

Flight Procedure Tracking Form		Action: FLIGHT CHECK	Task Type: TEXTUAL DP	Date Open: 02/04/2012	Task #: 2011060927740802001	Request #: 20110609277408
Procedure: WASHINGTON PA KAFJ AMDT 4			Airport ID: KAFJ	Airport: WASHINGTON COUNTY		Reimbursable #:
City: WASHINGTON		ST: PA	GPS #:	Estimated Chart Date: 11/15/2012		FICO #:
Fac ID:	Fac. Type: <i>Proc-T</i>		Specialist: RONALD SALPINO			
Procedure Review						
	Rec'd	Rel'd	Full Name	Comments		
Lead:	04/24/2012	06/12/2012	MARLON ROBINSON			
QA:	06/12/2012	08/07/2012	STEVEN SZUKALA			
Liaison:	08/07/2012		<i>K. Spurlin</i>	P3		
Procedure Comments:				Remark Type: INFORMATION		
WASHINGTON, PA WASHINGTON COUNTY (KAFJ) TAKEOFF ODP, AMDT 4 ENROUTE-NO FC BY 10/2/12 PUB 11/15/12				<i>PKG 4 of 4</i>		
ATTACHED FORMS: 8260-15A; APPROVAL REQUEST.						
CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.						

NM 12 24 36 48 60 72 84
 FT 74000 148000 222000 296000 370000 444000 518000

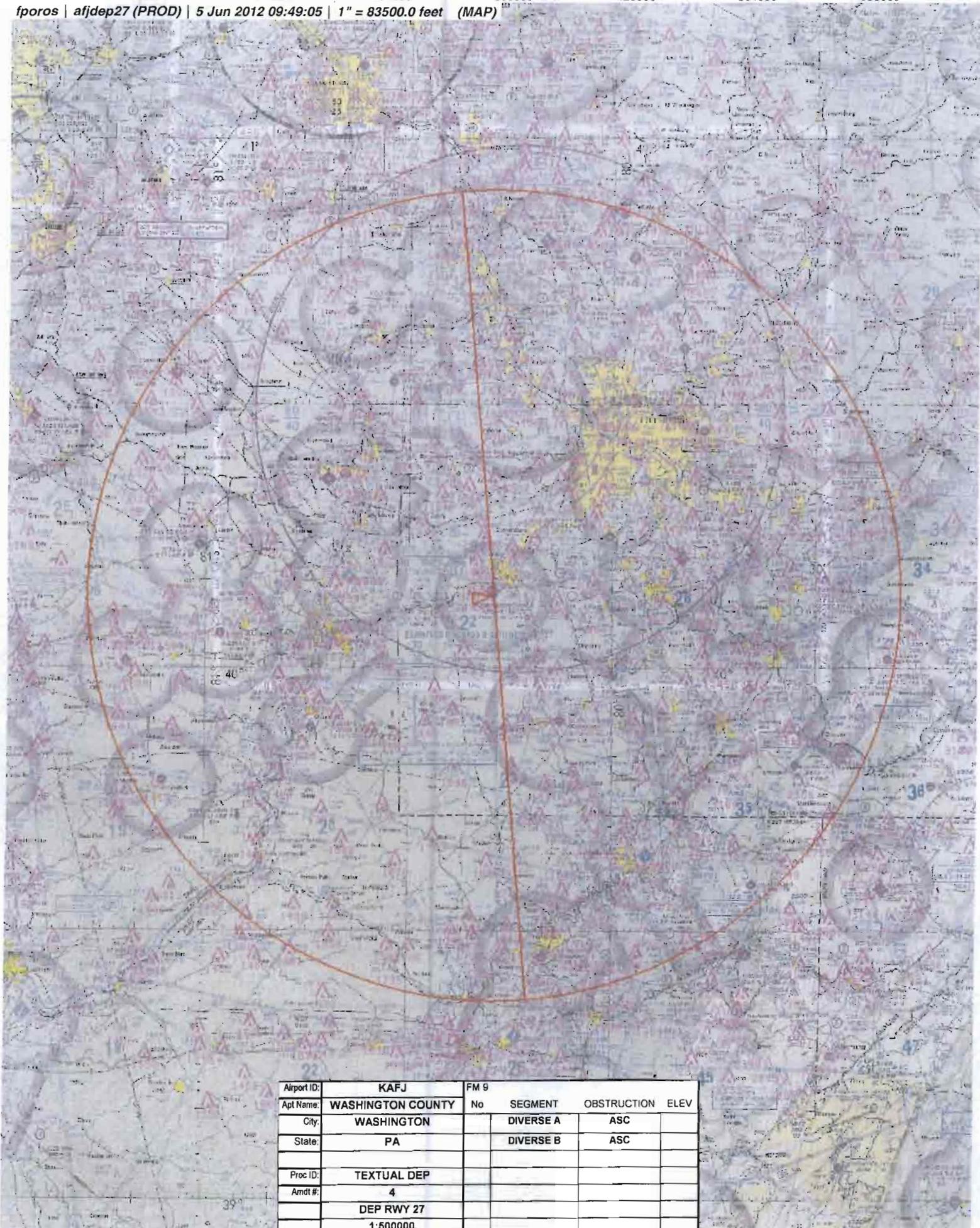
iporos | afjdep09 (PROD) | 6 Jun 2012 14:14:36 | 1" = 74367.2 feet (MAP)



Airport ID:	KAFJ	FM 9			
Apt Name:	WASHINGTON COUNTY	No	SEGMENT	OBSTRUCTION	ELEV
City:	WASHINGTON		DIVERSE A	ASC	
State:	PA		DIVERSE B	ASC	
Proc ID:	TEXTUAL DEP				
Amdt #:	4				
	DEP RWY 09				
	1:500000				

NM 14 28 42 56 70 84 98
 FT 84000 168000 252000 336000 420000 504000 588000

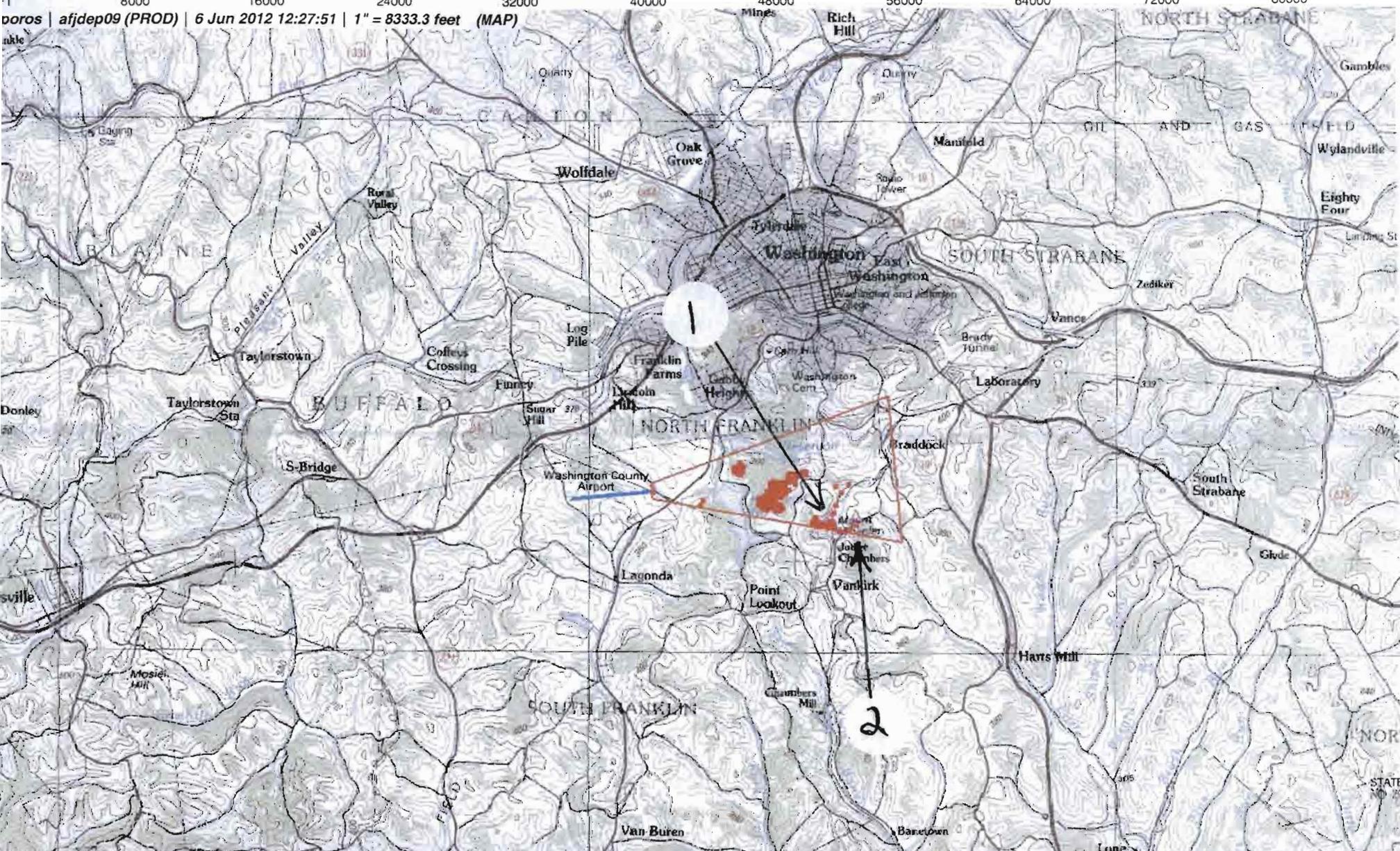
fporos | afjdep27 (PROD) | 5 Jun 2012 09:49:05 | 1" = 83500.0 feet (MAP)



Airport ID:	KAFJ	FM 9			
Apt Name:	WASHINGTON COUNTY	No	SEGMENT	OBSTRUCTION	ELEV
City:	WASHINGTON		DIVERSE A	ASC	
State:	PA		DIVERSE B	ASC	
Proc ID:	TEXTUAL DEP				
Amdt #:	4				
	DEP RWY 27				
	1:500000				

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

poros | afjdep09 (PROD) | 6 Jun 2012 12:27:51 | 1" = 8333.3 feet (MAP)



Airport ID:	KAFJ	FM 9			
Apt Name:	WASHINGTON COUNTY	No	SEGMENT	OBSTRUCTION	ELEV
City:	WASHINGTON	1	ICA	TWR (42-000061)	1721
State:	PA	2	ICA	TREE (KAFJT1994)	1488
Proc ID:	TEXTUAL DEP				
Amdt #:	4				
	DEP RWY 9				
	1:100000				

NM 1 2 3 4 5 6 7 8 9 10
 FT 8000 16000 24000 32000 40000 48000 56000 64000

fporos | afjdep27 (PROD) | 7 Jun 2012 08:15:44 | 1" = 8333.3 feet (MAP)



Airport ID:	KAFJ	FM 9			
Apt Name:	WASHINGTON COUNTY	No	SEGMENT	OBSTRUCTION	ELEV
City:	WASHINGTON	1	ICA	TREE (KAFJT0433)	1349
State:	PA	2	ICA	TREE (KAFJT1769)	1387
Proc ID:	TEXTUAL DEP				
Amdt#:	4				
	DEP RWY 27				
	1:100000				

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
WASHINGTON, PA	WASHINGTON COUNTY		4

TAKEOFF MINIMUMS:

RWY 9: 600 – 2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 397 FT PER NM TO 1900.
RWY 27: 300 – 1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 932 FT PER NM TO 1500.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 2940 FT FROM DER, 79 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1558 FT MSL. TOWERS BEGINNING 1.8 NM FROM DER, 2962 FT RIGHT OF CENTERLINE, UP TO 221 FT AGL/1721 FT MSL. TOP OF REIL 10 FT FROM DER, 89 FT RIGHT OF CENTERLINE, 1 FT AGL/1168 FT MSL. TREES BEGINNING 5205 FT FROM DER, 78 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1428 FT MSL.

NOTE: RWY 27, TREES BEGINNING 114 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1416 FT MSL. POLES BEGINNING 3068 FT FROM DER, 141 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1420 FT MSL. T-L TOWER 7681 FT FROM DER, 1652 FT RIGHT OF CENTERLINE, 92 FT AGL/1422 FT MSL. GROUND BEGINNING 451 FT FROM DER, 11 FT RIGHT OF CENTERLINE, 1326 FT MSL. GROUND BEGINNING 1159 FT FROM DER, 19 FT LEFT OF CENTERLINE, 1340 FT MSL. VEHICLE ON ROAD 1.3 NM FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/1317 FT MSL. VEHICLE ON ROAD BEGINNING 1 FT FROM DER, 170 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/1199 FT MSL. BUILDINGS BEGINNING 3163 FT FROM DER, 41 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/1320 FT MSL. LT SUPPORT STRUCTURES BEGINNING 3112 FT FROM DER, 129 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/1307 FT MSL. FENCES BEGINNING 3243 FT FROM DER, 229 FT RIGHT OF CENTERLINE, 7 FT AGL/1310 FT MSL. TREES BEGINNING 8 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1420 FT MSL. POLES BEGINNING 3274 FT FROM DER, 363 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/1414 FT MSL. VEHICLE ON ROAD 1.3 NM FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/1317 FT MSL. BUILDINGS BEGINNING 3092 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/1380 FT MSL. LT SUPPORT STRUCTURES 3474 FT FROM DER, 736 FT LEFT OF CENTERLINE, 17 FT AGL/1317 FT MSL. FENCE BEGINNING 3226 FT FROM DER, 220 FT LEFT OF CENTERLINE UP TO 25 FT AGL/1296 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 1721 MSL TOWER 400751.00N/0801430.00W.
RWY 27: 1349 MSL TREE 400759.33N/0801814.04W.

REMARKS:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
WASHINGTON, PA	WASHINGTON COUNTY		4

FLIGHT INSPECTED BY:

Curt E. Draper

09/20/2012

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

RONALD O. SALPINO

AJV-352

5/31/2012

APPROVED BY:

DARRYEL ADAMS

AJV-352

COORDINATED WITH:

ATA, AOPA, NBAA, ZOB, AMGR, EASTERN FPO.

CHANGES:

1. CHANGED RUNWAY 9 CEILING, VISIBILITY AND CLIMB GRADIENT FROM 700-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 475 FT PER NM TO 2100 TO 600 – 2 1/2 OR STANDARD WITH MINIMUM CLIMB GRADIENT OF 397 FT PER NM TO 1900.
2. CHANGED RUNWAY 27 VISIBILITY FROM 1 1/2 TO 1 3/4.
3. RUNWAY 27, ADDED STANDARD WITH MINIMUM CLIMB OF 932 FT PER NM TO 1500.

REASONS:

1. OBSTACLE KAFJT194 REMOVED FROM DATA BASE, NEW OBSTACLE IDENTIFIED.
2. NEW PENETRATING OBSTACLE LOCATED 7994.27 FT FROM DER.
3. IAW CRITERIA AND AN APPROVAL LETTER SUBMITTED WITH THIS PACKAGE.

10/24/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/18/2012.
1. ADDED CONTROLLING OBSTACLES FOR RWY 9 AND RWY 27.





Federal Aviation Administration

Memorandum

Date:

To: Manager, Flight Procedure Standards

From: Gregory Yamamoto
Manager, Terminal Products Group

Subject: **ACTION:** Approval Request

Takeoff Minimums Rwy 27, Washington County, Washington, PA (AFJ).

Climb gradient exceeds 500 feet per NM, 8260.46D, paragraph 2-1d(2).

A 1349 MSL surveyed tree in the ICA requires a climb of 932 feet per NM to 1500. There are 47 additional surveyed obstacles in the ICA within 3 SM of the DER that require a climb in excess of 500 feet per NM to a climb to altitude up to 1500. Because of the location of the obstacles in the ICA, a departure route to avoid them can't be constructed.

Rwy 09/27 is 5004 feet long. The airport is used by a variety of aircraft types. FAA Form 5010 for the airport lists 54 single engine, 11 multi-engine, and 9 jet aircraft based there.

Request to publish the following minimums: 300 – 1 3/4 or standard with minimum climb of 932 feet per NM to 1500. If disapproved, recommend publishing 300 – 1 3/4.

Attachments