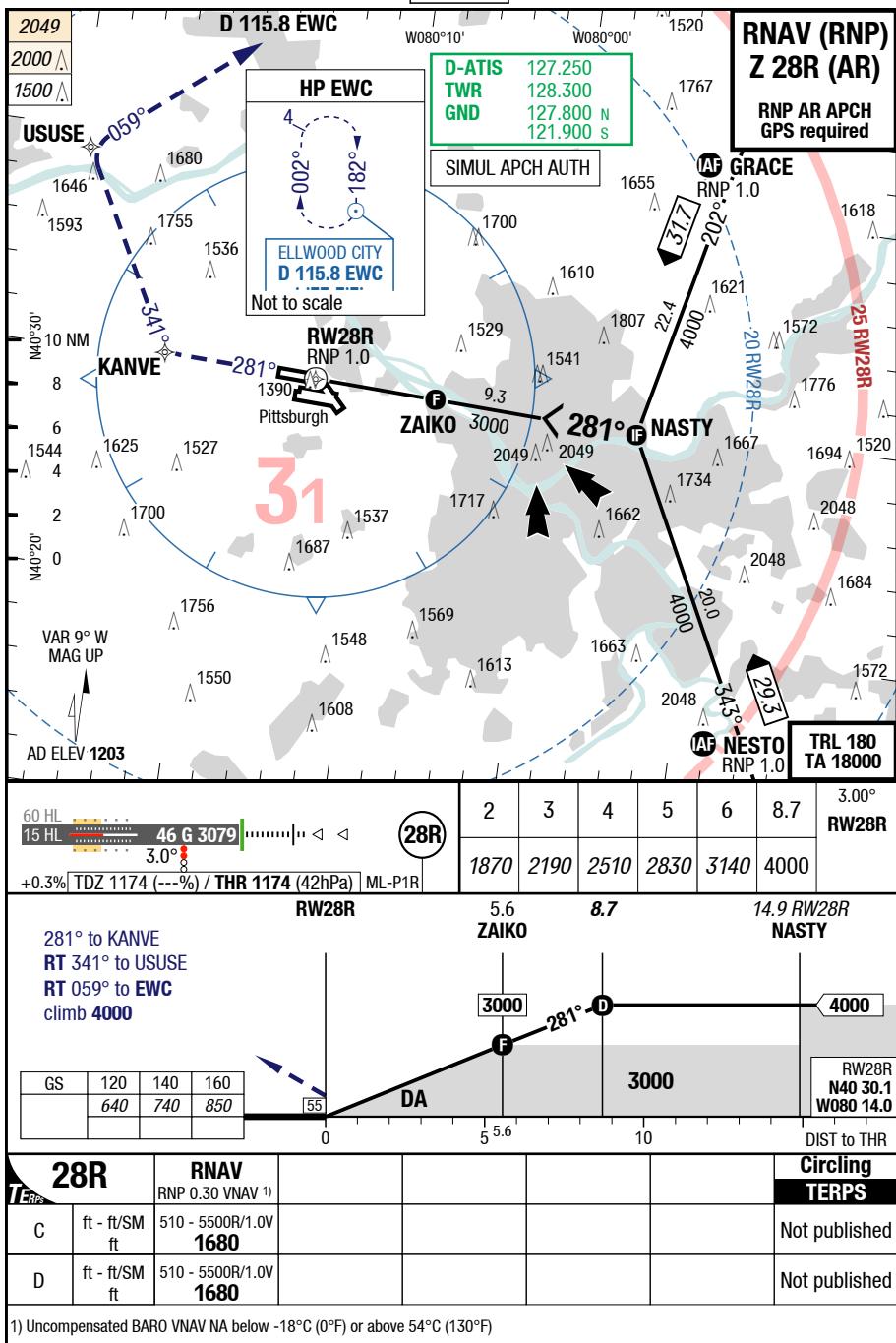
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7-110

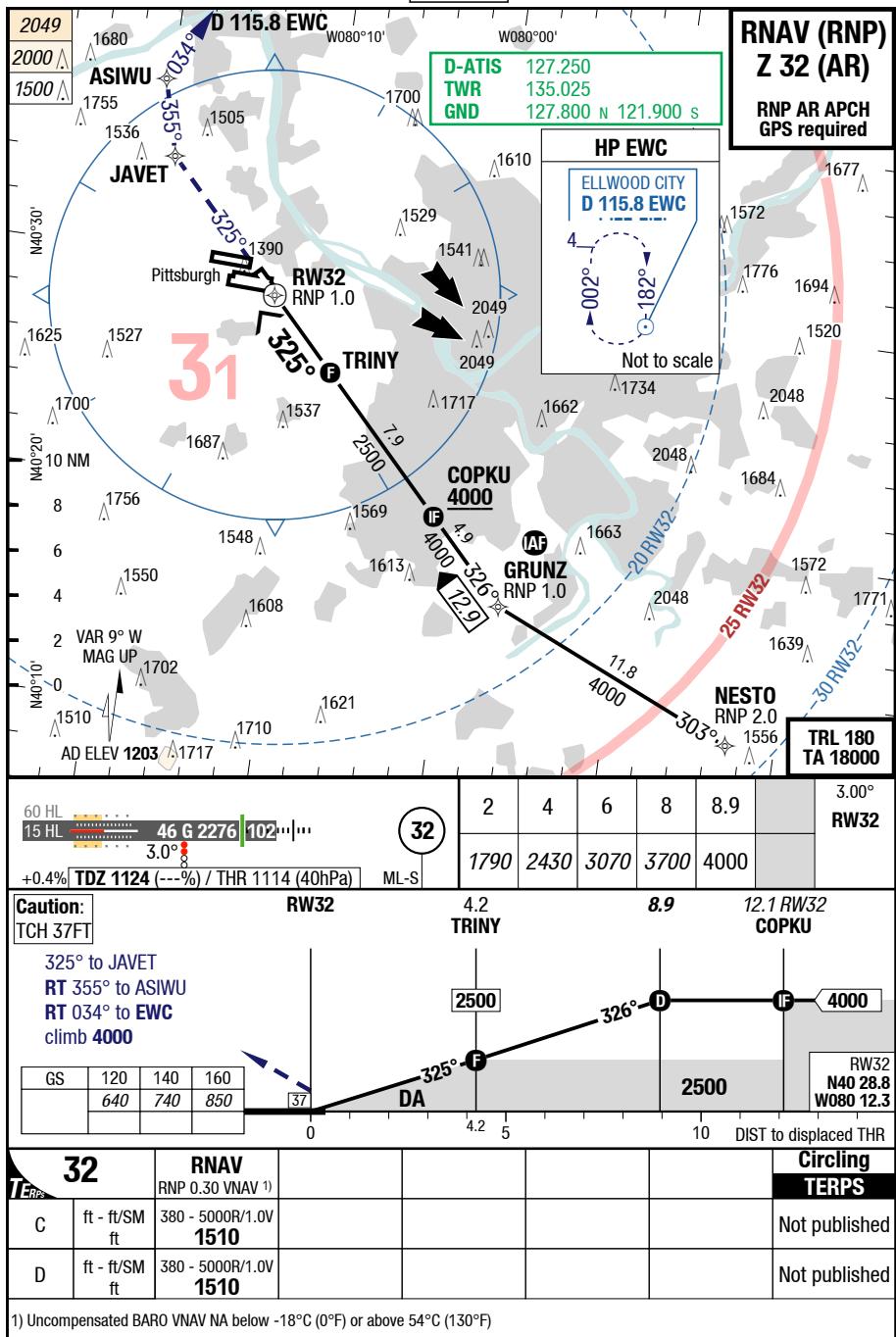
RNAV (RNP) Z 28R



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7-120

RNAV (RNP) Z 32

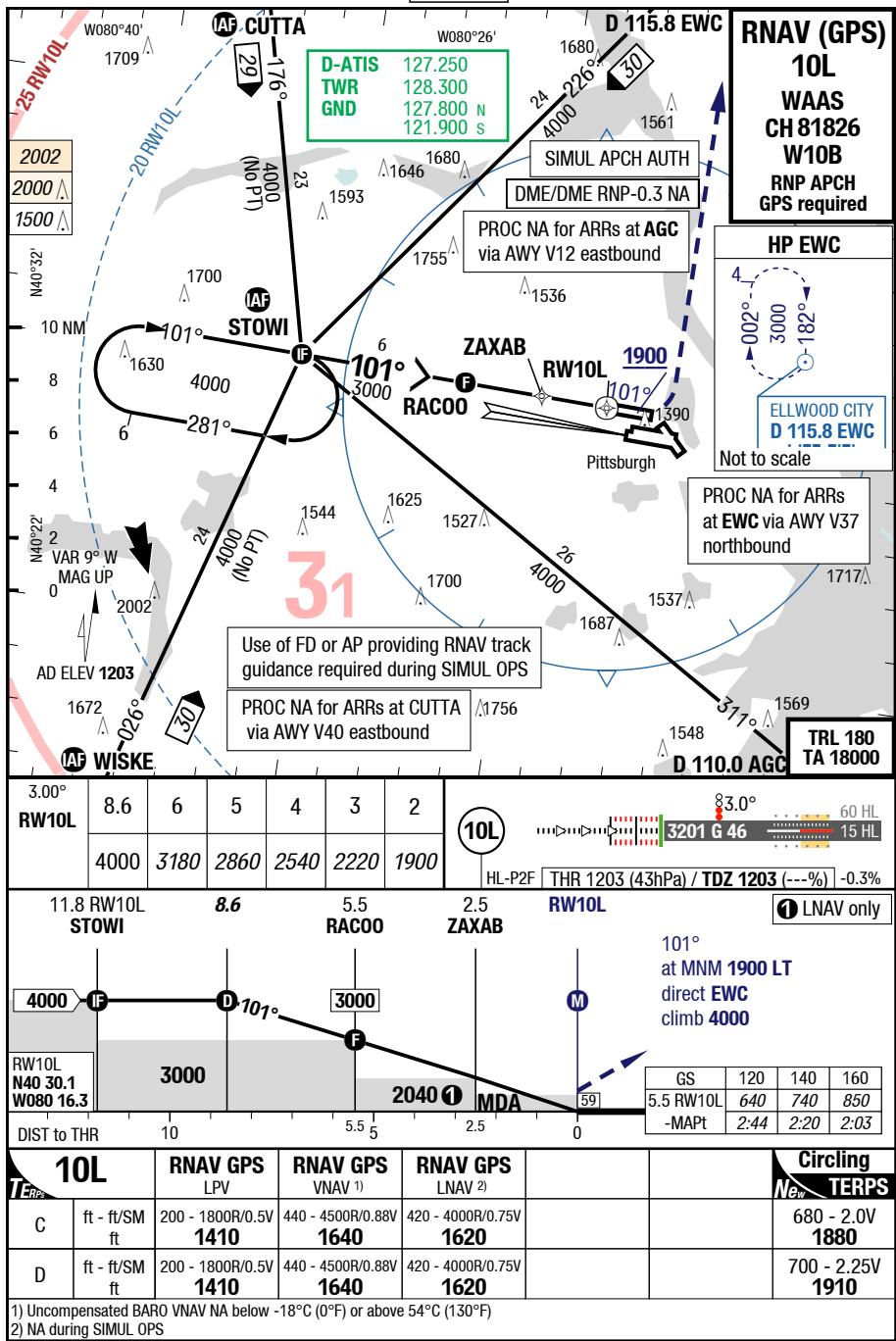


1) Uncompensated BARO VNAV NA below -18°C (0°F) or above 54°C (130°F)

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7-130

RNAV (GPS) 10L

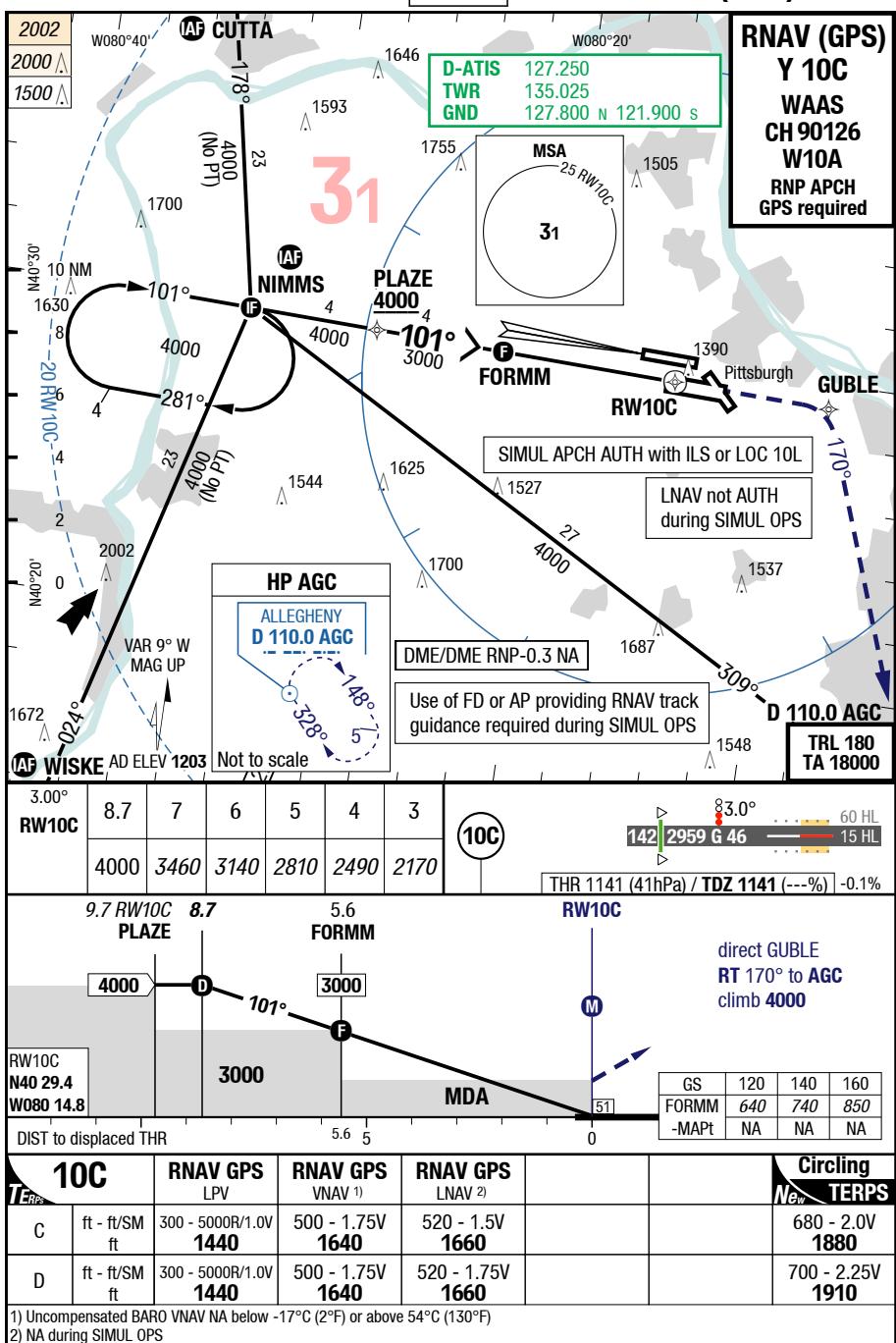


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2) NA during SIMUL OPS

7-140

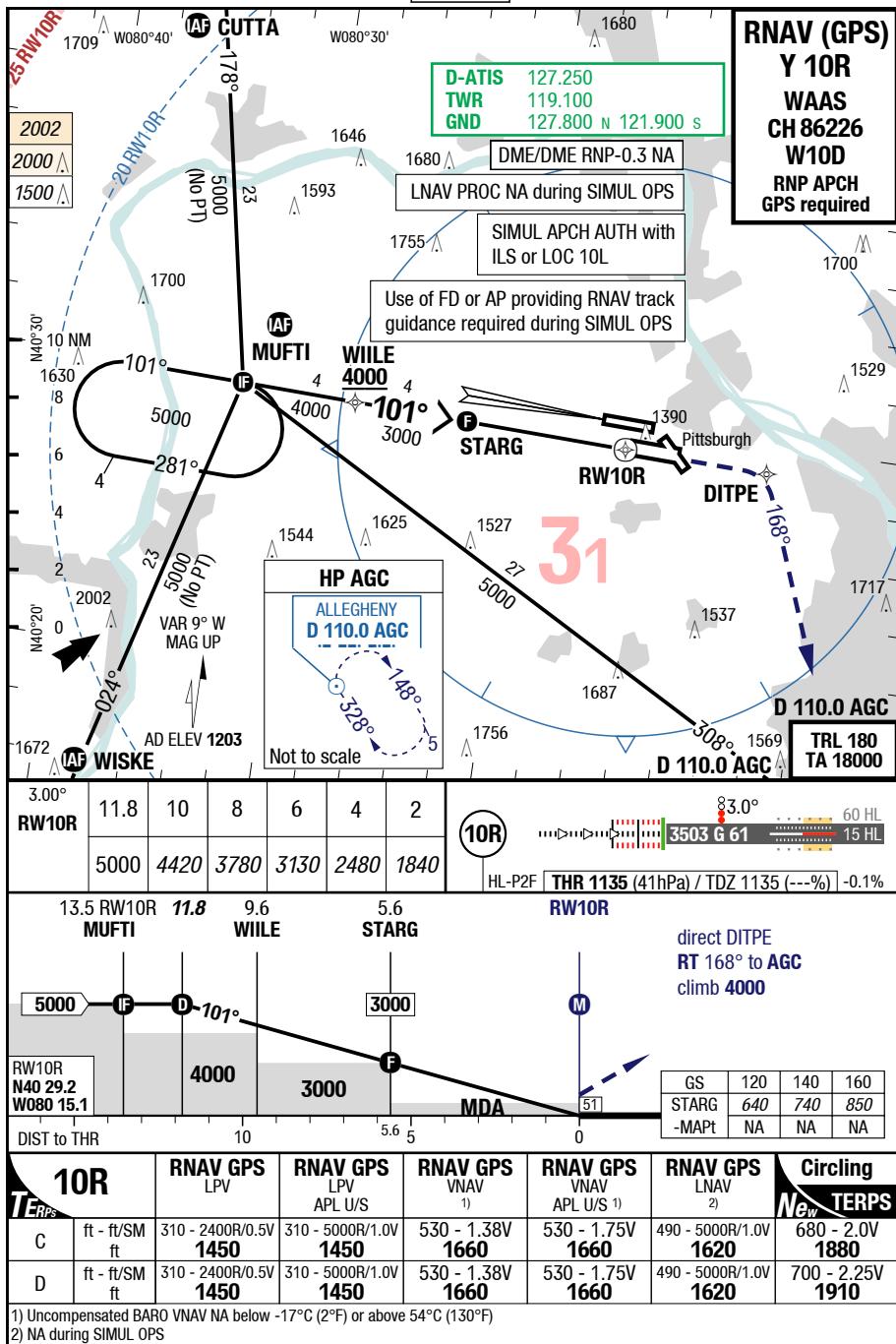
RNAV (GPS) Y 10C



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7-150

RNAV (GPS) Y 10R



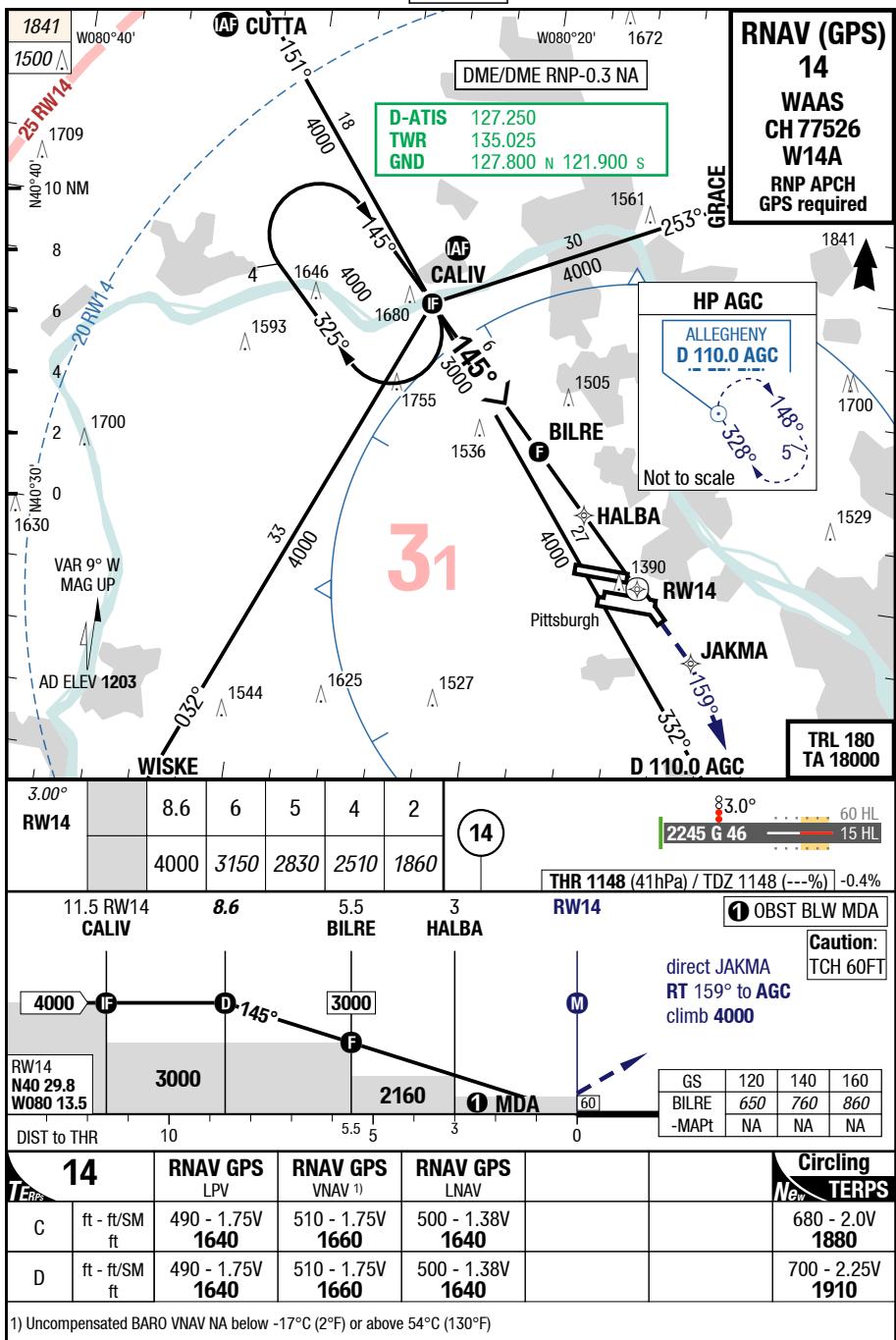
1) Uncompensated BABO VNAV NA below -17°C (2°F) or above 54°C (130°F)

?) uncompensated BAN

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7-160

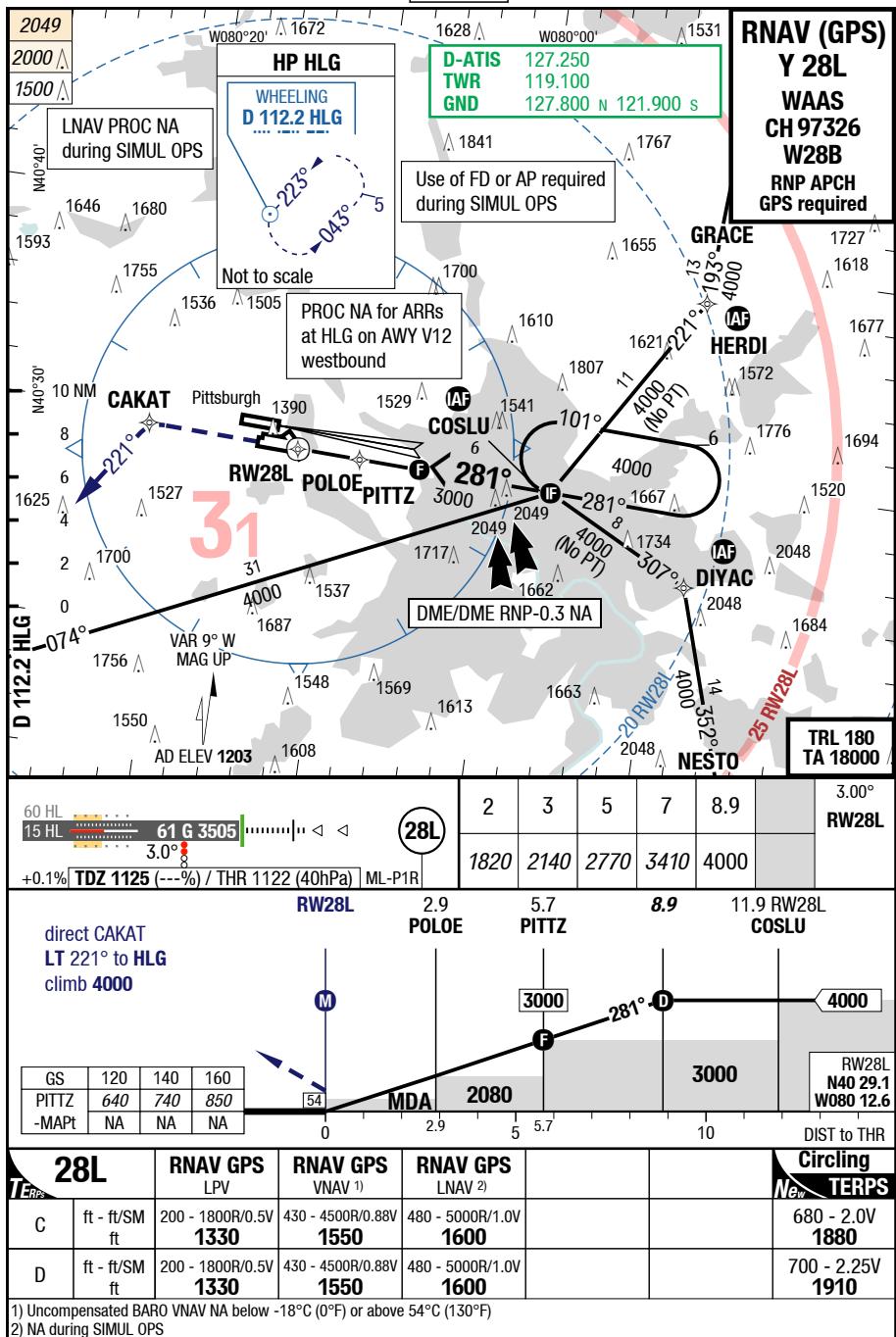
RNAV (GPS) 14



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7-170

RNAV (GPS) Y 28L



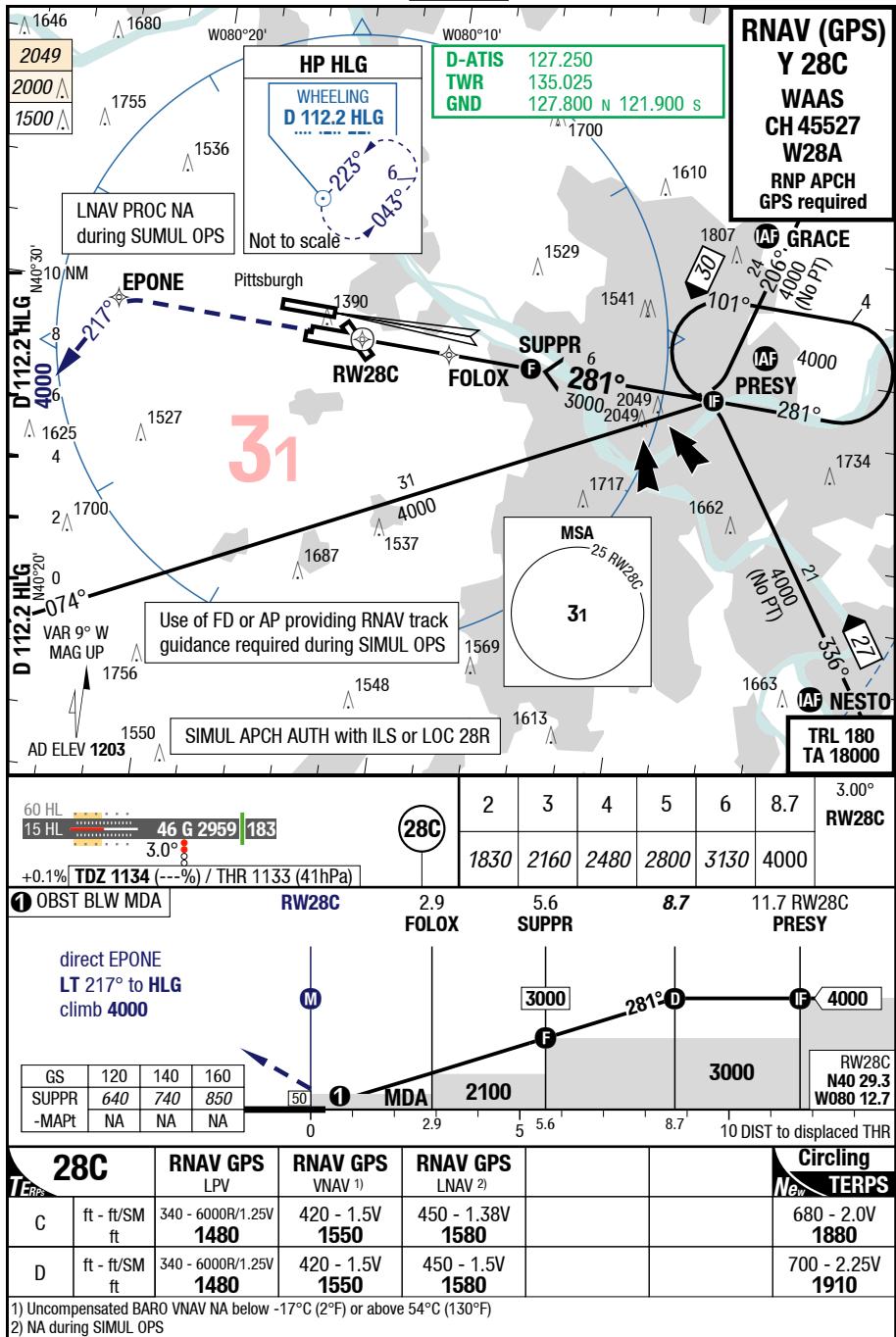
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2) NA during SIMUL OPS

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7-180

RNAV (GPS) Y 28C



1) Uncompensated BABO VNAV NA below -17°C (2°F) or above 54°C (130°F)

2) NA during SIMUL OPS

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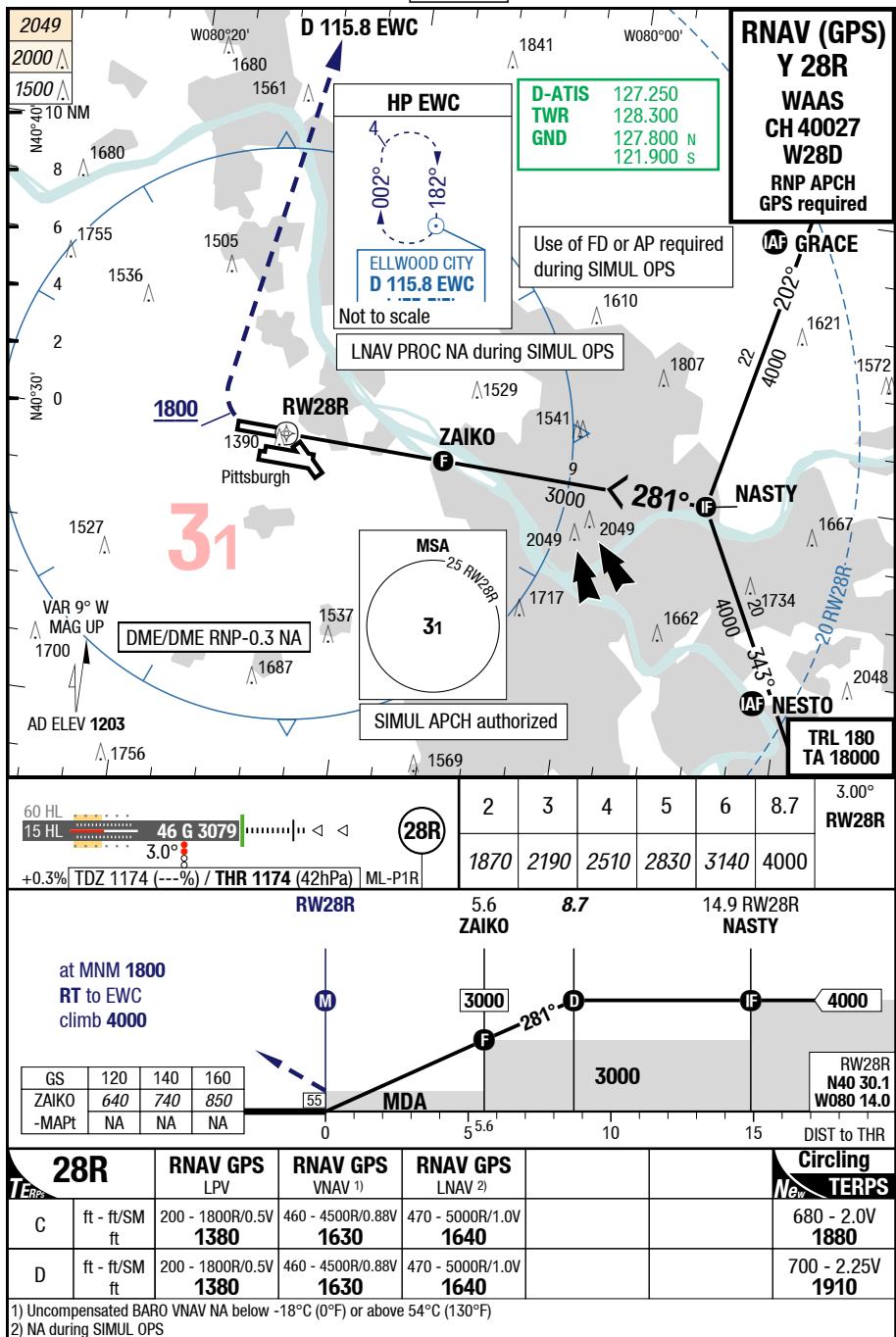
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7-190

RNAV (GPS) Y 28R



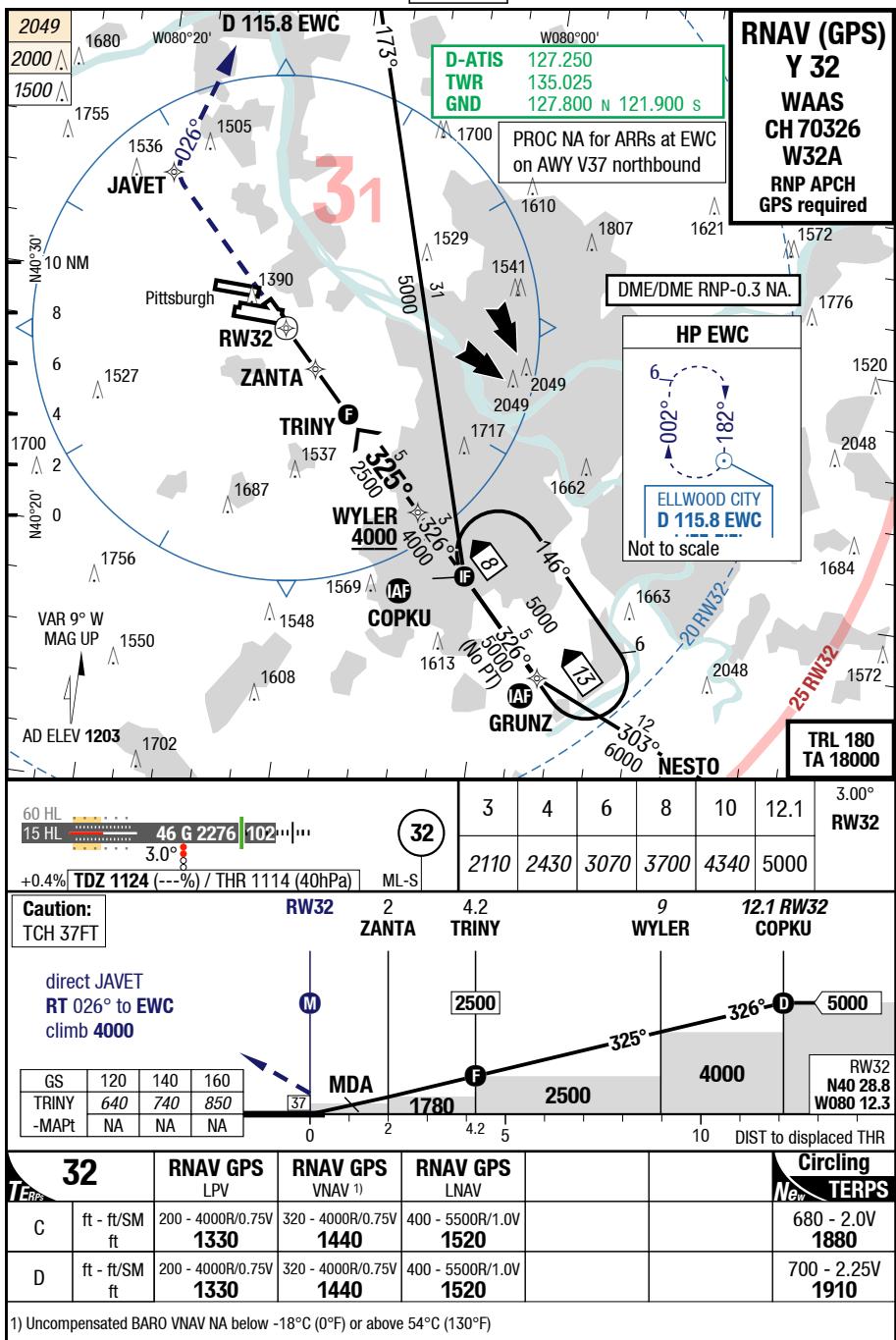
1) Uncompensated BABO VNAV NA below -18°C (0°F) or above 54°C (130°F)

?) uncompensated BARO
?) NA during SIMUL OPS

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7-200

RNAV (GPS) Y 32



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7-210

WxMinima Overflow

10R <i>TE_{RPs}</i>		RNAV RNP 0.30 VNAV APL U/S ¹⁾					
C	ft - ft/SM ft	610 - 2.5V 1750					
D	ft - ft/SM ft	610 - 2.5V 1750					

1) Uncompensated BARO VNAV NA below -17°C (1°F) or above 46°C (116°F)