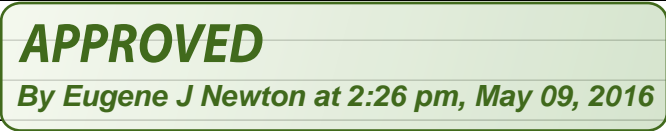


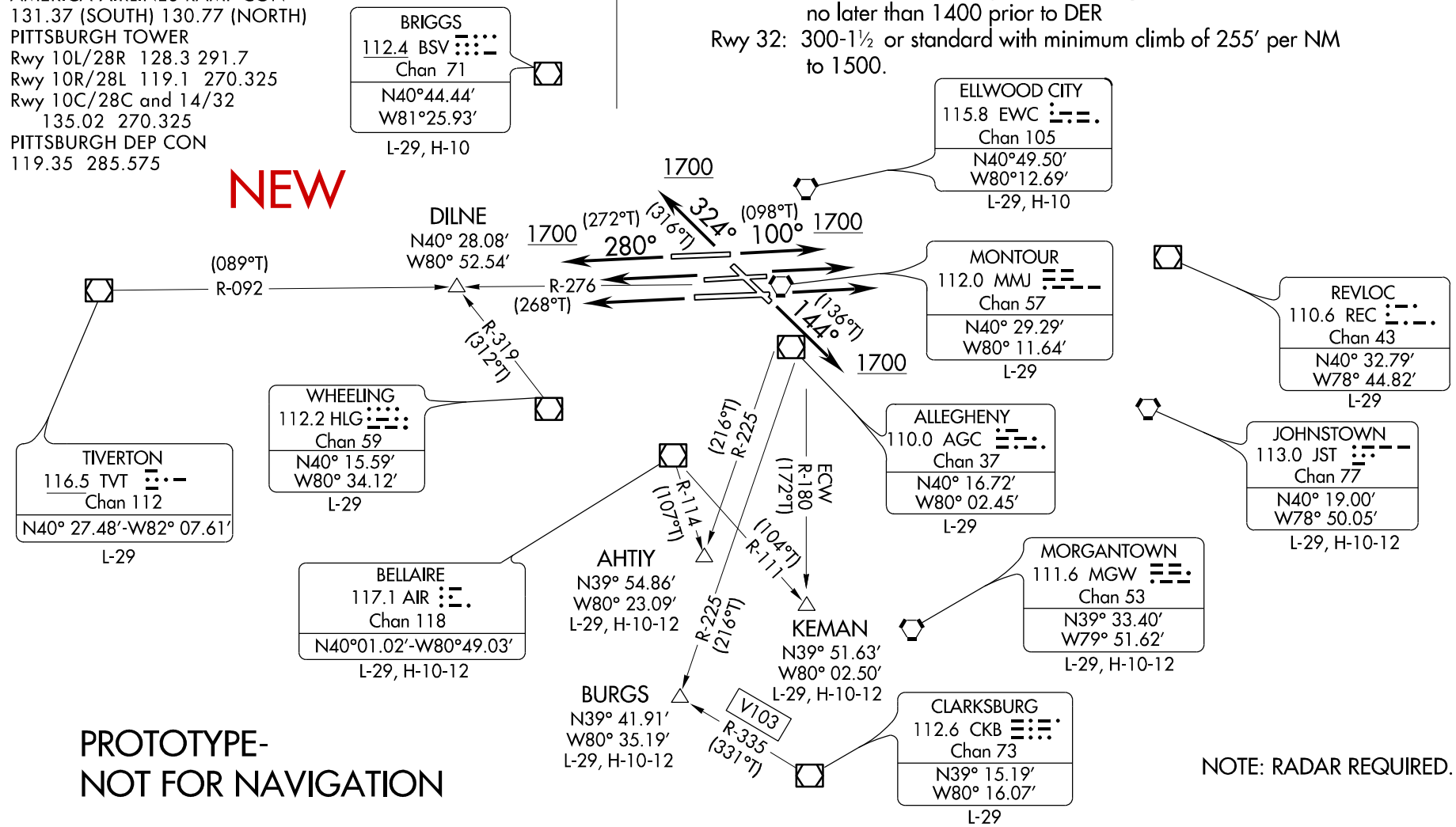
<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> GRAPHICAL DP	<b>Date Open:</b> 12/11/2015	<b>Task #:</b> 2015121124437001001	<b>Request #:</b> 20151211244370
<b>Procedure:</b> PITTSBURGH TWO DP			<b>Airport ID:</b> KPIT	<b>Airport:</b> PITTSBURGH INTL		<b>Reimbursable #:</b> NO
<b>City:</b> PITTSBURGH	<b>ST:</b> PA	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 09/15/2016		<b>FICO #:</b>	
<b>Fac ID:</b> N/A		<b>Fac. Type:</b>			<b>Specialist:</b> PETER GUIMOND	
<b>Procedure Review</b>						
	<b>Rec'd</b>	<b>Rel'd</b>	<b>Full Name</b>	<b>Comments</b>		
<b>Lead:</b>	12/16/2015			<div style="text-align: center;">  </div>		
<b>QA:</b>						
<b>Liaison:</b>						
<b>Procedure Comments:</b>			ENROUTE	<b>Remark Type:</b>	INFORMATION	
CONTACT: JULIE MORGAN, AJV-5410 LEAD, 405.954.8568						

ATIS DEP 135.9  
PITTSBURGH CLNC DEL  
126.75 353.7  
PITTSBURGH GND CON  
121.9 (SOUTH) 348.6  
127.8 (NORTH) 348.6  
AMERICA AIRLINES RAMP CON  
131.37 (SOUTH) 130.77 (NORTH)  
PITTSBURGH TOWER  
Rwy 10L/28R 128.3 291.7  
Rwy 10R/28L 119.1 270.325  
Rwy 10C/28C and 14/32  
135.02 270.325  
PITTSBURGH DEP CON  
119.35 285.575

**TOP ALTITUDE:**  
**JETS: 5000**  
**PROPS: 4000**

**TAKEOFF MINIMUMS**  
Rwys 10C, 10R, 14, 28L, 28C, 28R: Standard.  
Rwys 10L: 300-1½ or standard with minimum climb of 215' per NM to 1400, or alternatively, with standard takeoff minimums and a normal 200' per NM climb gradient, takeoff must occur no later than 1400 prior to DER  
Rwy 32: 300-1½ or standard with minimum climb of 255' per NM to 1500.

**NEW**



PROTOTYPE-  
NOT FOR NAVIGATION

NOTE: RADAR REQUIRED.

NOTE: Chart not to scale

(NARRATIVE ON FOLLOWING PAGE)

## PITTSBURGH TWO DEPARTURE

**NEW**

## DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10L, 10C, 10R: Climb heading 100° until leaving 1700 thence. . . .TAKEOFF RUNWAY 28L, 28C, 28R: Climb heading 280° until leaving 1700 thence. . . .TAKEOFF RUNWAY 14: Climb heading 144° until leaving 1700 thence. . . .TAKEOFF RUNWAY 32: Climb heading 324° until leaving 1700 thence. . . .

. . . . make no turns until assigned by ATC or vectored to appropriate depicted fix.

JETS: Maintain 5000 or requested altitude if lower.PROPS: Maintain 4000 or requested altitude if lower.

Expect further clearance to requested altitude 10 minutes after departure.

TAKEOFF OBSTACLES

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

Rwy 10C: Pole 24' from DER, 300' left of centerline, 3' AGL/1140' MSL. Tree 2605' from DER, 461' left of centerline, 1222' MSL. Tree 3174' from DER, 747' left of centerline, 1255' MSL. Trees beginning 3221' from DER, 911' left of centerline, up to 1263' MSL. Trees beginning 4539' from DER, 1348' right of centerline, up to 52' AGL/1255' MSL. Tree 4700' from DER, 1489' right of centerline, 50' AGL/1257' MSL. Tree 4728' from DER, 1504' right of centerline, 1261' MSL. Tree 4739' from DER, 1629' right of centerline, 68' AGL/1263' MSL. Tree 4918' from DER, 1450' right of centerline, 69' AGL/1264' MSL. Tree 4963' from DER, 1298' right of centerline, 77' AGL/1266' MSL. Tree 4976' from DER, 1363' right of centerline, 74' AGL/1268' MSL.

Rwy 10R: Vertical structures beginning 9' from DER, 40' right of centerline, up to 2' AGL/1123' MSL. Vertical structures beginning 9' from DER, 40' left of centerline, up to 2' AGL/1124' MSL. Street sign 55' from DER, 307' left of centerline, 3' AGL/1125' MSL. Tree 415' from DER, 586' left of centerline, 10' AGL/1137' MSL. Tree 2905' from DER, 673' left of centerline, 1200' MSL. Trees beginning 4568' from DER, 1146' right of centerline, up to 1252' MSL. Poles beginning 4587' from DER, 1124' left of centerline, up to 49' AGL/1241' MSL. Trees beginning 4595' from DER, 151' right of centerline, up to 70' AGL/1255' MSL. Trees beginning 5041' from DER, 101' right of centerline, up to 50' AGL/1257' MSL. Tree 5069' from DER, 306' right of centerline, 1261' MSL. Trees beginning 5080' from DER, 296' right of centerline, up to 68' AGL/1263' MSL. Tree 5103' from DER, 35' left of centerline, 62' AGL/1251' MSL. Tree 5259' from DER, 252' right of centerline, 69' AGL/1264' MSL. Tree 5304' from DER, 101' right of centerline, 77' AGL/1266' MSL. Tree 5317' from DER, 165' right of centerline, 74' AGL/1268' MSL.

PROTOTYPE-NOT FOR NAVIGATION

(NOTES CONTINUED ON FOLLOWING PAGE)

**NEW**TAKEOFF OBSTACLES

- Rwy 28L: Tree 2' from DER, 497' left of centerline, 46' AGL/1137' MSL. Tree 39' from DER, 497' left of centerline, 1144' MSL. Tree 2271' from DER, 1109' left of centerline, 1223' MSL.
- Rwy 28C: Poles beginning 123' from DER, 498' right of centerline, up to 41' AGL/1149' MSL. Aircraft on taxiways beginning 267' from DER, 489' right of centerline, up to 64' AGL/1208' MSL.
- Rwy 28R: Vertical structures beginning 9' from DER, 4' left of centerline, up to 1' AGL/1204' MSL. Vertical structures beginning 9' from DER, on centerline, up to 1' AGL/1204' MSL. Tree 21' from DER, 490' right of centerline, 19' AGL/1214' MSL. Bush 71' from DER, 477' right of centerline, 1215' MSL. Pole 643' from DER, 632' left of centerline, 25' AGL/1223' MSL. Tree 1808' from DER, 912' right of centerline, 1273' MSL.
- Rwy 32: Vertical structures beginning 10' from DER, 54' right of centerline, up to 2' AGL/1149' MSL. Vertical structures beginning 10' from DER, 55' left of centerline, up to 2' AGL/1149' MSL. Tree 80' from DER, 376' left of centerline, 40' AGL/1151' MSL. Pole 453' from DER, 515' right of centerline, 37' AGL/1173' MSL. Aircraft on taxiway 1372' from DER, 8' right of centerline, 64' AGL/1214' MSL. Aircraft on taxiways beginning 1612' from DER, 13' right of centerline, up to 64' AGL/1216' MSL. Aircraft on taxiway 1989' from DER, 190' left of centerline, 64' AGL/1224' MSL. Aircraft on taxiway and tree beginning 2166' from DER, 8' right of centerline, up to 64' AGL/1221' MSL. Aircraft on taxiway 2213' from DER, 352' left of centerline, 64' AGL/1226' MSL. Tree 2575' from DER, 1097' right of centerline, 70' AGL/1229' MSL. Tree 2577' from DER, 1107' right of centerline, 1233' MSL. Aircraft on taxiways beginning 2580' from DER, 425' left of centerline, up to 64' AGL/1233'. Aircraft on taxiway 2942' from DER, 836' left of centerline, 64' AGL/1235' MSL. Tree 2943' from DER, 1213' right of centerline, 73' AGL/1247' MSL. Trees beginning 5831' from DER, 1271' right of centerline, up to 83' AGL/1336' MSL. Tower 1.1 NM from DER, 514' left of centerline, 95' AGL/1341' MSL. Tower 1.1 NM from DER, 436' left of centerline, 106' AGL/1354' MSL. Communication tower 1.1 NM from DER, 436' left of centerline, 102' AGL/1349' MSL.

PROTOTYPE-NOT FOR NAVIGATION



(P1T1, P1T) 15288

PITTSBURGH ONE DEPARTURE

PITTSBURGH, PENNSYLVANIA  
PITTSBURGH INTL (PIT)

ATIS DEP 135.9  
 PITTSBURGH CLNC DEL  
 126.75 353.7  
 PITTSBURGH GND CON  
 121.9 (SOUTH) 348.6  
 127.8 (NORTH) 348.6  
 U.S. AIRWAYS RAMP CON  
 131.37 (SOUTH) 130.77 (NORTH)  
 PITTSBURGH TOWER  
 Rwy 10L/28R 128.3 291.7  
 Rwy 10R/28L 119.1 270.325  
 Rwy 10C/28C and 14/32  
 135.02 270.325

**TOP ALTITUDE:  
 ASSIGNED BY ATC**

BRIGGS  
 112.4 BSV  
 Chan 71  
 N40°44.44'  
 W81°25.93'  
 L-29, H-10

TIVERTON  
 116.5 TVT  
 Chan 112  
 N40° 27.48'-W82° 07.61'  
 L-29

DILNE  
 N40° 28.08'  
 W80° 52.54'

WHEELING  
 112.2 HLG  
 Chan 59  
 N40° 15.59'  
 W80° 34.12'  
 L-29

PITTSBURGH  
 DEP CON  
 SOUTH  
 119.35 285.575

BELLAIRE  
 117.1 AIR  
 Chan 118  
 N40°01.02'-W80°49.03'  
 L-29, H-10-12

BURGS  
 N39° 41.91'  
 W80° 35.19'  
 L-29,  
 H-10-12

ALLEGHENY  
 110.0 AGC  
 Chan 37  
 N40° 16.72'  
 W80° 02.45'  
 L-29

MORGANTOWN  
 111.6 MGW  
 Chan 53  
 N39° 33.40'  
 W79° 51.62'  
 L-29, H-10-12

CLARKSBURG  
 112.6 CKB  
 Chan 73  
 N39° 15.19'  
 W80° 16.07'  
 L-29

OLD

PITTSBURGH  
 DEP CON  
 NORTH  
 124.75 338.2

ELLWOOD CITY  
 115.8 EWC  
 Chan 105  
 N40°49.50'  
 W80°12.69'  
 L-29, H-10

MONTOUR  
 112.0 MMJ  
 Chan 57  
 N40° 29.29'  
 W80° 11.64'  
 L-29

REVLOC  
 110.6 REC  
 Chan 43  
 N40° 32.79'  
 W78° 44.82'  
 L-29

JOHNSTOWN  
 113.0 JST  
 Chan 77  
 N40° 19.00'  
 W78° 50.05'  
 L-29, H-10-12

**DEPARTURE FREQUENCY:** The departure frequency is NOT based on the departure runway or the first sector entered on takeoff. Use frequency depicted within sector (north or south) where first fix/navaid/radial for your route is located (see graphic).

**NOTE:** Due to varying internal airspace configurations, Pittsburgh Tower may specifically issue departure frequencies that supercede those indicated here.

NOTE: RADAR REQUIRED.

(NARRATIVE ON FOLLOWING PAGE)

NOTE: Chart not to scale

(P1T1, P1T) 15288

SL-570 (FAA)

PITTSBURGH INTL (PIT)  
PITTSBURGH, PENNSYLVANIA

▼

OLD

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAY 10L, 10C, 10R: Climb heading 100° until leaving 1700 thence. . . .

TAKEOFF RUNWAY 28L, 28C, 28R: Climb heading 280° until leaving 1700 thence. . . .

TAKEOFF RUNWAY 14: Climb heading 144° until leaving 1700 thence. . . .

TAKEOFF RUNWAY 32: Climb heading 324° until leaving 1700 thence. . . .

. . . . make no turns until assigned by ATC or vectored to appropriate depicted fix.

JETS: Maintain 5000 or requested altitude if lower.

ALL OTHERS: Maintain 4000 or requested altitude if lower.

Expect further clearance to requested altitude 10 minutes after departure.

TAKEOFF OBSTACLES:

Rwy 10L: Tree 1387' from DER, 733' left of centerline, 59' AGL/1233' MSL.  
Rod on OL tower 4168' from DER, 910' left of centerline, 112' AGL/1282' MSL.  
Tower 4175' from DER, 864' left of centerline, 112' AGL/1282' MSL.  
Tree 1463' from DER, 672' left of centerline, 38' AGL/1212' MSL.

Rwy 10C: Multiple trees beginning 3207' from DER, 461' left of centerline,  
up to 29' AGL/1263' MSL.

Rwy 10R: Multiple trees beginning 1082' from DER, 102' right of centerline,  
up to 66' AGL/1265' MSL.  
OL on monitor pole 4590' from DER, 1124' left of centerline, 55' AGL/1241' MSL.  
Pole 4610' from DER, 1138' left of centerline, 55' AGL/1241' MSL.

Rwy 14: Tree 968' from DER, 516' right of centerline, 44' AGL/1158' MSL.

Rwy 28L: Tree 2272' from DER, 1109' left of centerline, 64' AGL/1223' MSL.  
Tree 39' from DER, 498' left of centerline, 9' AGL/1144' MSL.

Rwy 28C: ACFT 267' from DER, 500' right of centerline, 64' AGL/1208' MSL.  
Lighted poles 124' from DER, 500' right of centerline, up to 41' AGL/1149' MSL.  
ACFT 1310' from DER, 630' right of centerline, 64' AGL/1207' MSL.

Rwy 28R: Tree 1810' from DER, 912' right of centerline, 34' AGL/1273' MSL.  
Bush 73' from DER, 477' right of centerline, 12' AGL/1215' MSL.  
Pole 645' from DER, 633' left of centerline, 20' AGL/1233' MSL.

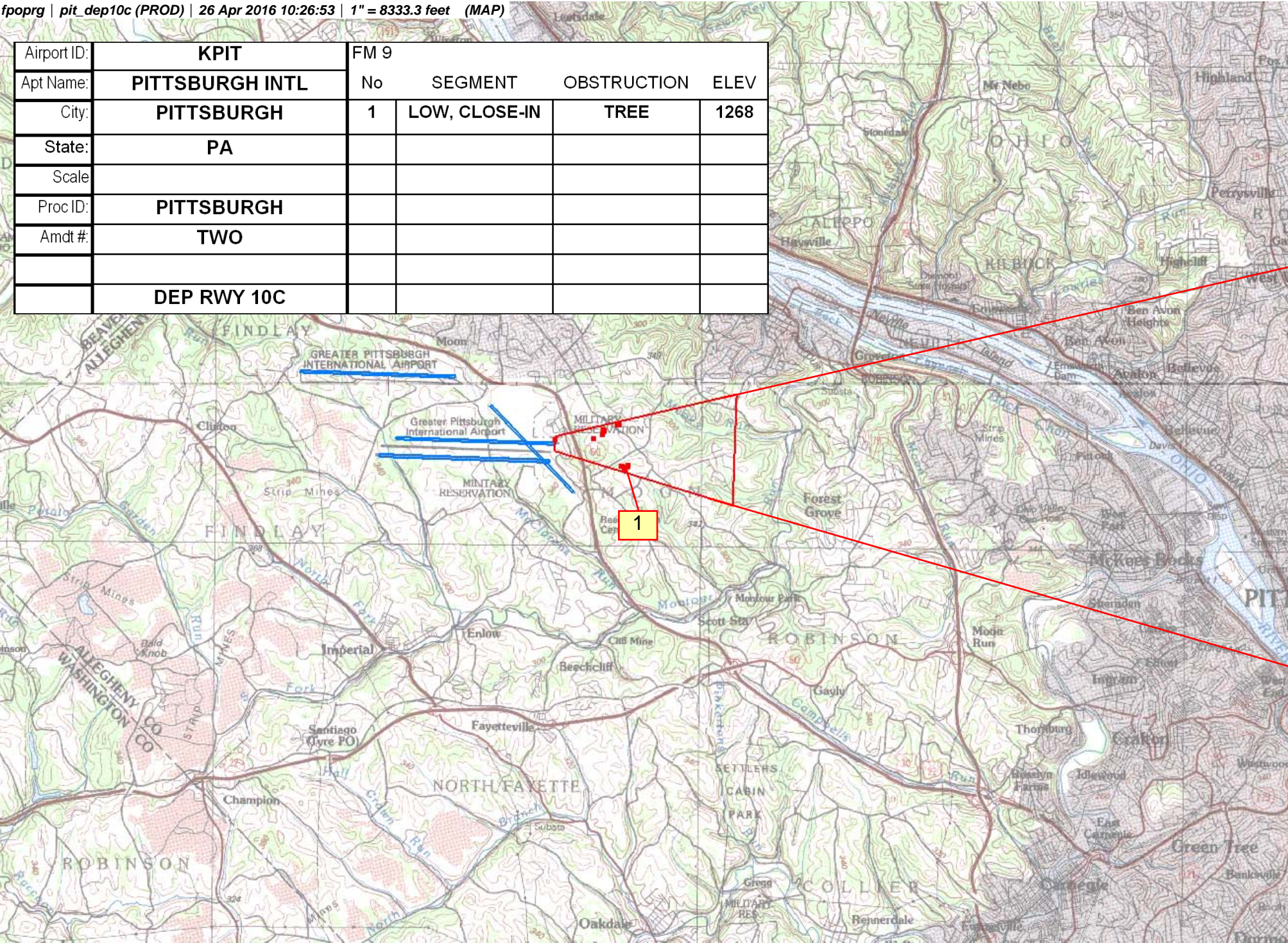
Rwy 32: Antenna on OL tower 1.1 NM from DER, 435' left of centerline, 105' AGL/1354' MSL.  
Tower 6812' from DER, 497' left of centerline, 96' AGL/1342' MSL.  
LT on pole 454' from DER, 515' right of centerline, 25' AGL/1173' MSL.  
Multiple trees beginning 1717' from DER, 1108' right of centerline,  
up to 61' AGL/1321' MSL.  
Tree 6074' from DER, 1272' right of centerline, 61' AGL/1321' MSL.  
Tree 2577' from DER, 1108' right of centerline, 74' AGL/1233' MSL.  
Tree 2480' from DER, 1118' right of centerline, 33' AGL/1212' MSL.

NE-4, 28 APR 2016 to 26 MAY 2016

NE-4, 28 APR 2016 to 26 MAY 2016



Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH	1	LOW, CLOSE-IN	TREE	1268
State:	PA				
Scale					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 10C				





**fpoprg | pit\_dep10c (PROD) | 30 Apr 2016 07:55:21 | 1" = 41666.7 feet (MAP)**

**pit dep10c (PROD) | 30 Apr 2016 07:55:21 | 1" = 41666.7 feet (MAP)**

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH		DIVERSE A/B	ASC	
State:	PA				
Scale:					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 10C				

**EXAMPLES OF CLASS B ALTITUDES**

Calling in hundreds of feet MSL

Floor in hundreds of feet MSL

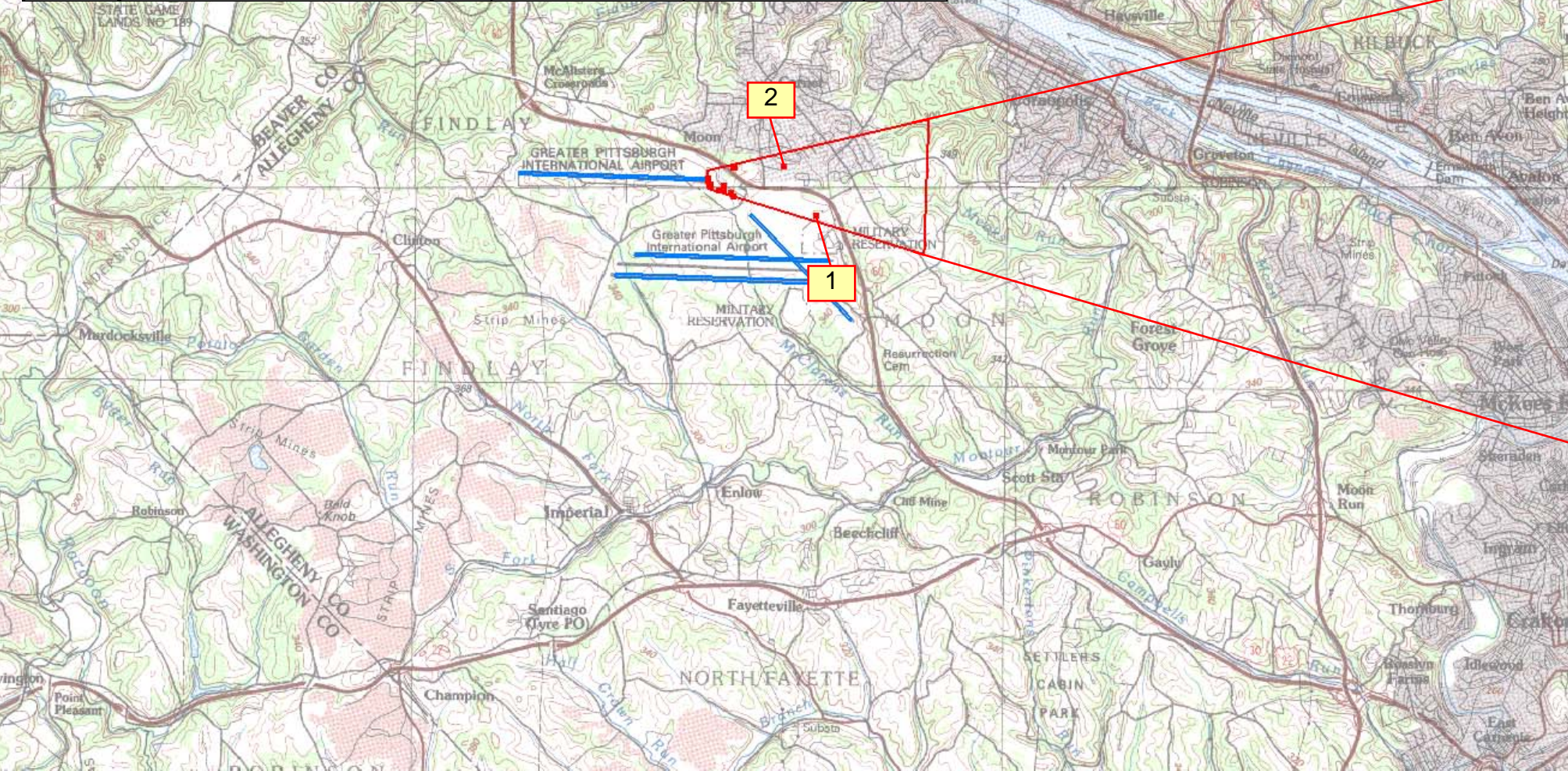


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | pit\_dep10l (PROD) | 27 Apr 2016 06:39:42 | 1" = 8333.3 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH	1	CLIMB GRAD	WATER TWR	1340
State:	PA	2	LOW, CLOSE-IN	TOWER	1282
Scale					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 10L				





**fpoprg | pit\_dep10l (PROD) | 30 Apr 2016 07:59:01 | 1" = 41666.7 feet (MAP)**

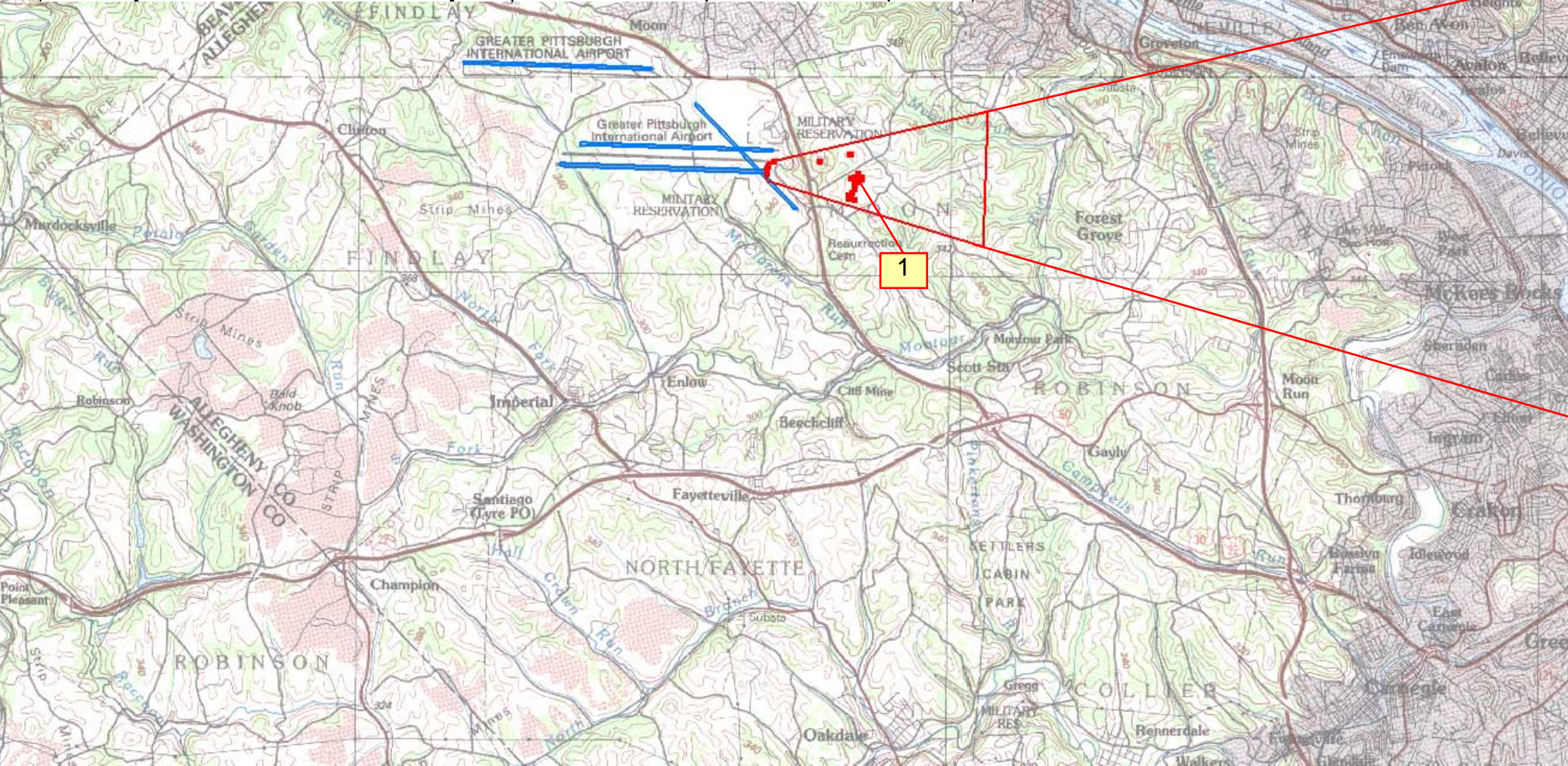


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | pit\_dep10r (PROD) | 27 Apr 2016 07:00:55 | 1" = 8333.3 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH	1	LOW, CLOSE-IN	TREE	1268
State:	PA				
Scale					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 10R				

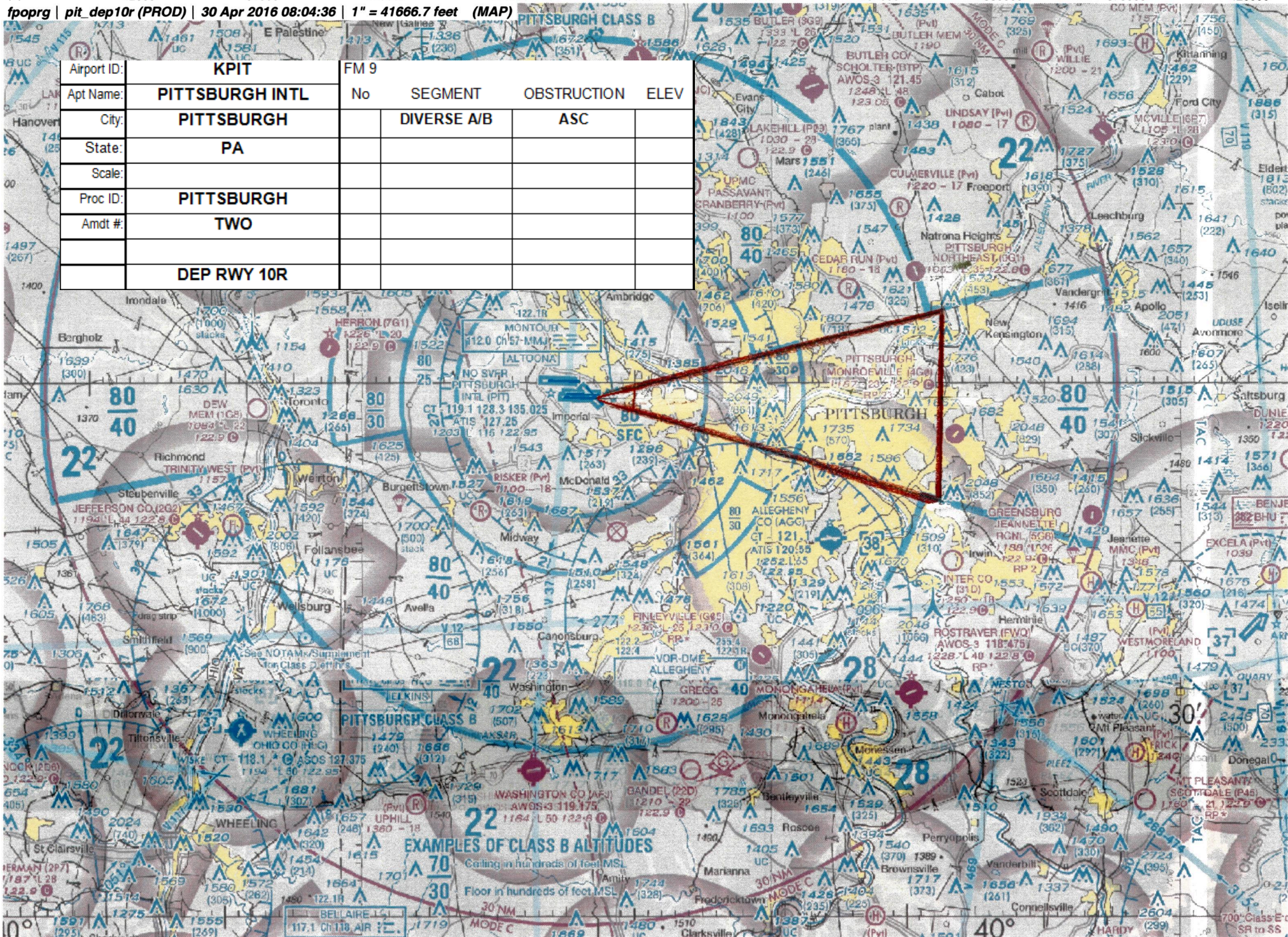




NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpoprg | pit\_dep10r (PROD) | 30 Apr 2016 08:04:36 | 1" = 41666.7 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH		DIVERSE A/B	ASC	
State:	PA				
Scale:					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 10R				



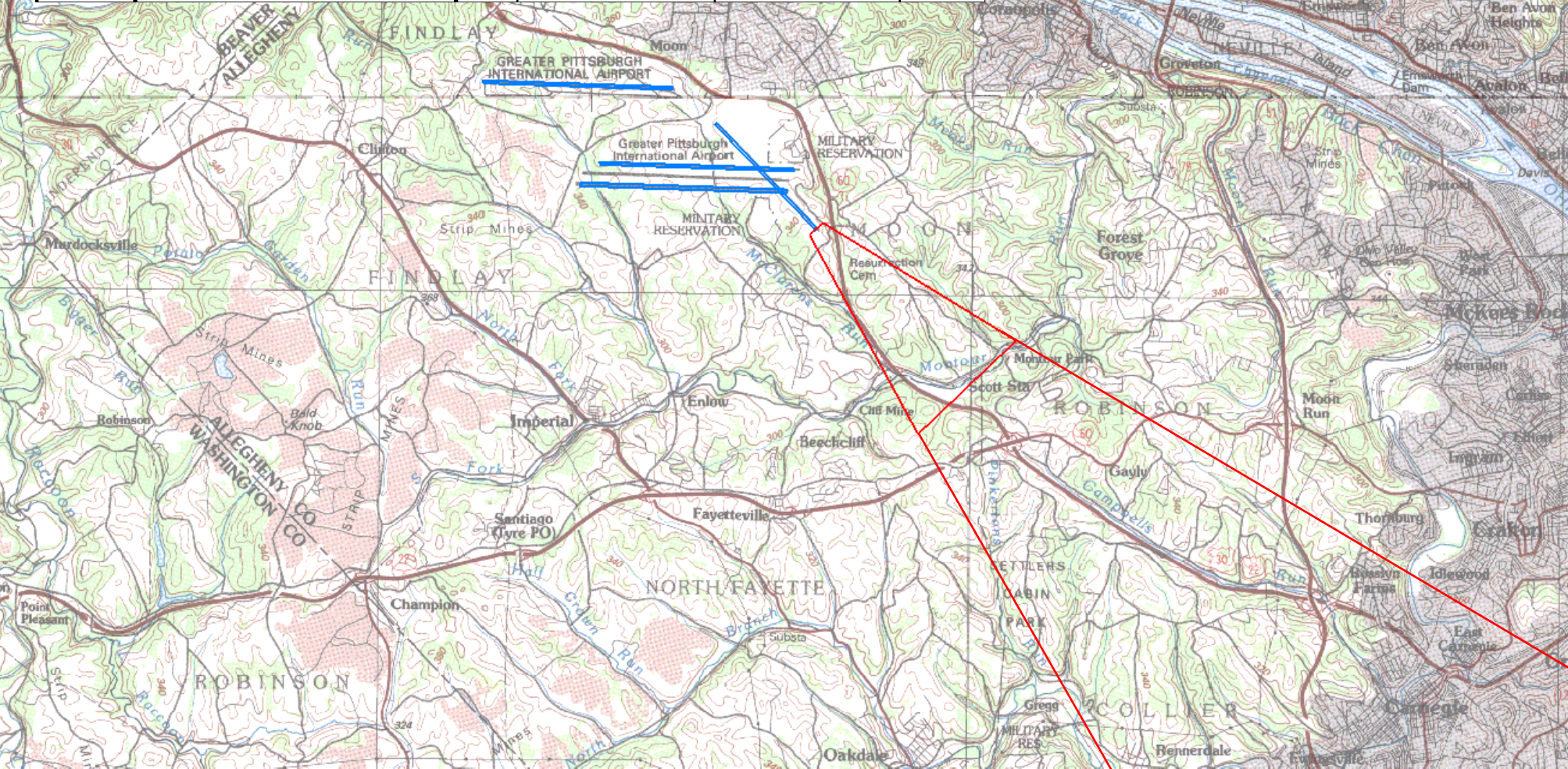


NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | pit\_dep14 (PROD) | 27 Apr 2016 07:27:38 | 1" = 8333.3 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH			ASC	
State:	PA				
Scale					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 14				

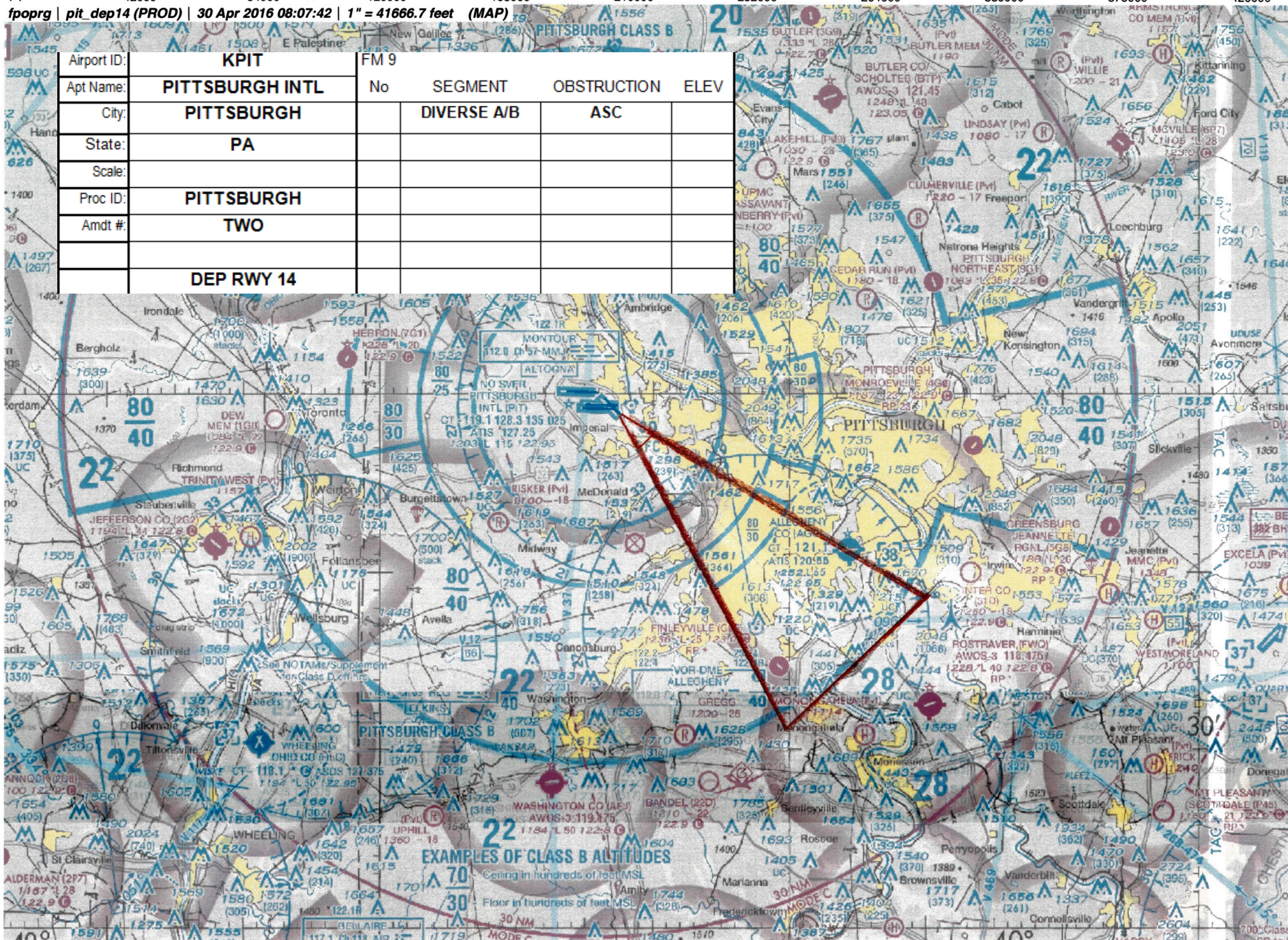




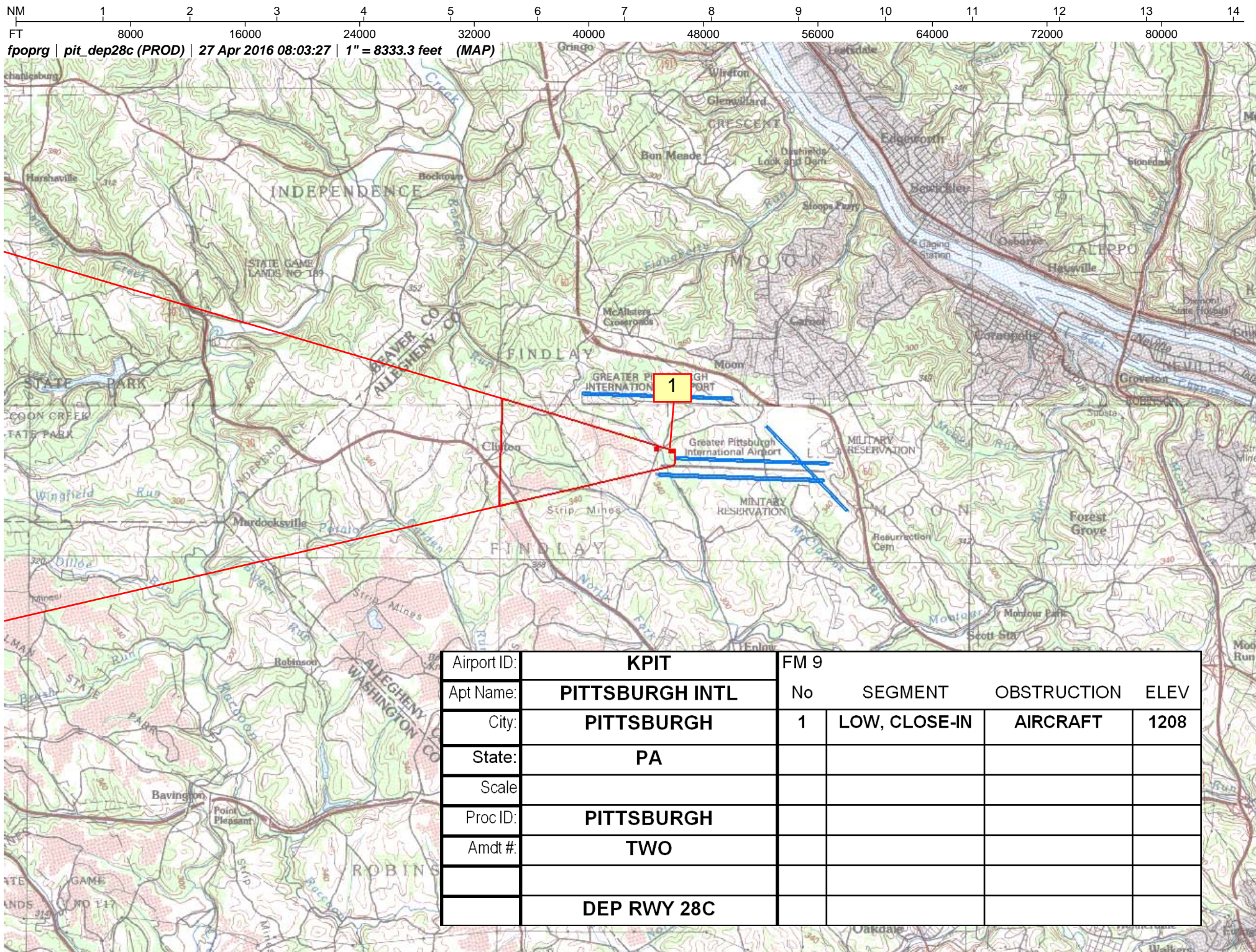
NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpoprg | pit\_dep14 (PROD) | 30 Apr 2016 08:07:42 | 1" = 41666.7 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH		DIVERSE A/B	ASC	
State:	PA				
Scale:					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 14				





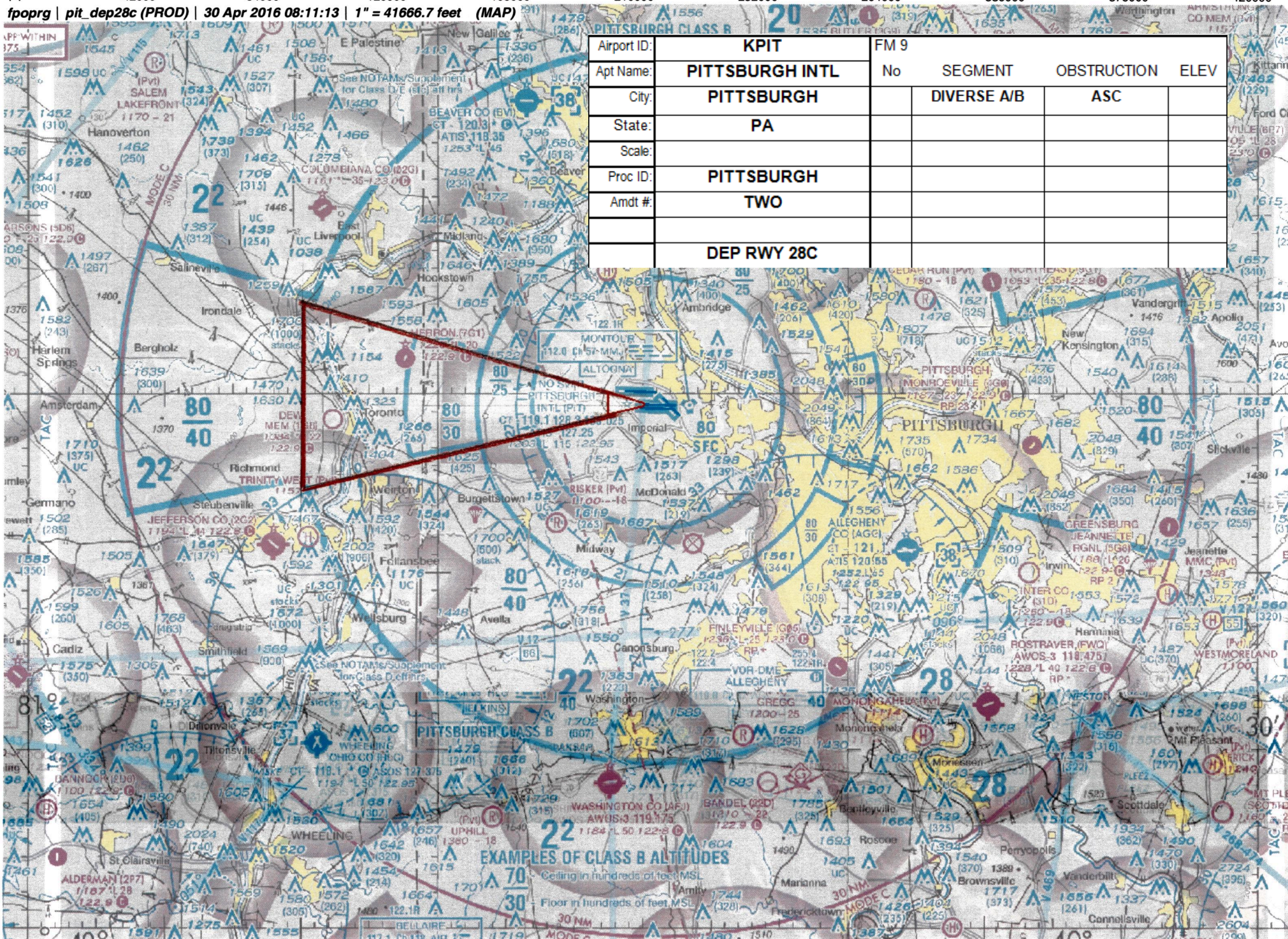




NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpoprg | pit\_dep28c (PROD) | 30 Apr 2016 08:11:13 | 1" = 41666.7 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH		DIVERSE A/B	ASC	
State:	PA				
Scale:					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 28C				

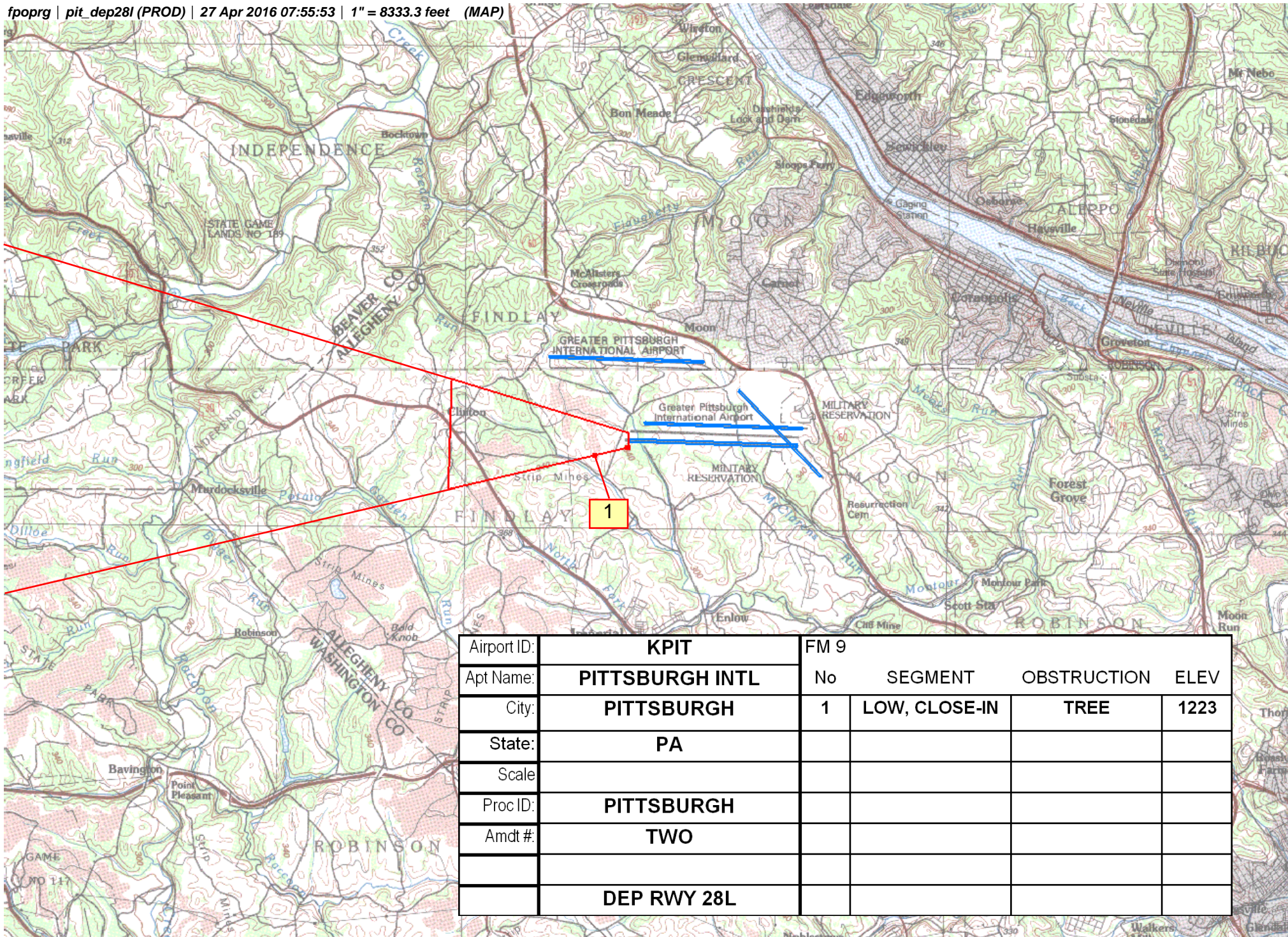




NM 1 2 3 4 5 6 7 8 9 10 11 12 13 14

FT 8000 16000 24000 32000 40000 48000 56000 64000 72000 80000

fpoprg | pit\_dep28l (PROD) | 27 Apr 2016 07:55:53 | 1" = 8333.3 feet (MAP)



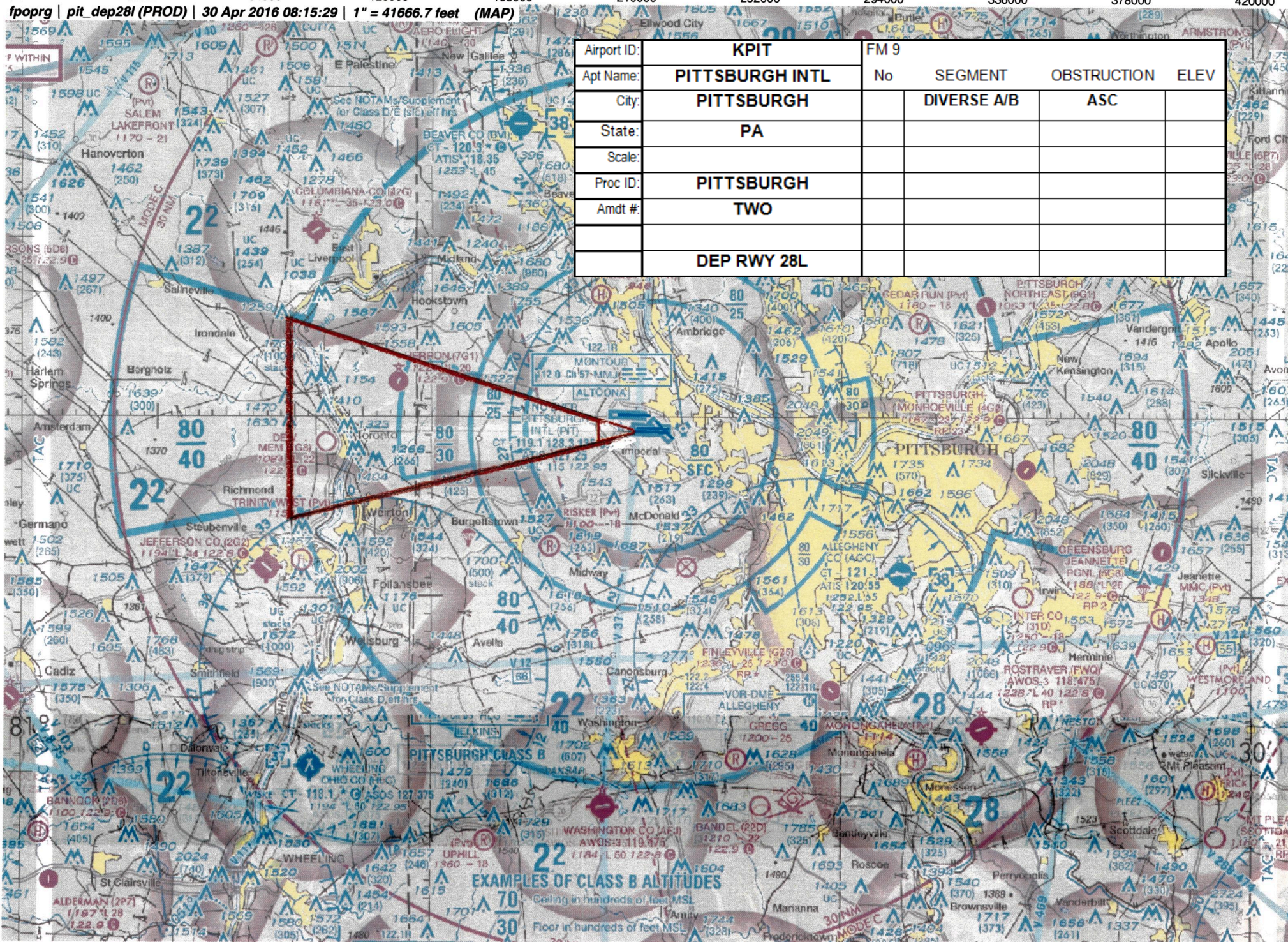
Airport ID:	KPIT		FM 9		
Apt Name:	PITTSBURGH INTL		No	SEGMENT	OBSTRUCTION
City:	PITTSBURGH		1	LOW, CLOSE-IN	TREE
State:	PA				
Scale					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 28L				



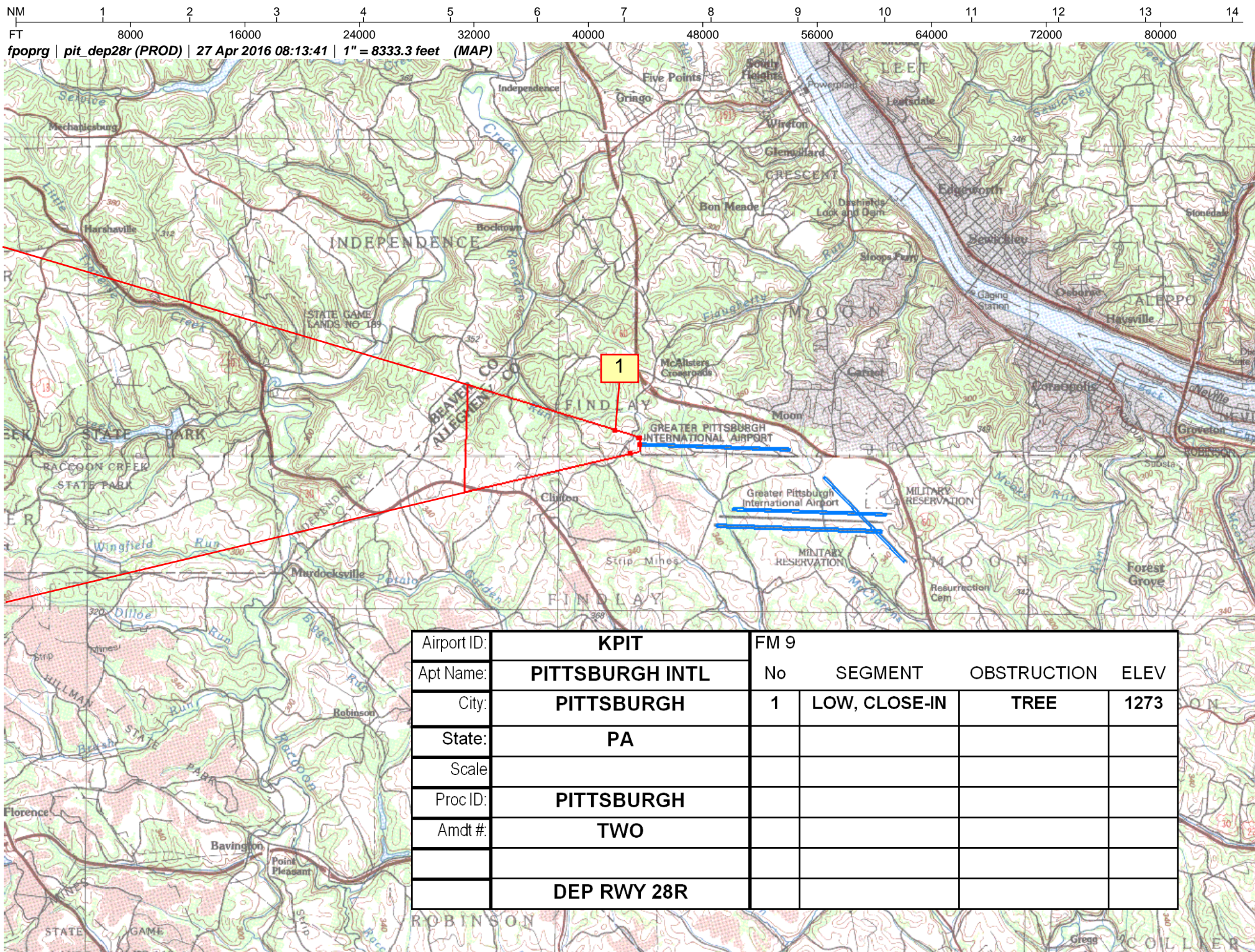
NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpoprg | pit\_dep28l (PROD) | 30 Apr 2016 08:15:29 | 1" = 41666.7 feet (MAP)

Airport ID:	KPIT	FM 9			
Apt Name:	PITTSBURGH INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	PITTSBURGH		DIVERSE A/B	ASC	
State:	PA				
Scale:					
Proc ID:	PITTSBURGH				
Amdt #:	TWO				
	DEP RWY 28L				



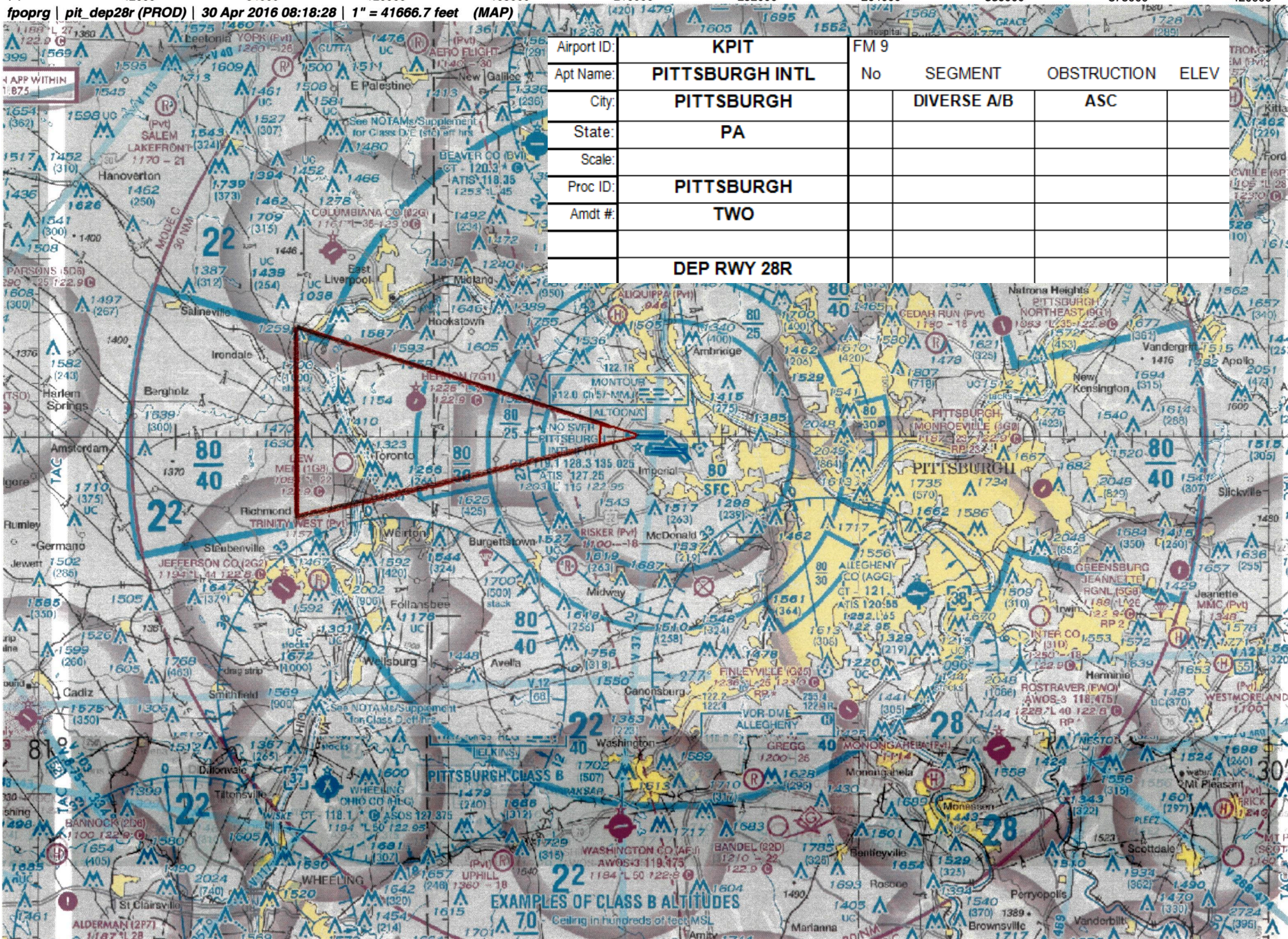






NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

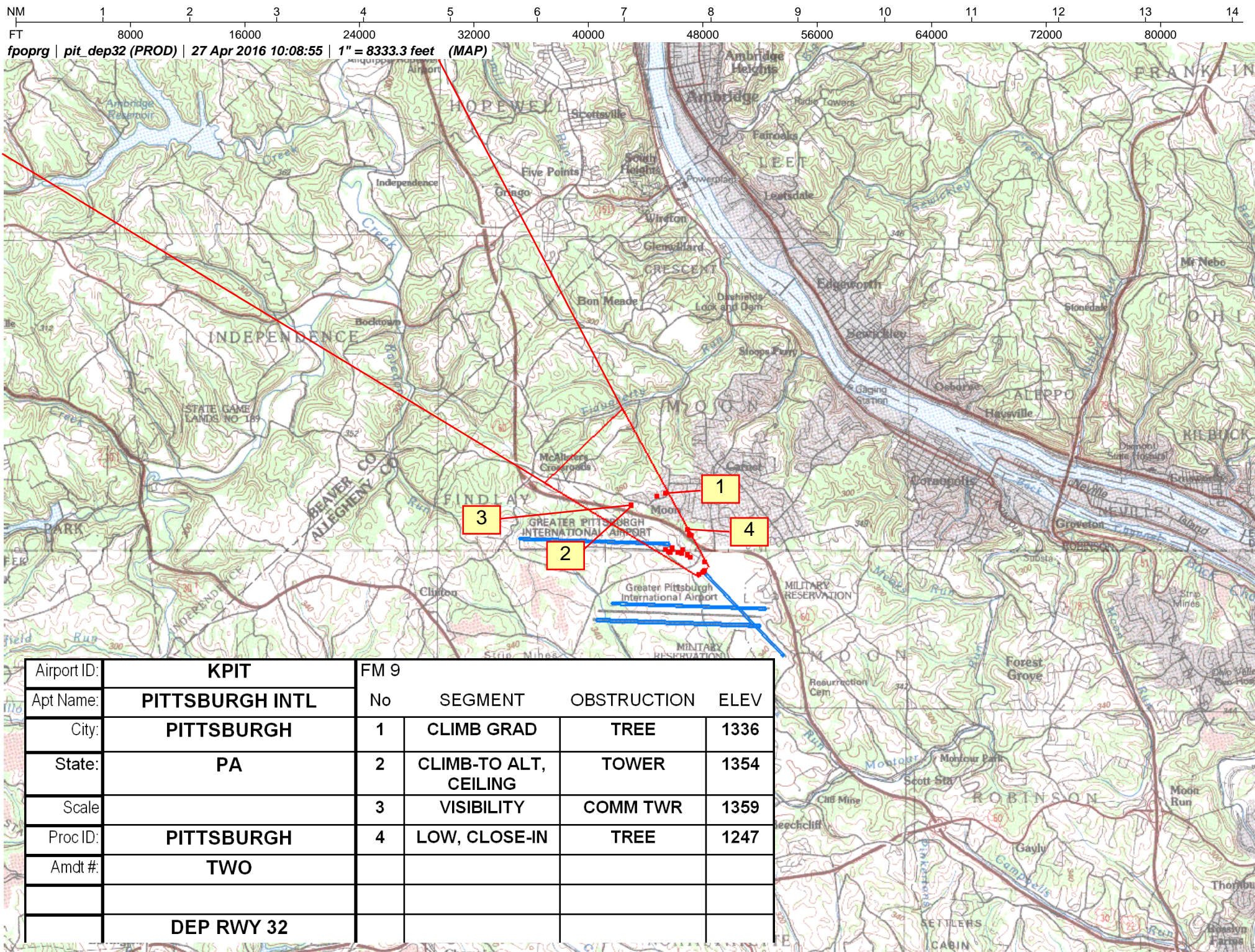
fpoprg | pit\_dep28r (PROD) | 30 Apr 2016 08:18:28 | 1" = 41666.7 feet (MAP)



EXAMPLES OF CLASS B ALTITUDES

Ceiling in hundreds of feet MSL







NM 7 14 21 28 35 42 49 56 63 70  
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

fpoprg | pit\_dep32 (PROD) | 30 Apr 2016 08:21:15 | 1" = 41666.7 feet (MAP)

