

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.

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

12-JUL-2018

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AGC
AFC

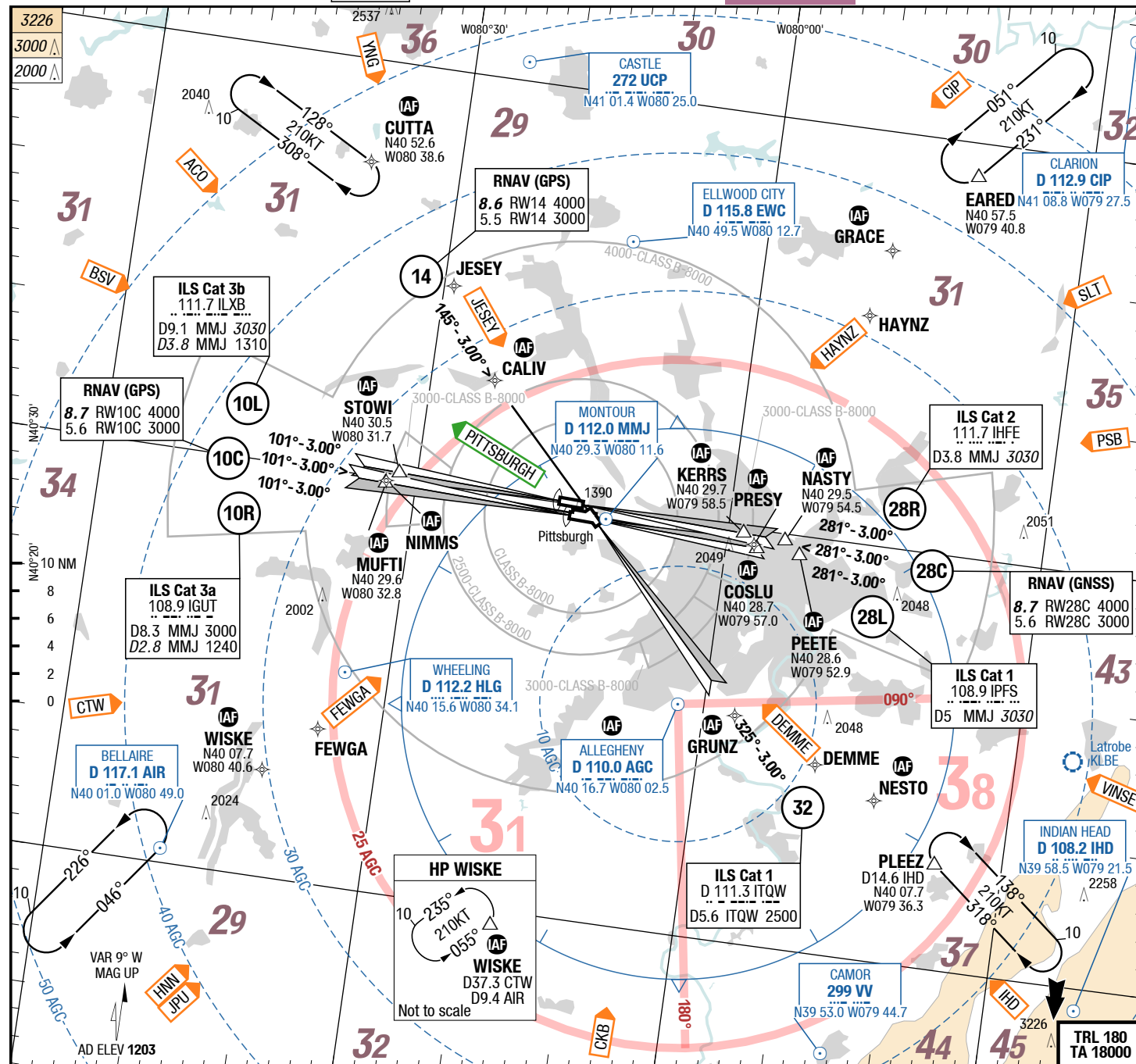
AFC

AFC

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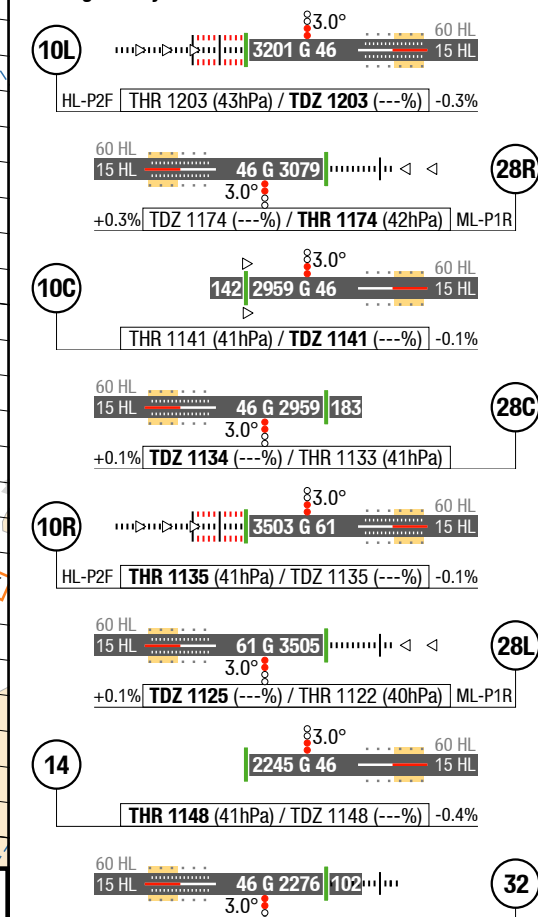
AGC
AFC

2-10

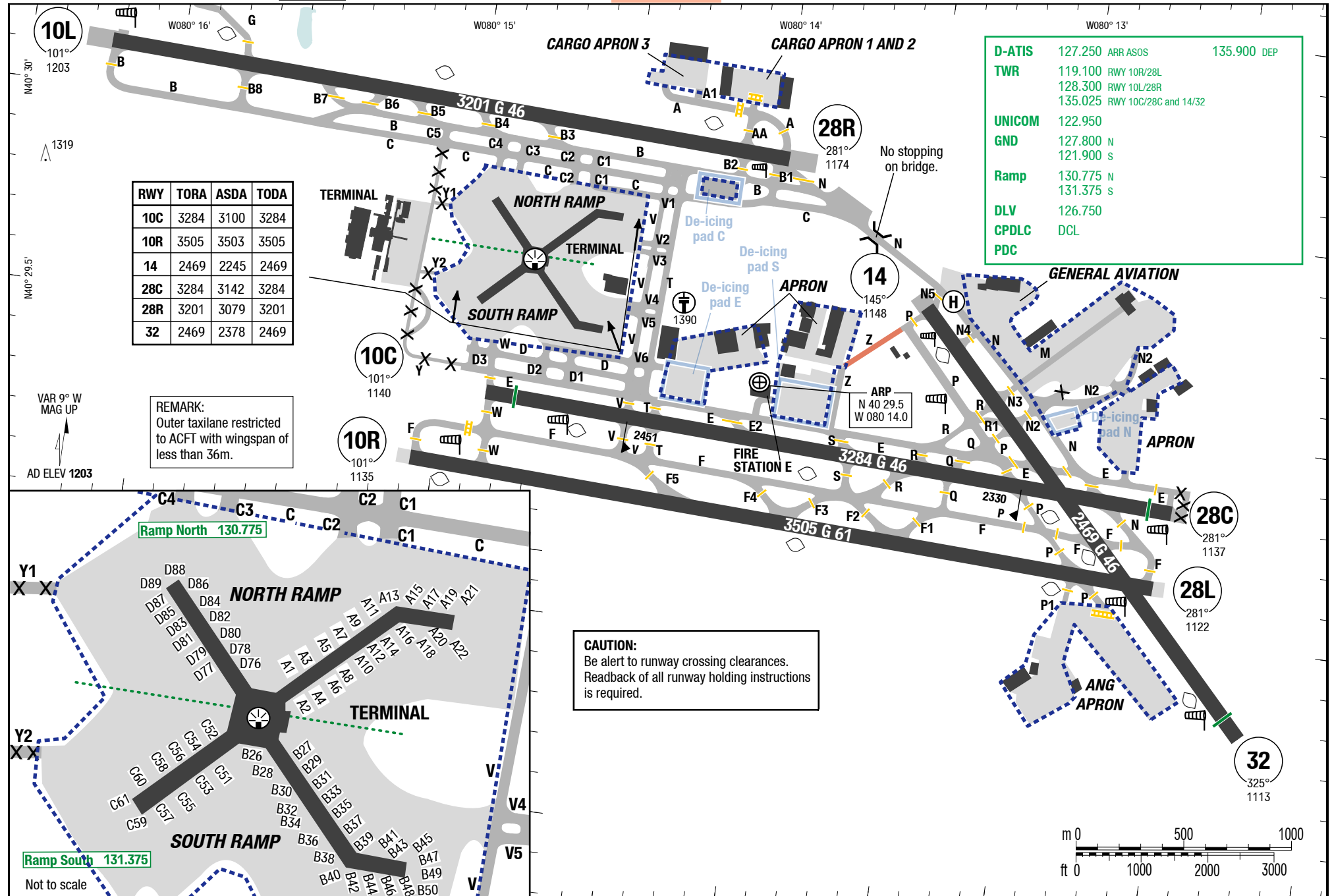


D-ATIS 127.250 ARR ASOS 135.900 DEP
APP 124.150 001°-090° 123.950 091°-180°
133.700 181°-270° 121.250 271°-360°
120.875
DEP 124.750 N 119.350 S
125.275
TWR 119.100 RWY 10R/28L 128.300 RWY 10L/28R
135.025 RWY 10C/28C and 14/32
UNICOM 122.950
GND 127.800 N 121.900 S
Ramp 130.775 N 131.375 S
DLV 126.750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

Landing RWY system:



Changes: FREQ



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

Effective 24-MAY-2018

17-MAY-2018

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LVC

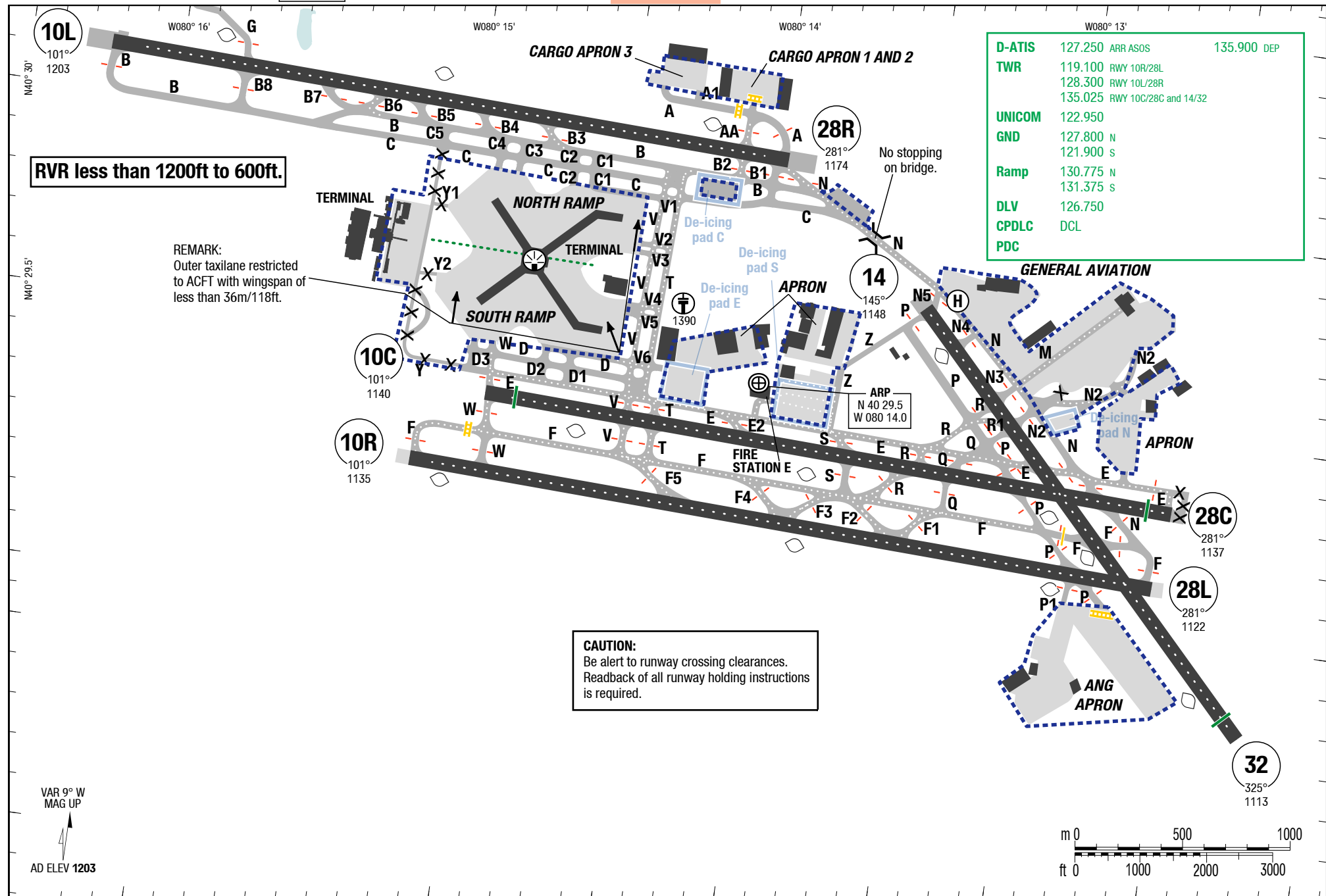
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LVC

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LVC

3-40



Changes: APN, Non-Movement area, BLDG, Deicing

06-SEP-2018

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4-10

PITTSBURGH 4

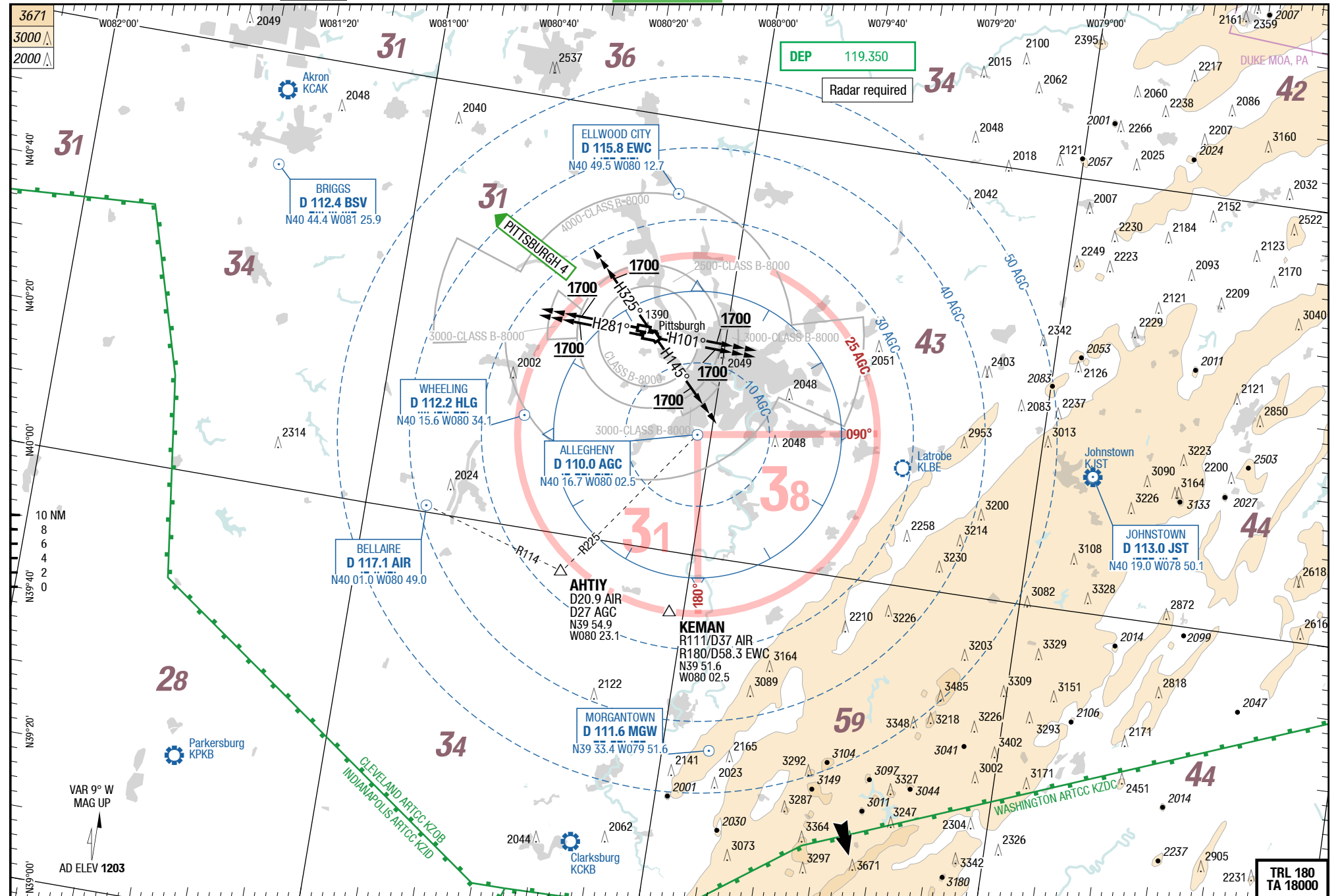
SID

SID

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NIL

PITTSBURGH 4



Changes: Navaid , WPT , OBST, PROC renumbered

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5-10

PITTSBURGH 4**PITTSBURGH 4**

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

DESIGNATOR	ROUTING	ALTITUDES
PITTSBURGH 4 PIT 4 124.750 ①②		initial climb 4000 (PROP) initial climb 5000 (JET)
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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5-30

Obstacle Departure 1

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	<p>Vertical structures beginning 24ft from DER, 5ft right of centerline, up to 2ft AGL/ 1175ft MSL.</p> <p>Vertical structures beginning 24ft from DER, 4ft left of centerline, up to 2ft AGL/ 1175ft MSL.</p> <p>Aircraft on ramps beginning 199ft from DER, 250ft right of centerline, up to 64ft AGL/1232ft MSL.</p> <p>Tree 1380ft from DER, 724ft left of centerline, 70ft AGL/1229ft MSL.</p> <p>Trees beginning 1386ft from DER, 672ft left of centerline, up to 1233ft MSL.</p> <p>Tower 4175ft from DER, 863ft left of centerline, 112ft AGL/1282ft MSL.</p> <p>Water tower 1.0NM from DER, 1786ft right of centerline, 200ft AGL/1340ft MSL.</p>
10C	<p>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.</p>

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5-40

Obstacle Departure 2

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.

Obstacle Departure	
RWY	Notes
32	<p>Vertical structures beginning 10ft from DER, 54ft right of centerline, up to 2ft AGL/1149ft MSL.</p> <p>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.</p> <p>Aircraft on TWY 1372ft from DER, 8ft right of centerline, 64ft AGL/1214ft MSL.</p> <p>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.</p>

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FEWGA 4 RNAV

DEMME 3 RNAV

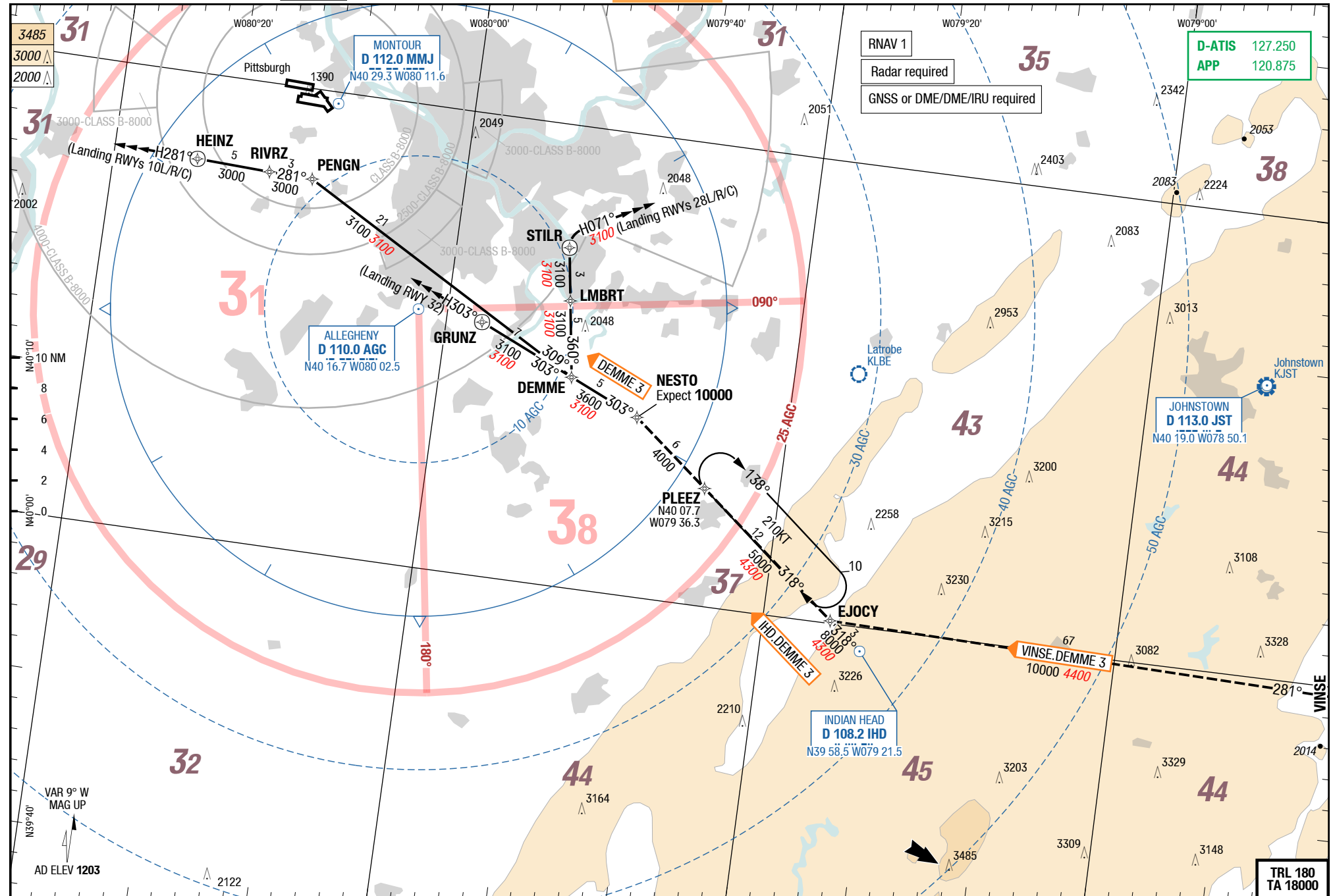
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FEWGA 4 RNAV

DEMME 3 RNAV

6-10



Changes: MSA, VAR, OBST, PROC renumbered

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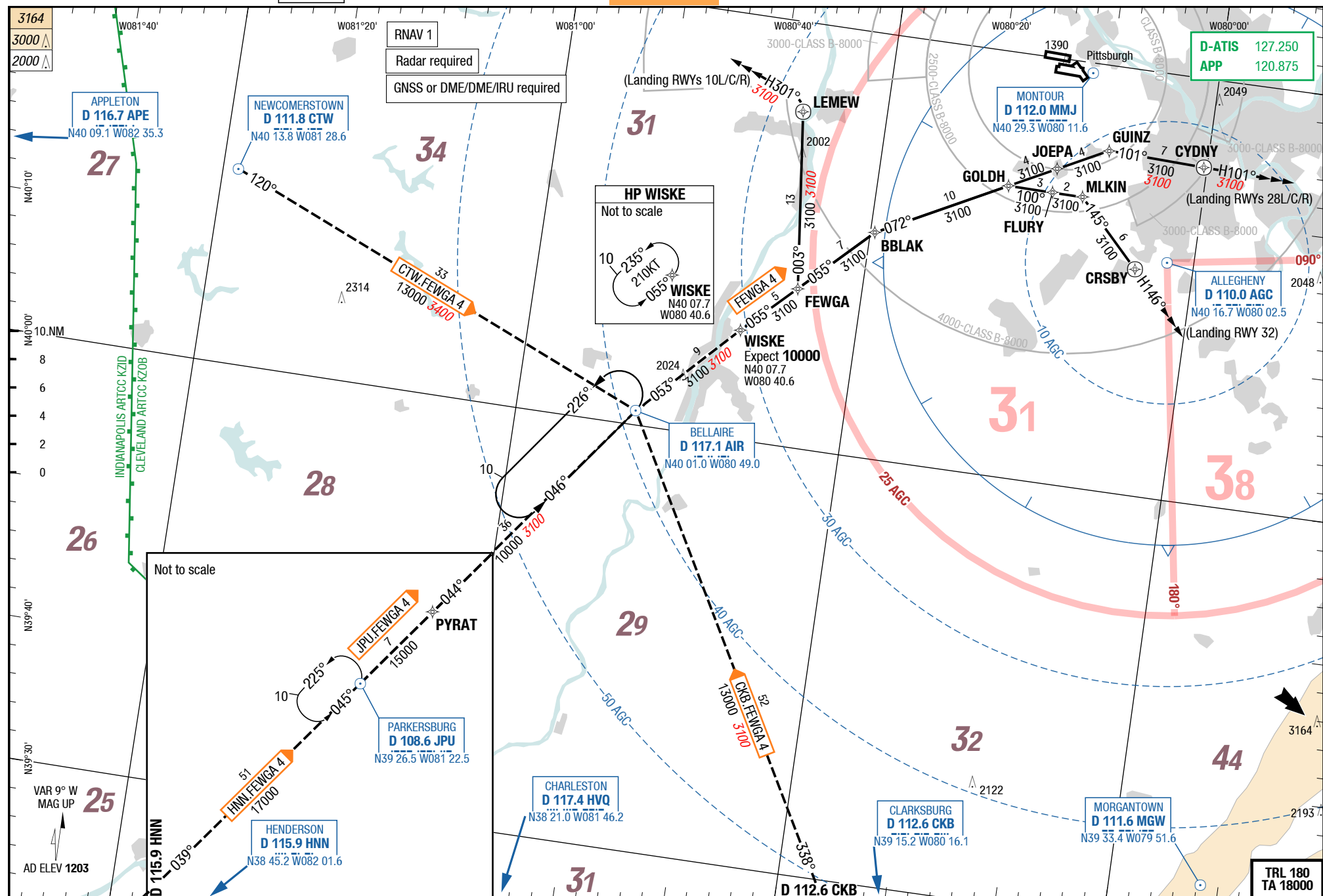
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6-20

FEWGA 4 RNAV

FEWGA 4 RNAV



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

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25-JAN-2018

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JESZY 3 RNAV

6-30

HAYNZ 5 RNAV

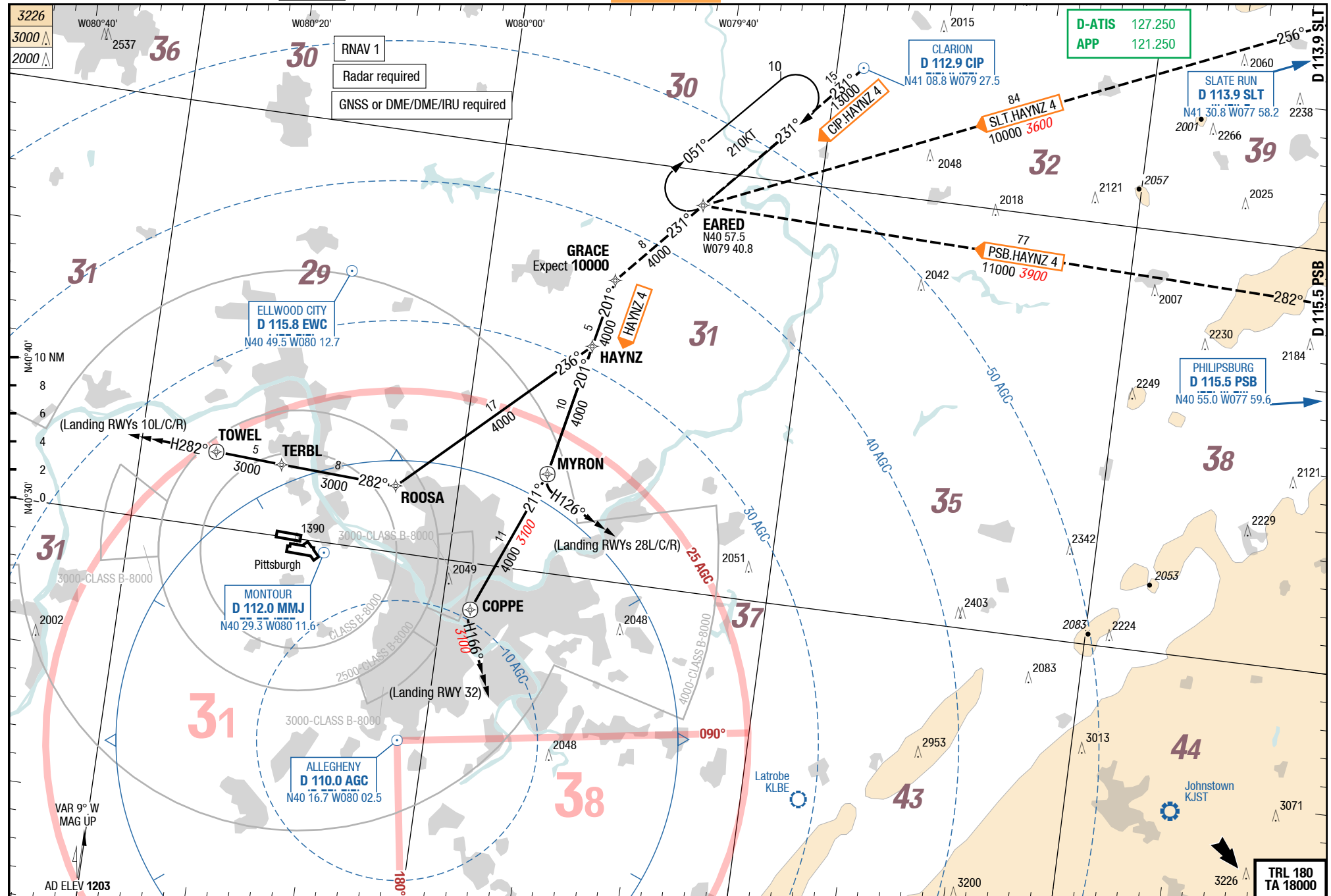
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JESZY 3 RNAV

HAYNZ 5 RNAV



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

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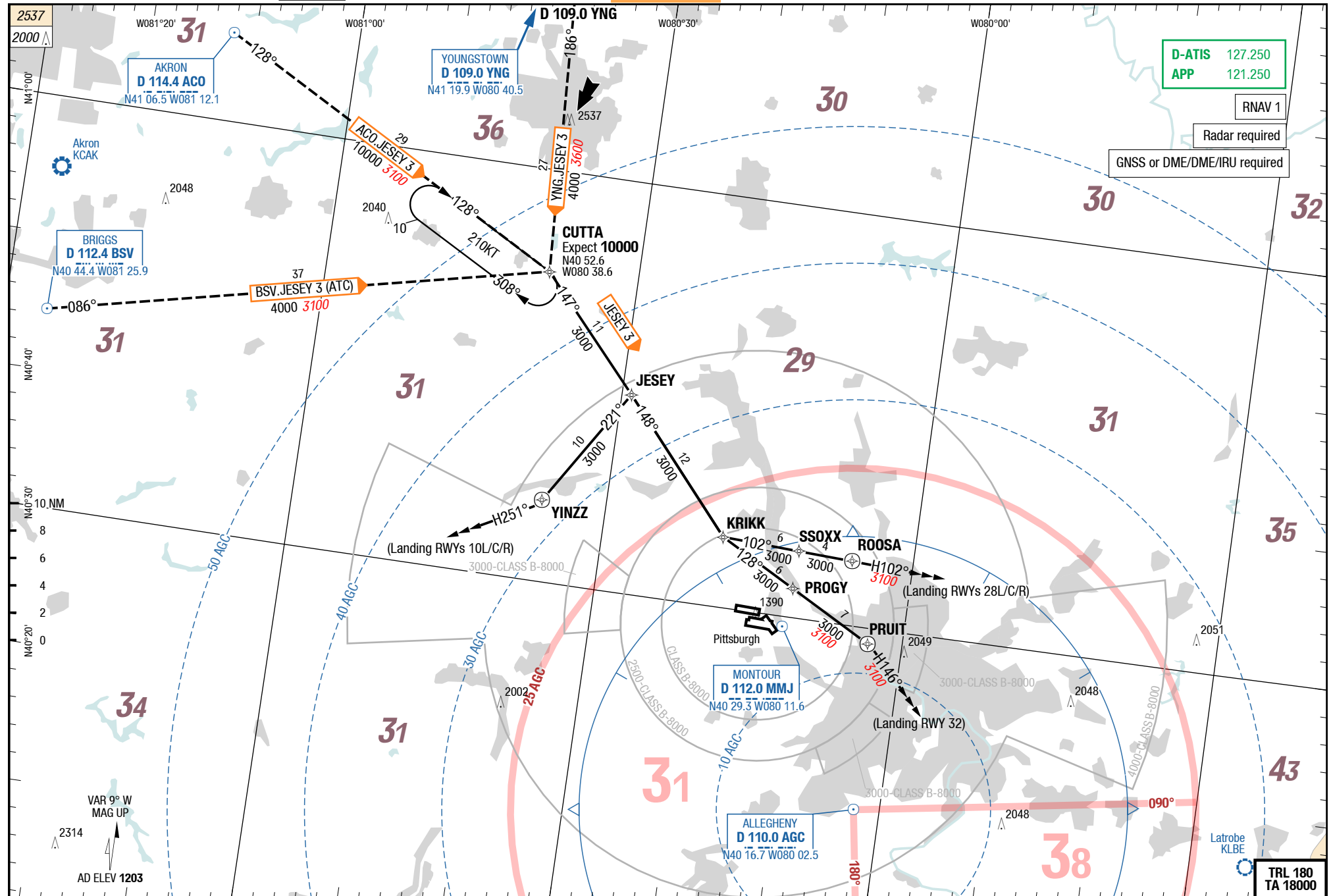
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JESEY 3 RNAV

6-40

JESEY 3 RNAV

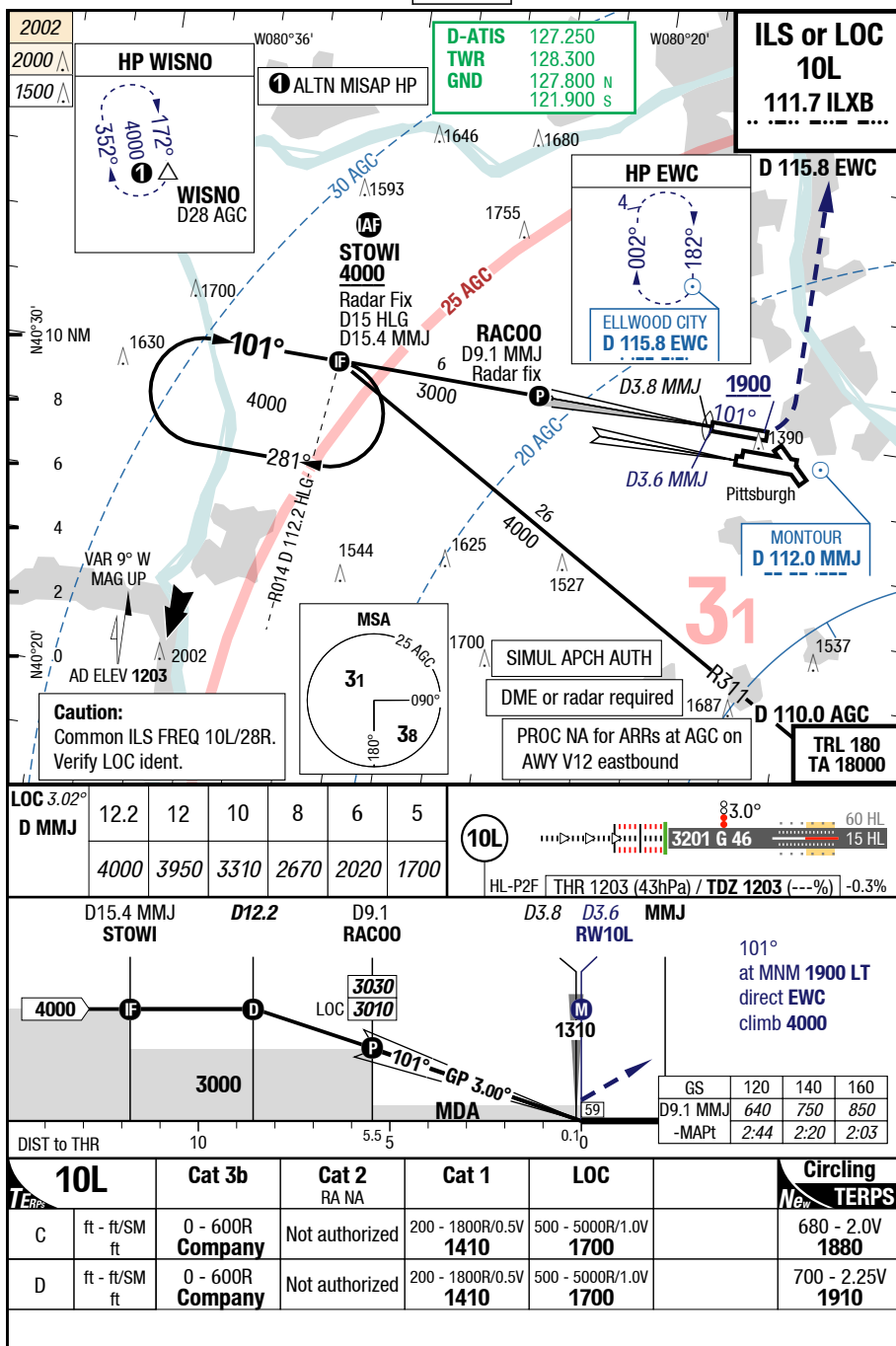


Changes: Track, MSA, VAR, HLDG, OBST, PROC renumbered

PIT-KPIT

7-10

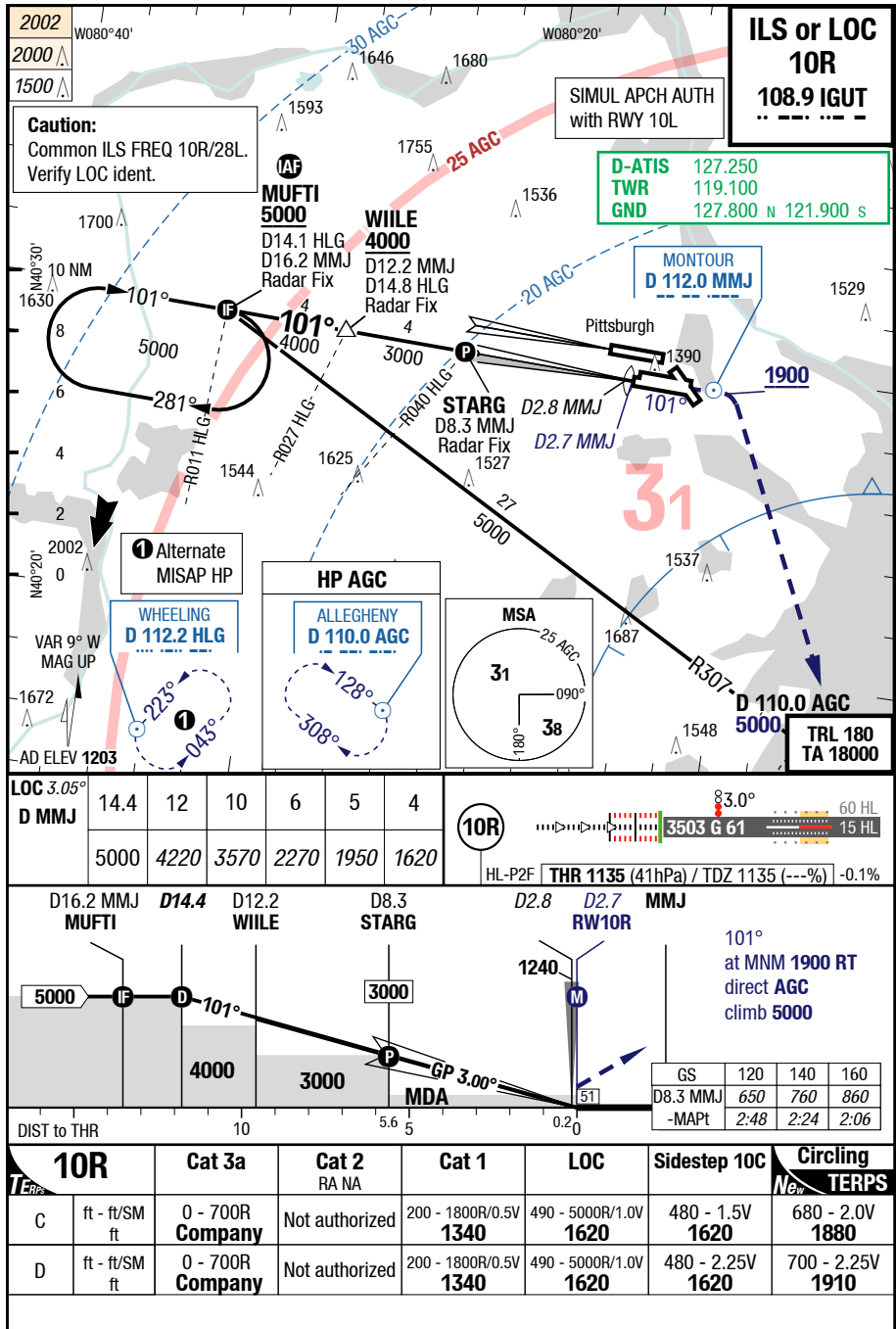
ILS or LOC 10L



PIT-KPIT

7-20

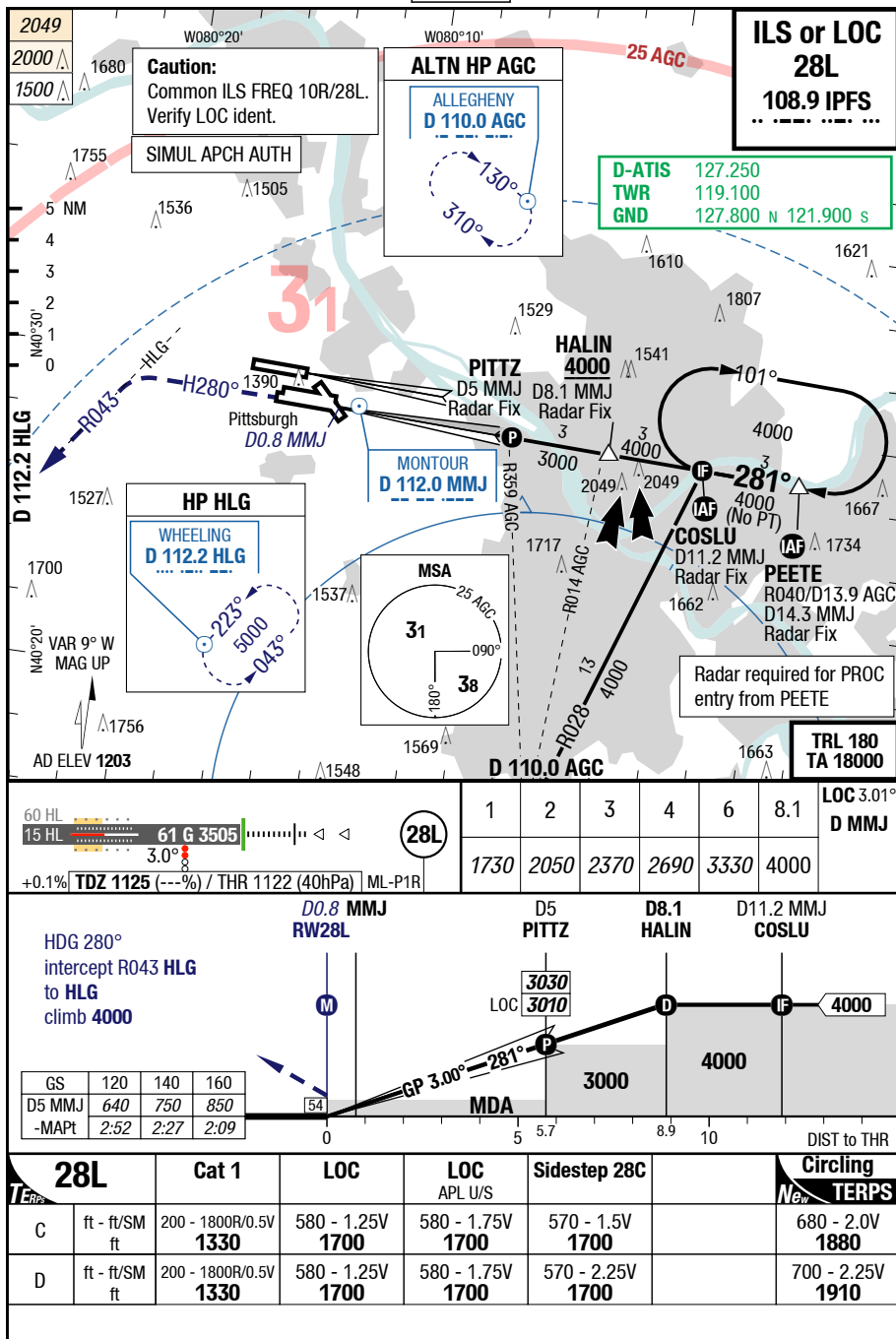
ILS or LOC 10R



PIT-KPIT

7-30

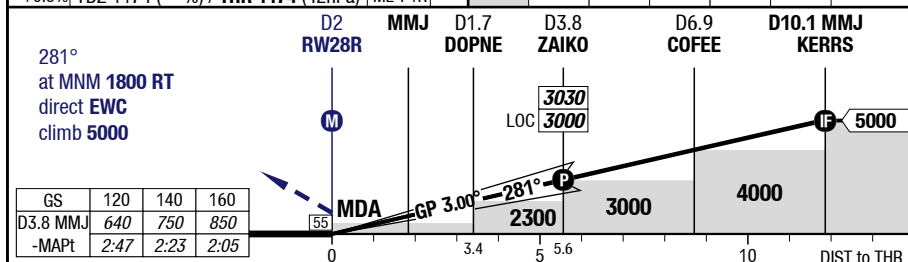
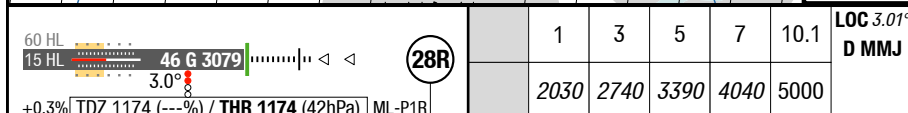
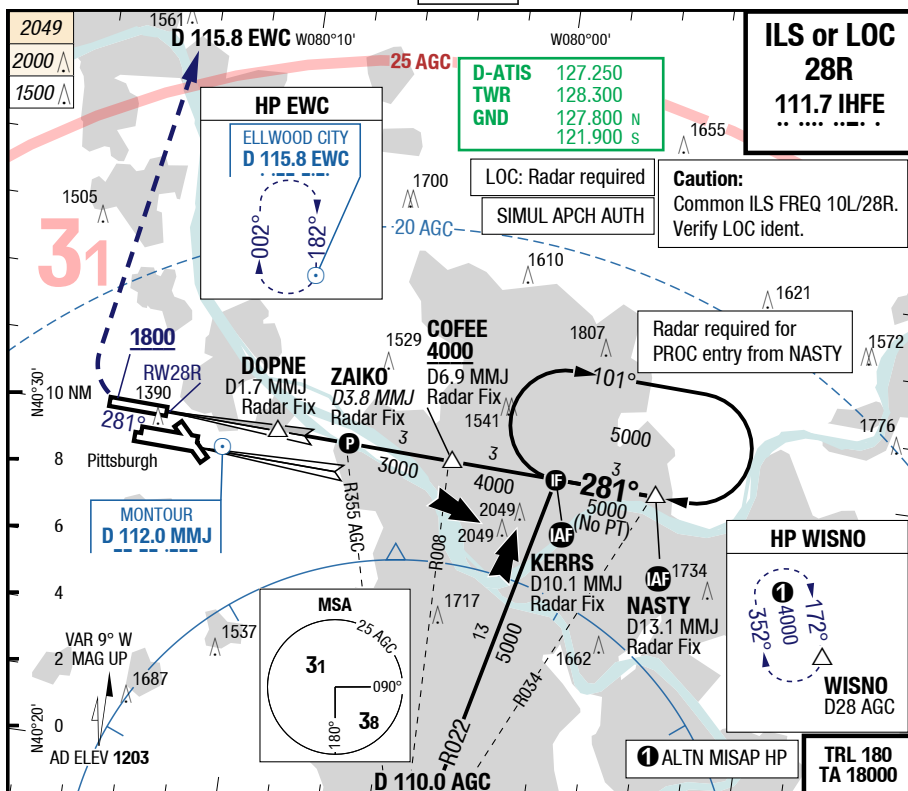
ILS or LOC 28L



PIT-KPIT

7-40

ILS or LOC 28R



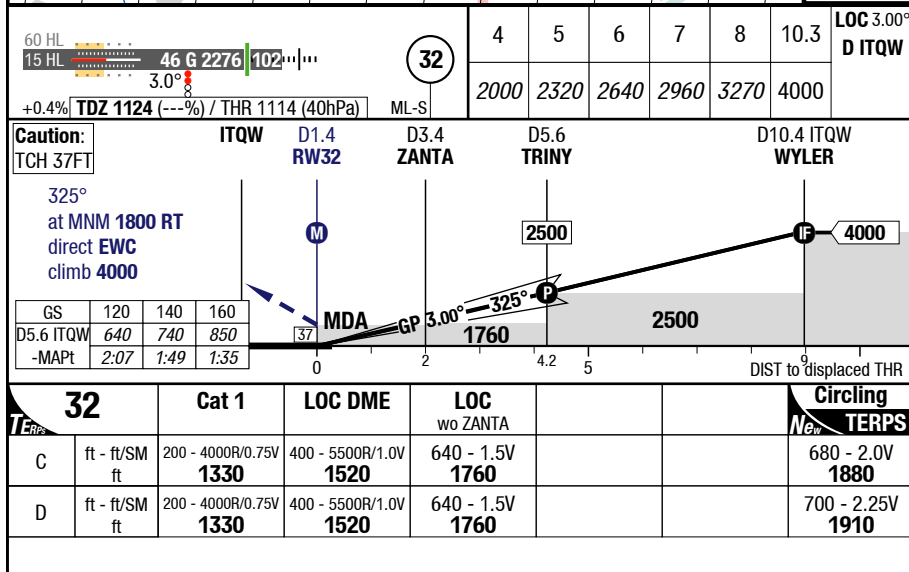
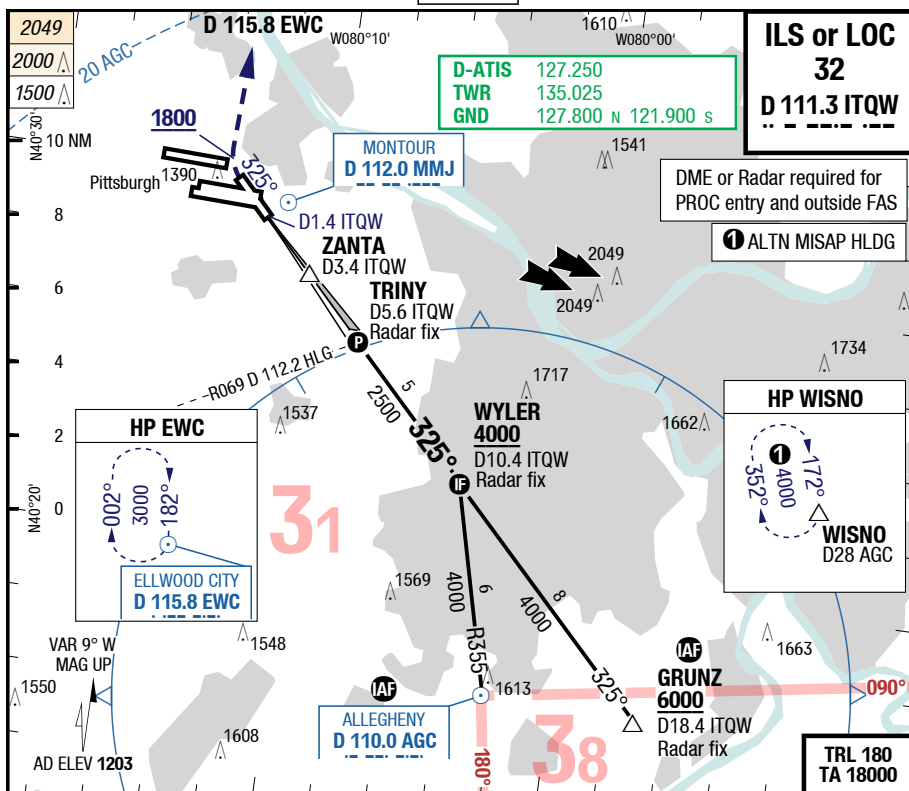
28R		Cat 2 1)	Cat 1	LOC RAD		Circling TERPS
C	ft - ft/SM ft	100 - 1200R 116 RA	200 - 1800R/0.5V 1380	370 - 3500R/0.63V 1540		680 - 2.0V 1880
D	ft - ft/SM ft	100 - 1200R 116 RA	200 - 1800R/0.5V 1380	370 - 3500R/0.63V 1540		700 - 2.25V 1910

1) Special OpSpec approval and AL or HUD to TDZ required due to non-standard APL

PIT-KPIT

7-50

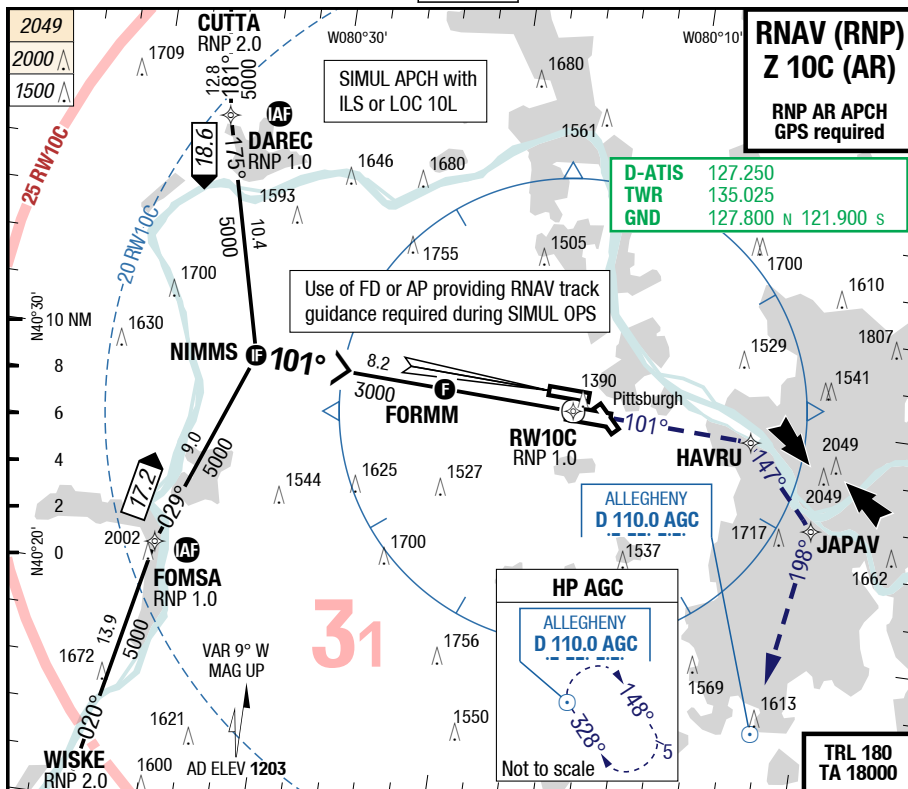
ILS or LOC 32



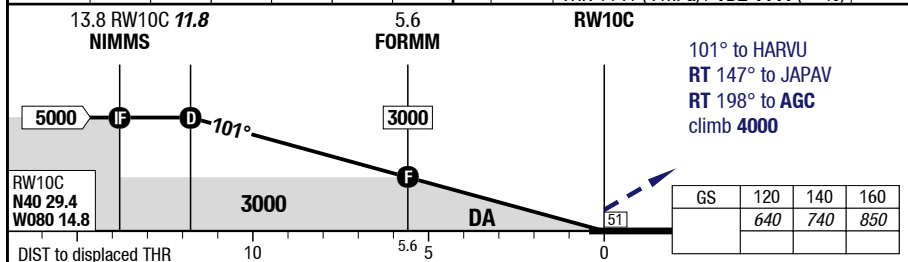
PIT-KPIT

7-70

RNAV (RNP) Z 10C



3.00° RW10C	11.8	10	8	6	4	2	10C	83.0°	60 HL	15 HL
	5000	4430	3780	3140	2490	1840		142	2959	G 46
THR 1141 (41hPa) / TDZ 1141 (---%) -0.1%										



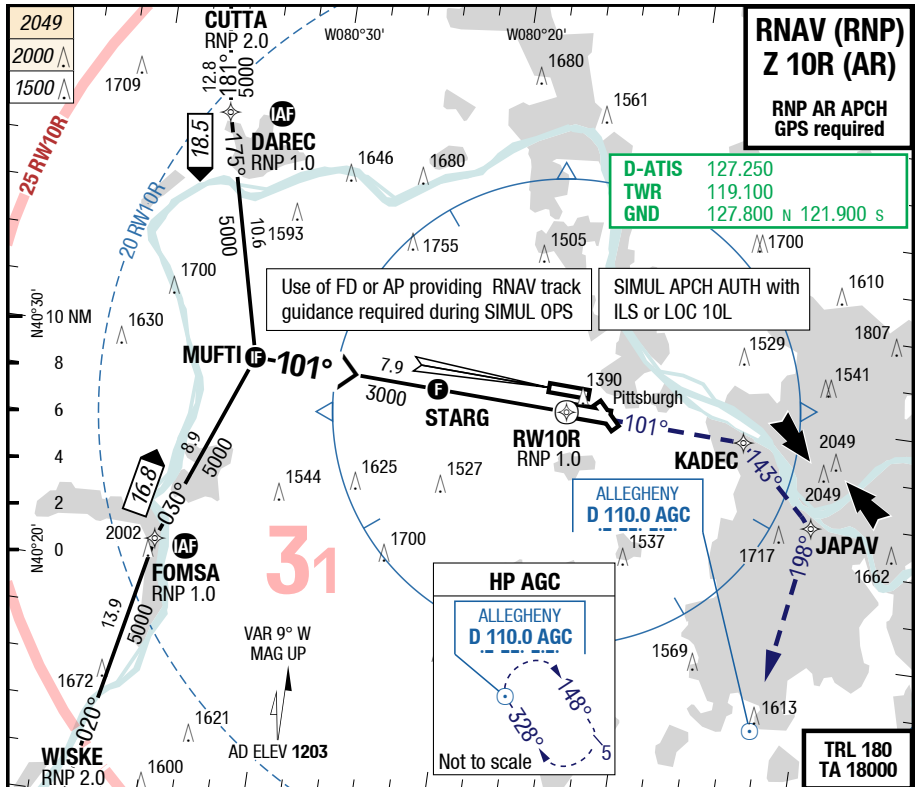
10C		RNAV RNP 0.11 VNAV 1)	RNAV RNP 0.20 VNAV 1)	RNAV RNP 0.30 VNAV 1)		Circling TERPS
C	ft - ft/SM ft	400 - 1.5V 1540	430 - 1.5V 1570	530 - 1.75V 1670		Not published
D	ft - ft/SM ft	400 - 1.5V 1540	430 - 1.5V 1570	530 - 1.75V 1670		Not published

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

PIT-KPIT

7-80

RNAV (RNP) Z 10R



3.00° RW10R	11.8	10	8	6	4	2	10R	<div>83.0°</div> <div>60 HL</div> <div>15 HL</div> <div>3503 G 61</div>			
	5000	4420	3780	3130	2480	1840		<div>HL-P2F</div> <div>THR 1135 (41hPa) / TDZ 1135 (---%)</div> <div>-0.1%</div>			
13.5 RW10R 11.8 MUFTI							5.6 STARG	RW10R		① OBST BLW DA	
<div>5000</div>							<div>3000</div>	<div>101°</div>			<div>101° to KADEC</div> <div>RT 143° to JAPAV</div> <div>RT 198° to AGC</div> <div>climb 4000</div>
RW10R N40 29.2 W080 15.1							<div>3000</div>	① DA		<div>52</div>	
DIST to THR							15	10	5.6	5	0
</											

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

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25-JAN-2018

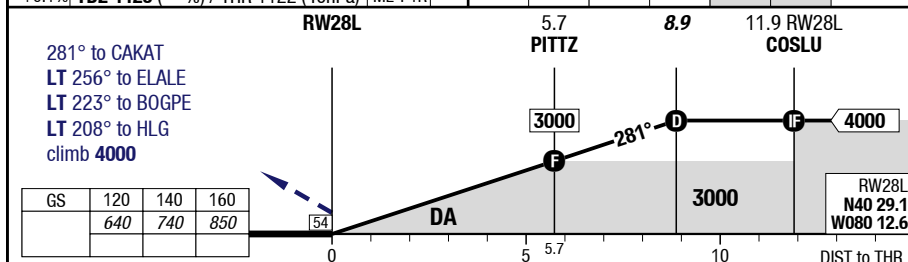
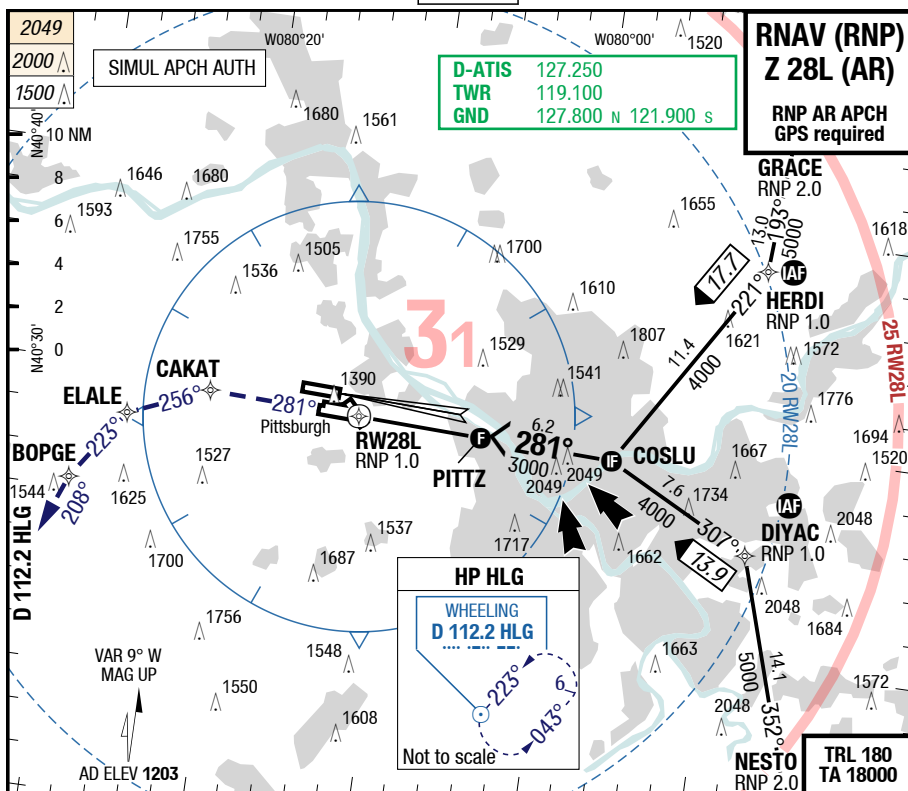
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IAC

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7-90

RNAV (RNP) Z 28L



28L		RNAV	RNAV	Circling	
TERPS		RNP 0.13 VNAV 1)	RNP 0.30 VNAV 1)	TERPS	
C	ft - ft/SM	410 - 4000R/0.75V	460 - 4500R/0.88V	Not published	
D	ft - ft/SM	410 - 4000R/0.75V	460 - 4500R/0.88V	Not published	

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

Changes: MIN, FAT, Track, HLDG, MEA, OBST, VAR, AMDT No

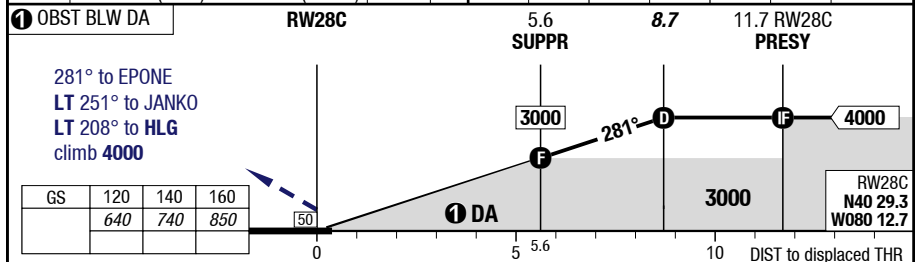
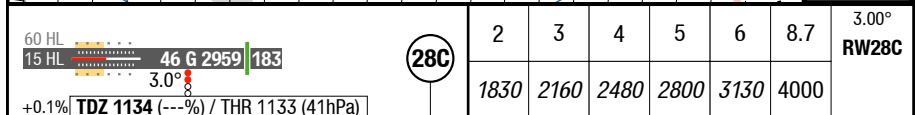
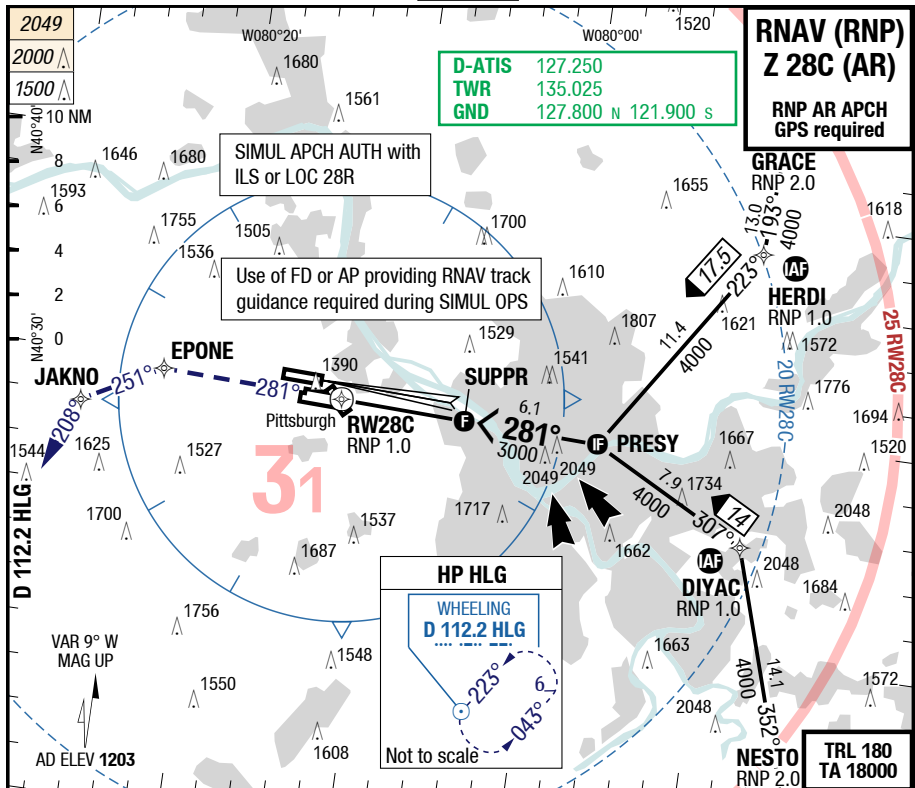
AMDT 1

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7-100

RNAV (RNP) Z 28C



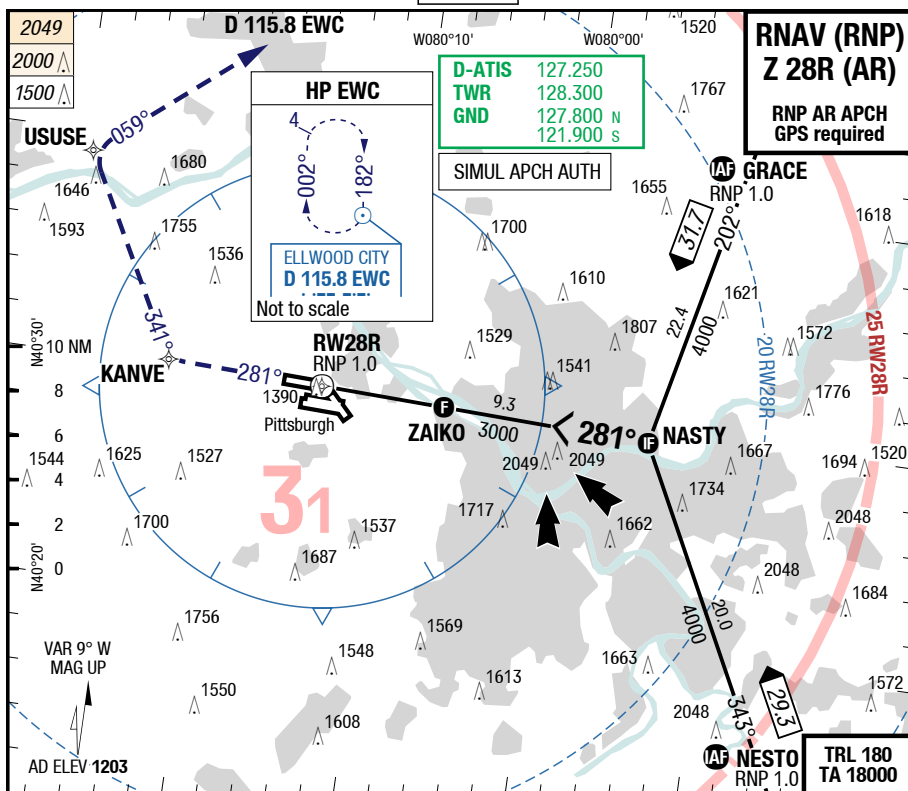
TERPS 28C		RNAV	RNAV	RNAV			Circling
		RNP 0.14 VNAV 1)	RNP 0.16 VNAV 1)	RNP 0.30 VNAV 1)			TERPS
C	ft - ft/SM ft	400 - 6000R/1.25V 1530	400 - 1.5V 1540	450 - 1.5V 1580			Not published
D	ft - ft/SM ft	400 - 6000R/1.25V 1530	400 - 1.5V 1540	450 - 1.5V 1580			Not published

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

PIT-KPIT

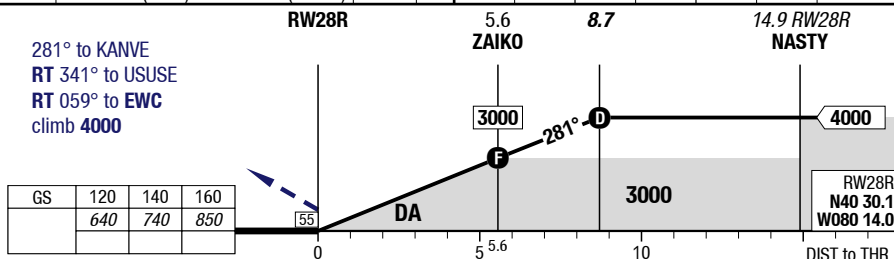
7-110

RNAV (RNP) Z 28R



60 HL
15 HL
46 G 3079
3.0°
+0.3% TDZ 1174 (---%) / THR 1174 (42hPa) ML-P1R

2	3	4	5	6	8.7	3.00° RW28R
1870	2190	2510	2830	3140	4000	



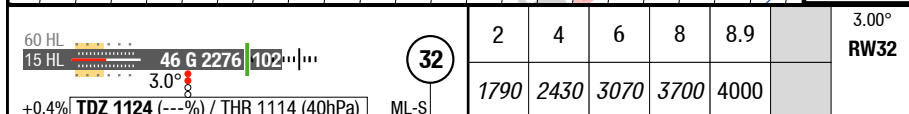
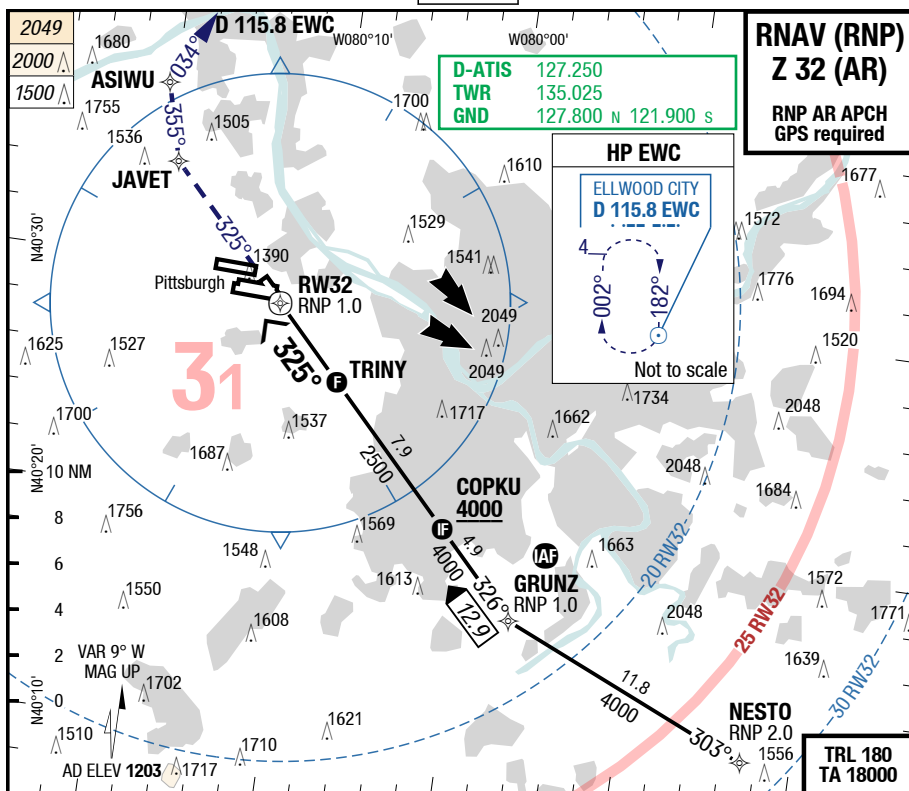
28R	RNAV RNP 0.30 VNAV 1)	Circling TERPS
C	ft - ft/SM ft 510 - 5500R/1.0V 1680	Not published
D	ft - ft/SM ft 510 - 5500R/1.0V 1680	Not published

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

PIT-KPIT

7-120

RNAV (RNP) Z 32

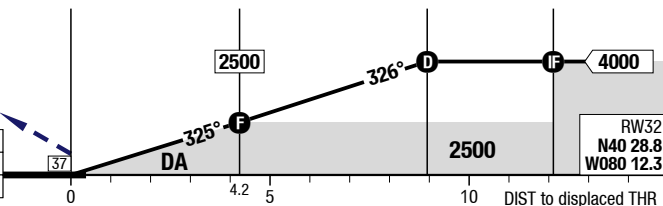


Caution:
TCH 37FT

ution:	RW32	4.2	8.9	12.1 RW32
H 37ET		TRINITY		COPKU

325° to JAVET
RT 355° to ASIWU
RT 034° to EWC
climb 4000

GS	120	140	160
	640	740	850

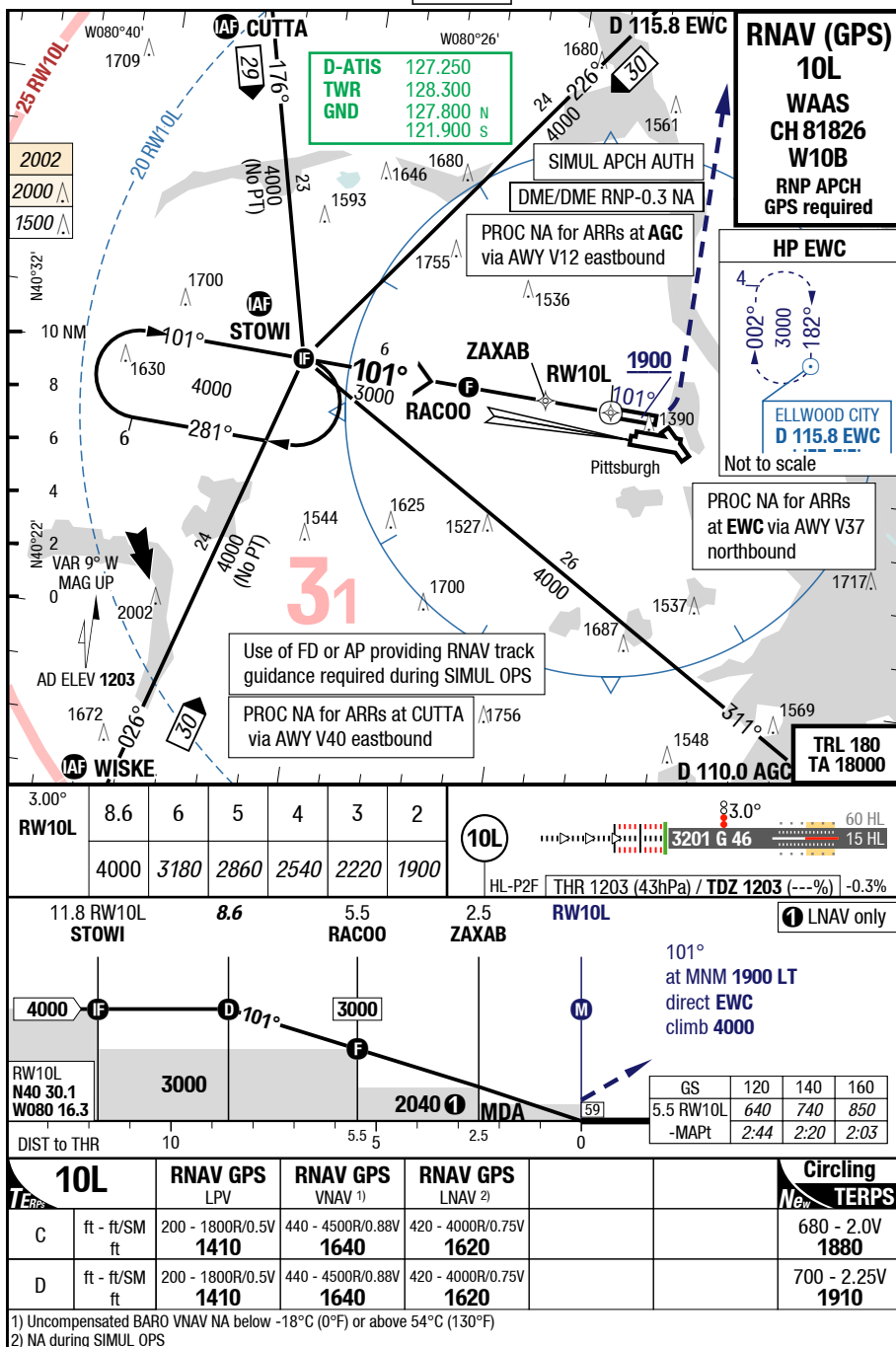


32		RNAV RNP 0.30 VNAV 1)					Circling TERPS
C	ft - ft/SM ft	380 - 5000R/1.0V 1510					Not published
D	ft - ft/SM ft	380 - 5000R/1.0V 1510					Not published

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

RNAV (GPS) 10L

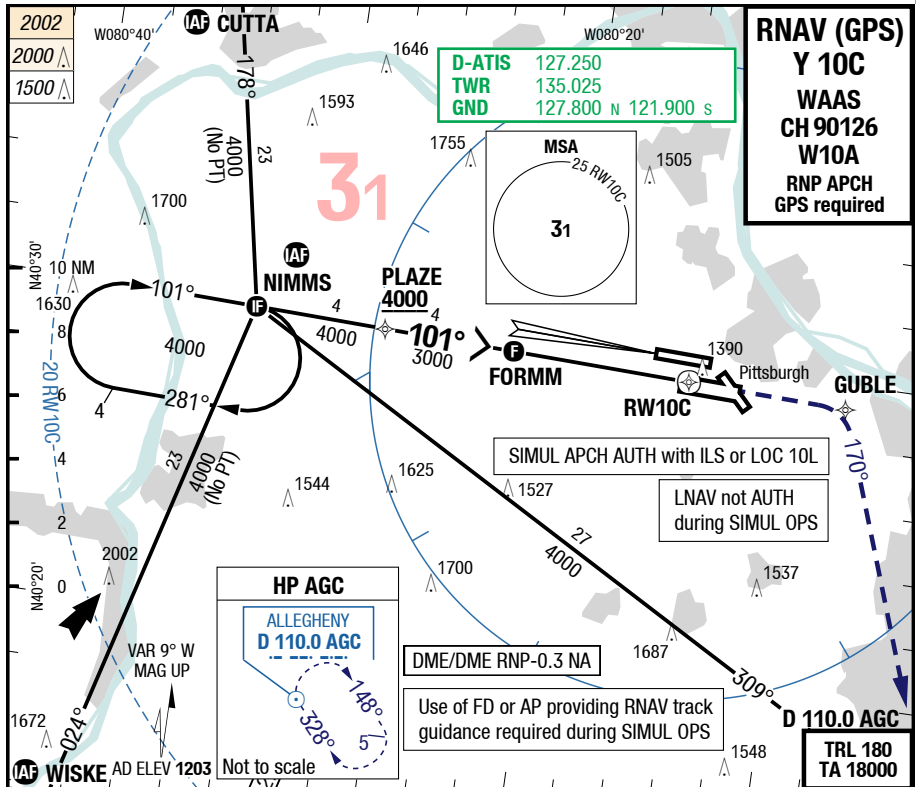
7-130



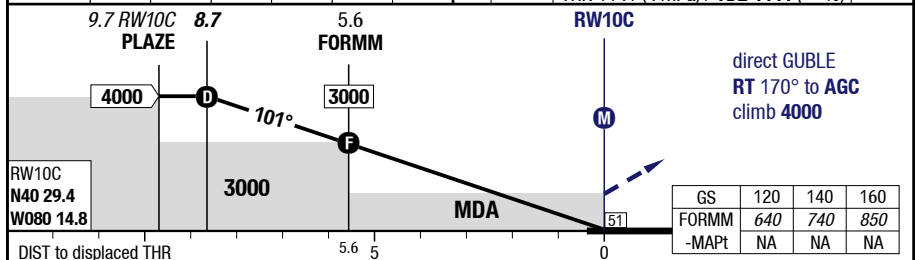
PIT-KPIT

7-140

RNAV (GPS) Y 10C



3.00°	8.7	7	6	5	4	3		83.0°	60 HL	15 HL
RW10C										
	4000	3460	3140	2810	2490	2170				



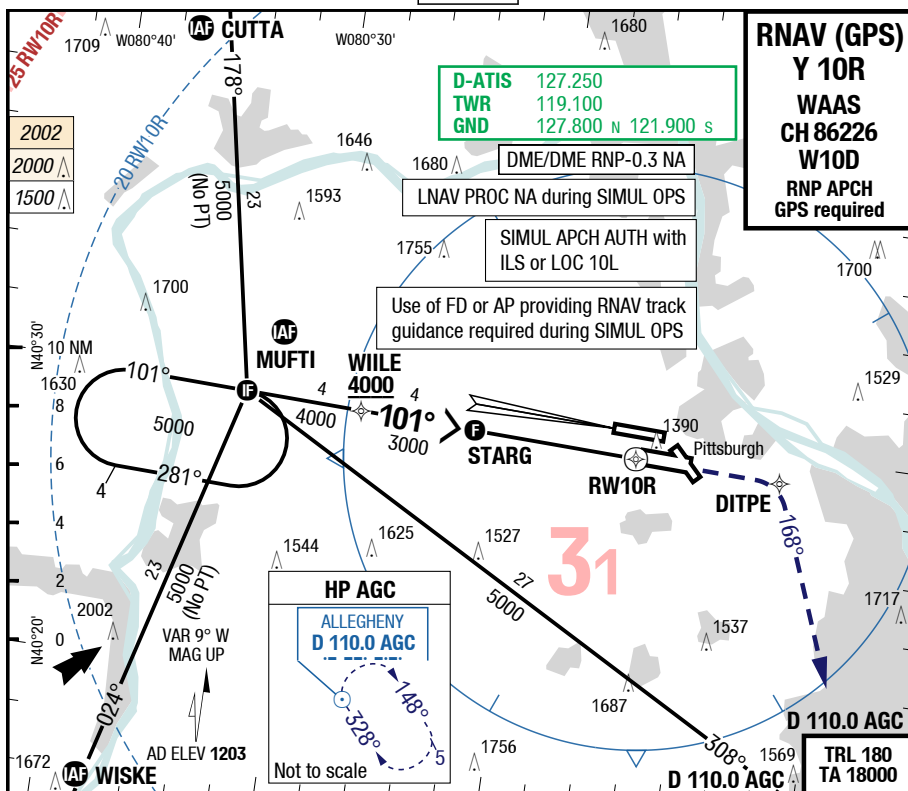
		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)		Circling TERPS
10C						
C	ft - ft/SM	300 - 5000R/1.0V 1440	500 - 1.75V 1640	520 - 1.5V 1660		680 - 2.0V 1880
D	ft - ft/SM	300 - 5000R/1.0V 1440	500 - 1.75V 1640	520 - 1.75V 1660		700 - 2.25V 1910

1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 54°C (130°F)
 2) NA during SIMUL OPS

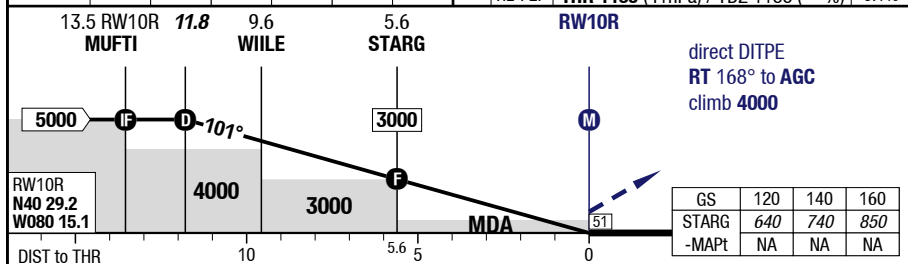
PIT-KPIT

7-150

RNAV (GPS) Y 10R



3.00°	11.8	10	8	6	4	2
RW10R	5000	4420	3780	3130	2480	1840



TERPS	10R	RNAV GPS LPV	RNAV GPS LPV APL U/S	RNAV GPS VNAV	RNAV GPS VNAV APL U/S 1)	RNAV GPS LNAV 2)	Circling Ne TERPS
C	ft - ft/SM ft	310 - 2400R/0.5V 1450	310 - 5000R/1.0V 1450	530 - 1.38V 1660	530 - 1.75V 1660	490 - 5000R/1.0V 1620	680 - 2.0V 1880
D	ft - ft/SM ft	310 - 2400R/0.5V 1450	310 - 5000R/1.0V 1450	530 - 1.38V 1660	530 - 1.75V 1660	490 - 5000R/1.0V 1620	700 - 2.25V 1910

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

2) NA during SIMUL OPS

Effective 01-FEB-2018

25-JAN-2018

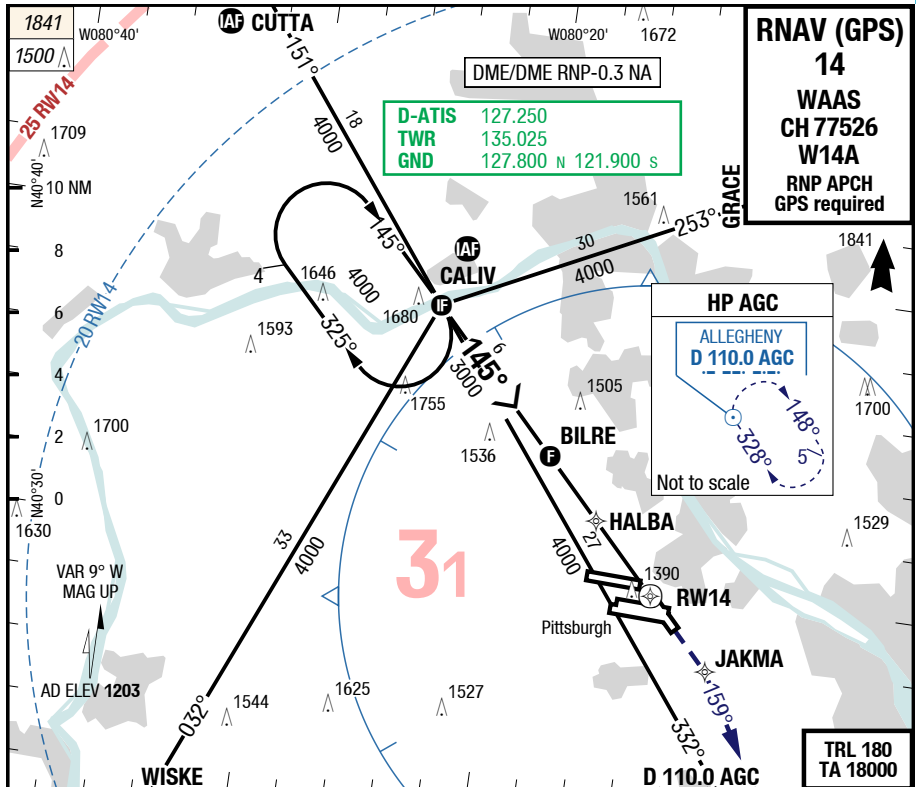
United States Pittsburgh Pittsburgh Intl

IAC

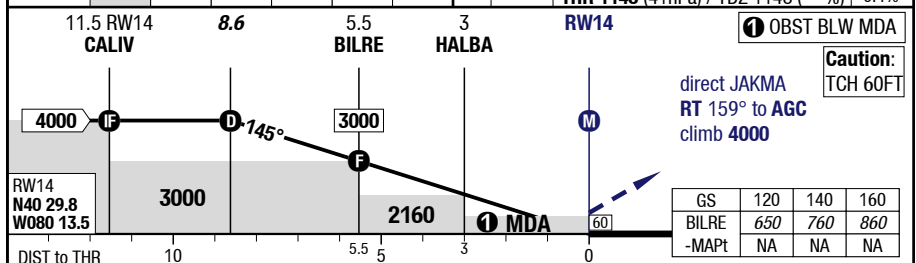
PIT-KPIT

7-160

RNAV (GPS) 14



3.00° RW14	8.6	6	5	4	2	14	83.0° 2245 G 46 60 HL 15 HL	THR 1148 (41hPa) / TDZ 1148 (---%) -0.4%
	4000	3150	2830	2510	1860			



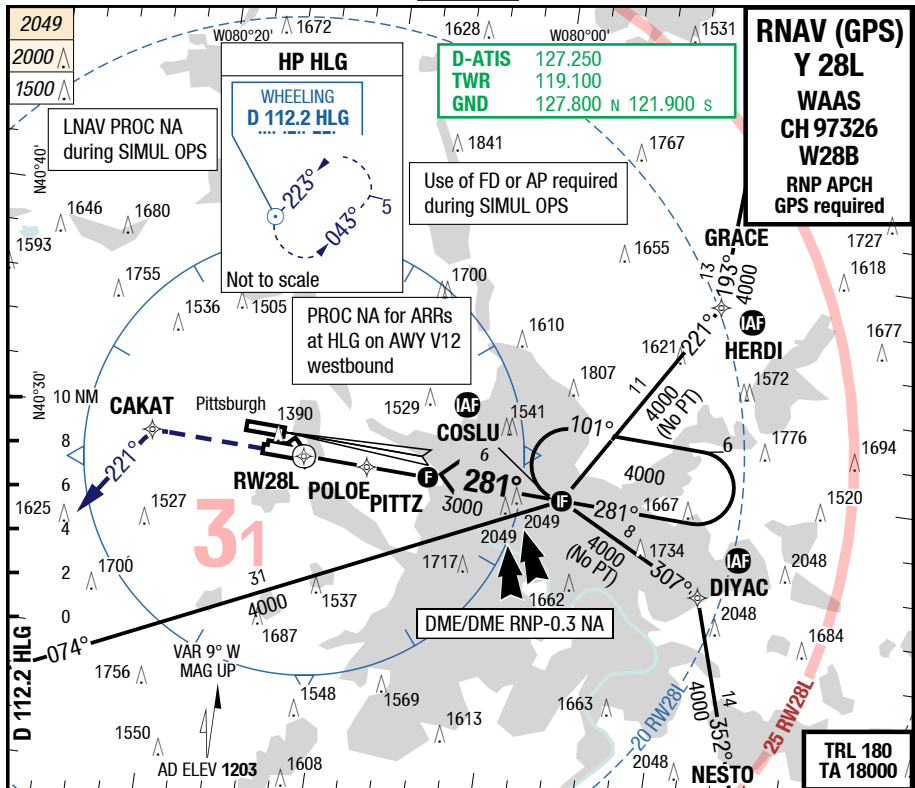
14	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV	Circling TERPS
C	ft - ft/SM ft 490 - 1.75V 1640	510 - 1.75V 1660	500 - 1.38V 1640	680 - 2.0V 1880
D	ft - ft/SM ft 490 - 1.75V 1640	510 - 1.75V 1660	500 - 1.38V 1640	700 - 2.25V 1910

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

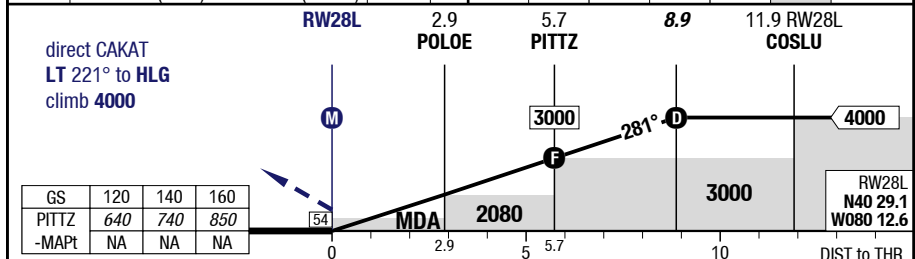
PIT-KPIT

7-170

RNAV (GPS) Y 28L



60 HL 15 HL 61 G 3505 3.0°		2	3	5	7	8.9	3.00° RW28L
+0.1% TDZ 1125 (---%) / THR 1122 (40hPa) ML-P1R		1820	2140	2770	3410	4000	



28L		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)			Circling TERPS
C	ft - ft/SM ft	200 - 1800R/0.5V 1330	430 - 4500R/0.88V 1550	480 - 5000R/1.0V 1600			680 - 2.0V 1880
D	ft - ft/SM ft	200 - 1800R/0.5V 1330	430 - 4500R/0.88V 1550	480 - 5000R/1.0V 1600			700 - 2.25V 1910

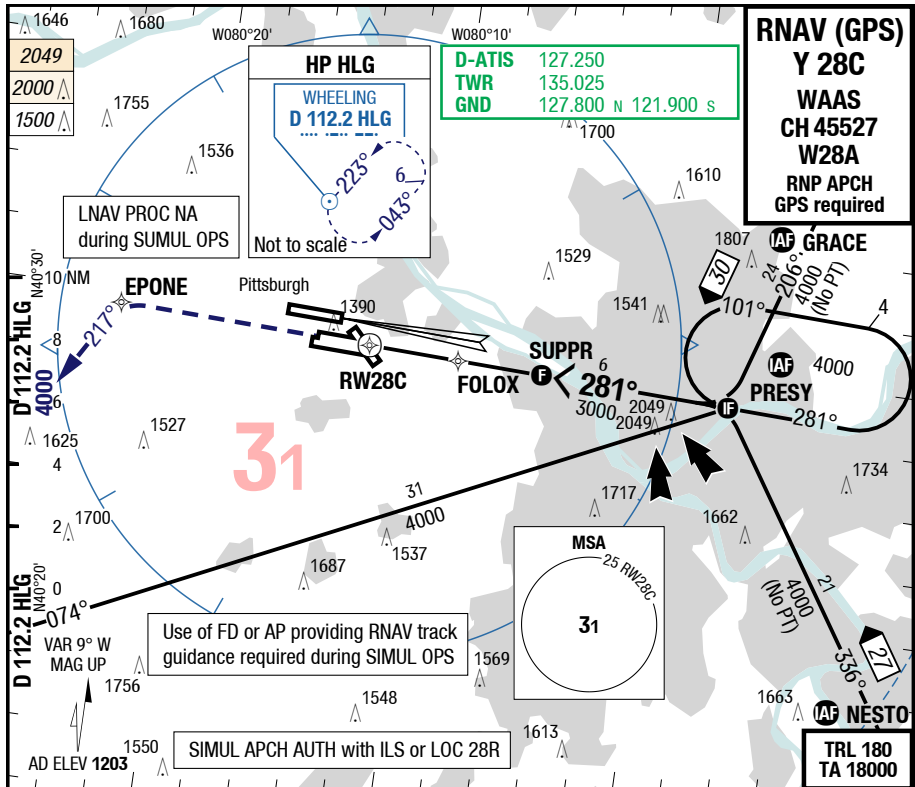
1) Uncompensated BARO VNAV NA below -18°C (0°F) or above 54°C (130°F)

2) NA during SIMUL OPS

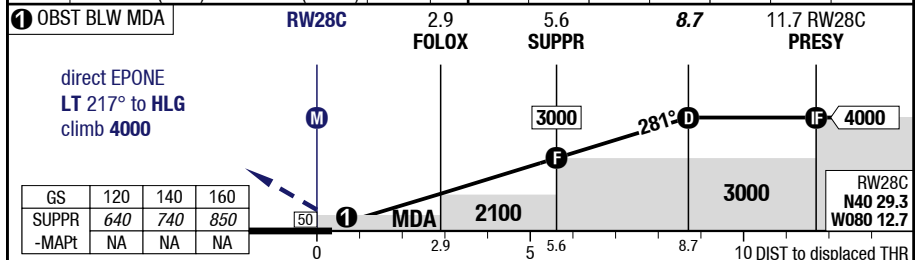
PIT-KPIT

7-180

RNAV (GPS) Y 28C



60 HL	2	3	4	5	6	8.7	3.00°
15 HL	1830	2160	2480	2800	3130	4000	RW28C
+0.1% TDZ 1134 (---%) / THR 1133 (41hPa)							



28C	RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)	Circling TERPS
C	ft - ft/SM 340 - 6000R/1.25V 1480	420 - 1.5V 1550	450 - 1.38V 1580	680 - 2.0V 1880
D	ft - ft/SM 340 - 6000R/1.25V 1480	420 - 1.5V 1550	450 - 1.5V 1580	700 - 2.25V 1910

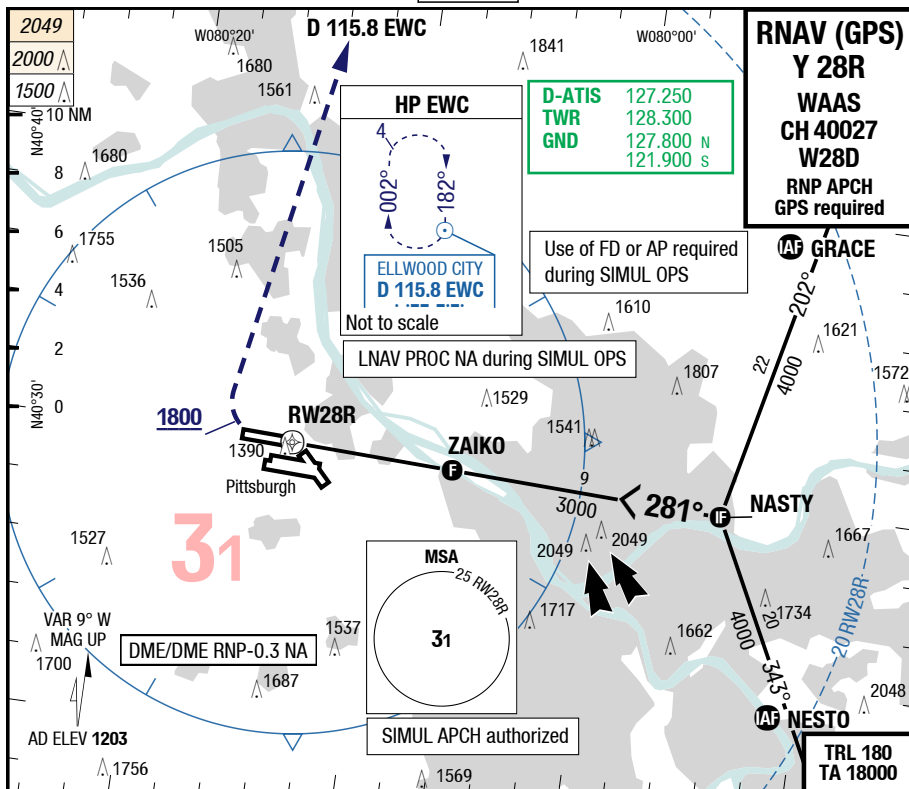
1) Uncompensated BARO VNAV NA below -17°C (2°F) or above 54°C (130°F)

2) NA during SIMUL OPS

PIT-KPIT

7-190

RNAV (GPS) Y 28R



28R		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV 2)	Circling TERPS
C	ft - ft/SM	200 - 1800R/0.5V 1380	460 - 4500R/0.88V 1630	470 - 5000R/1.0V 1640	
D	ft - ft/SM	200 - 1800R/0.5V 1380	460 - 4500R/0.88V 1630	470 - 5000R/1.0V 1640	680 - 2.0V 1880
					700 - 2.25V 1910

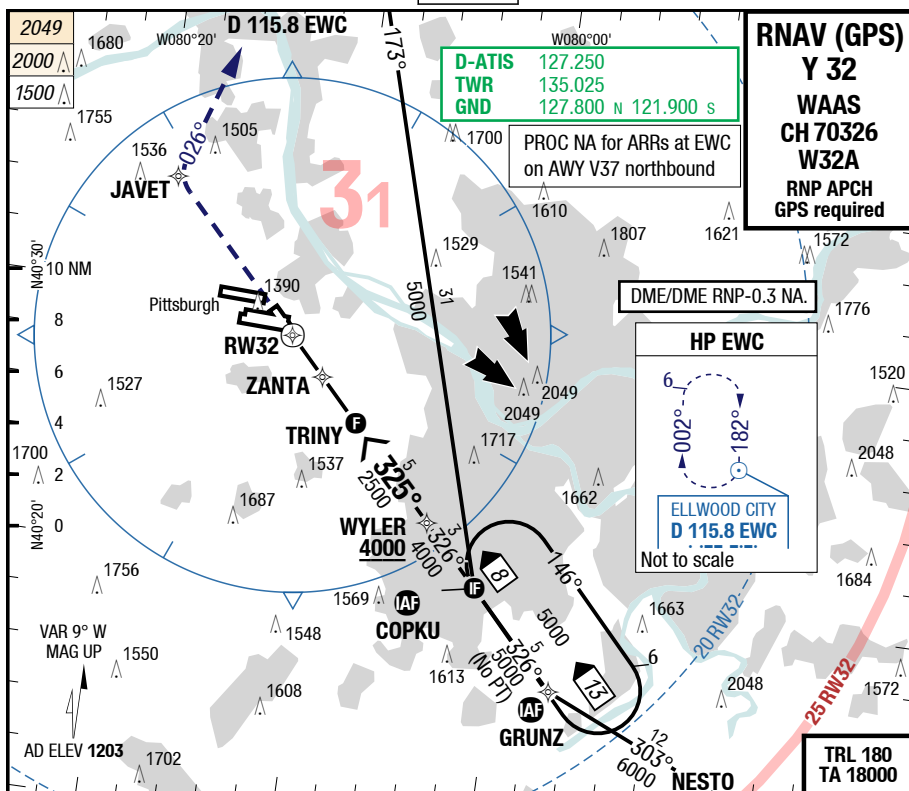
1) Uncompensated BARO VNAV NA below -18°C (0°F) or above 54°C (130°F)

2) NA during SIMUL OPS

PIT-KPIT

7-200

RNAV (GPS) Y 32



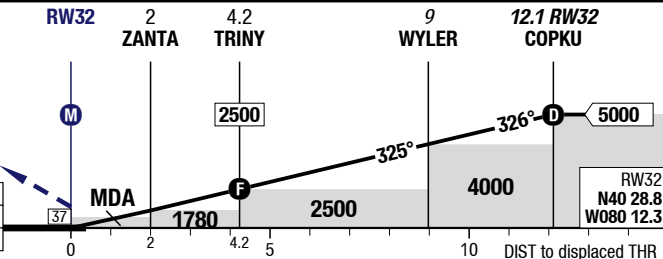
60 HL 15 HL	46 G 2276	102	32	3	4	6	8	10	12.1	3.00° RW32
+0.4% TDZ 1124	3.0°	102		2110	2430	3070	3700	4340	5000	

Caution:

TCH 37FT

direct JAVET
RT 026° to EWC
climb 4000

GS	120	140	160
TRINY	640	740	850
-MAPt	NA	NA	NA



32		RNAV GPS LPV	RNAV GPS VNAV 1)	RNAV GPS LNAV			Circling <i>New</i> TERPS
C	ft - ft/SM ft	200 - 4000R/0.75V 1330	320 - 4000R/0.75V 1440	400 - 5500R/1.0V 1520			680 - 2.0V 1880
D	ft - ft/SM ft	200 - 4000R/0.75V 1330	320 - 4000R/0.75V 1440	400 - 5500R/1.0V 1520			700 - 2.25V 1910

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

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PIT-KPIT

7-210

WxMinima Overflow

TERPS 10R		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)							