

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

AIRPORT ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
AFJ	WASHINGTON	PA	5	7 AUGUST 2025

TAKEOFF MINIMUMS:

RWY 9: 600-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 400 FT/NM TO 1900.
RWY 27: 300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 965 FT/NM TO 1500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 9: CLIMB ON HEADING 093.03 TO 1600 BEFORE TURNING.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9: UTILITY BUILDING 10 FT FROM DER, 89 FT RIGHT OF CENTERLINE, 2 FT AGL/1168 FT MSL.
TREES BEGINNING 2940 FT FROM DER, 893 FT RIGHT OF CENTERLINE, UP TO 1314 FT MSL.
TREES BEGINNING 5205 FT FROM DER, 745 FT LEFT OF CENTERLINE, UP TO 1305 FT MSL.
TREES BEGINNING 5275 FT FROM DER, 643 FT LEFT OF CENTERLINE, UP TO 1320 FT MSL.
TREES BEGINNING 5364 FT FROM DER, 595 FT LEFT OF CENTERLINE, UP TO 1327 FT MSL.
TREES BEGINNING 5455 FT FROM DER, 530 FT LEFT OF CENTERLINE, UP TO 1337 FT MSL.
TREES BEGINNING 1 NM FROM DER, 1057 FT RIGHT OF CENTERLINE, UP TO 1347 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 206 FT RIGHT OF CENTERLINE, UP TO 1452 FT MSL.
TREES, TERRAIN, BUILDINGS BEGINNING 1.2 NM FROM DER, 77 FT RIGHT OF CENTERLINE, UP TO 1455 FT MSL.
TREE 1.3 NM FROM DER, 195 FT LEFT OF CENTERLINE, 1379 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 1400 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 1409 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 166 FT LEFT OF CENTERLINE, UP TO 1420 FT MSL.
TREE 1.5 NM FROM DER, 346 FT LEFT OF CENTERLINE, 1422 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 1428 FT MSL.
TREE 1.6 NM FROM DER, 2893 FT RIGHT OF CENTERLINE, 1476 FT MSL.
TREE 1.6 NM FROM DER, 2970 FT RIGHT OF CENTERLINE, 1512 FT MSL.
TREE 1.6 NM FROM DER, 2981 FT RIGHT OF CENTERLINE, 1515 FT MSL.
TREE 1.7 NM FROM DER, 3019 FT RIGHT OF CENTERLINE, 1526 FT MSL.
TOWERS, TREES BEGINNING 1.7 NM FROM DER, 2966 FT RIGHT OF CENTERLINE, UP TO 215 FT AGL/1705 FT MSL.
TOWER 1.8 NM FROM DER, 3118 FT RIGHT OF CENTERLINE, 205 FT AGL/1710 FT MSL.
TOWERS, TREES BEGINNING 1.8 NM FROM DER, 678 FT RIGHT OF CENTERLINE, UP TO 221 FT AGL/1717 FT MSL.
TREE 2 NM FROM DER, 3311 FT RIGHT OF CENTERLINE, 1488 FT MSL.

NOTE: RWY 27: VEHICLES ON ROAD, TREE BEGINNING 1 FT FROM DER, 212 FT RIGHT OF CENTERLINE, UP TO 1190 FT MSL.
TREES BEGINNING 12 FT FROM DER, 248 FT LEFT OF CENTERLINE, UP TO 1199 FT MSL.
VEHICLES ON ROAD BEGINNING 190 FT FROM DER, 247 FT RIGHT OF CENTERLINE, UP TO 1193 FT MSL.
VEHICLES ON ROAD BEGINNING 265 FT FROM DER, 330 FT RIGHT OF CENTERLINE, UP TO 1199 FT MSL.
TREE, VEHICLES ON ROAD, TERRAIN BEGINNING 365 FT FROM DER, 171 FT RIGHT OF CENTERLINE, UP TO 1248 FT MSL.
TREES BEGINNING 555 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 1257 FT MSL.
TREES BEGINNING 557 FT FROM DER, 518 FT LEFT OF CENTERLINE, UP TO 1210 FT MSL.
TREES BEGINNING 863 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 1228 FT MSL.
TREE, TERRAIN BEGINNING 1005 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 1268 FT MSL.
TREES BEGINNING 1256 FT FROM DER, 387 FT LEFT OF CENTERLINE, UP TO 1290 FT MSL.
TREES BEGINNING 1321 FT FROM DER, 478 FT LEFT OF CENTERLINE, UP TO 1293 FT MSL.
TREES, TERRAIN BEGINNING 1421 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 1349 FT MSL.
TREES BEGINNING 1822 FT FROM DER, 111 FT RIGHT OF CENTERLINE, UP TO 1277 FT MSL.
TREES BEGINNING 1961 FT FROM DER, 505 FT RIGHT OF CENTERLINE, UP TO 1291 FT MSL.
TREES BEGINNING 2138 FT FROM DER, 728 FT RIGHT OF CENTERLINE, UP TO 1302 FT MSL.
TREE 2281 FT FROM DER, 902 FT RIGHT OF CENTERLINE, 1303 FT MSL.
TREES BEGINNING 2343 FT FROM DER, 215 FT RIGHT OF CENTERLINE, UP TO 1338 FT MSL.
TREE 2463 FT FROM DER, 703 FT LEFT OF CENTERLINE, 1368 FT MSL.
TREES, TERRAIN BEGINNING 2479 FT FROM DER, 101 FT LEFT OF CENTERLINE, UP TO 1371 FT MSL.
TREES BEGINNING 2525 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 1352 FT MSL.
TREES, TERRAIN, VEHICLES ON ROAD, POLES, BUILDINGS, FENCES BEGINNING 2659 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 1388 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 2719 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 1373 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 2793 FT FROM DER, 131 FT LEFT OF CENTERLINE, UP TO 1378 FT MSL.
TREES, VEHICLES ON ROAD, TERRAIN BEGINNING 2895 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 1393 FT MSL.
TREES, VERTICALSTRUCTURE, TERRAIN, VEHICLES ON ROAD, BUILDING BEGINNING 3019 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 1399 FT MSL.
TREES, VEHICLES ON ROAD, TERRAIN, FENCE BEGINNING 3162 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 1402 FT MSL.
TREES, VEHICLES ON ROAD, TERRAIN, FENCES, POLES, TOWER, BUILDING BEGINNING 3238 FT FROM DER, 67 FT LEFT OF CENTERLINE, UP TO



AIRPORT ID
AFJ

CITY
WASHINGTON

STATE
PA

AMDT NO
5

ACTUAL EFFECTIVE DATE
7 AUGUST 2025

1419 FT MSL.
TREES, VEHICLES ON ROAD, POLES, TERRAIN BEGINNING 3431 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 1420 FT MSL.
TREES BEGINNING 3873 FT FROM DER, 1188 FT RIGHT OF CENTERLINE, UP TO 1394 FT MSL.
TREES, TERRAIN, FENCES BEGINNING 3943 FT FROM DER, 498 FT RIGHT OF CENTERLINE, UP TO 1416 FT MSL.
POLE, TRANSMISSION LINE, TREE, BUILDING BEGINNING 1.2 NM FROM DER, 1043 FT RIGHT OF CENTERLINE, UP TO 92 FT AGL/1422 FT MSL.
TREE 1.3 NM FROM DER, 2487 FT RIGHT OF CENTERLINE, 1384 FT MSL.

CONTROLLING OBSTACLES:

RWY 9: 1717 FT MSL TOWER 400752.16N/0801427.73W (CLIMB GRADIENT TERMINATION ALTITUDE) (CEILING), 1705 FT MSL TOWER 400752.82N/0801430.96W (CLIMB GRADIENT), 1488 FT MSL TREE 400751.51N/0801408.66W (VISIBILITY).
RWY 27: 1349 FT MSL TREE 400759.33N/0801814.04W (CLIMB GRADIENT), 1384 FT MSL TREE 400826.67N/0801944.35W (VISIBILITY), 1422 FT MSL TRANSMISSION_LINE 400818.88N/0801937.15W (CEILING), 1419 FT MSL TREE 400756.62N/0801837.21W (CLIMB GRADIENT TERMINATION ALTITUDE).
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 9: 1547 FT MSL TREE 400727.00N/0801427.00W.

REMARKS:

100 FT VEGETATION USED PER FPT.
LETTER OF APPROVAL REQUESTED FOR CLIMB GRADIENT MORE THAN 500 FT/NM.

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
DARRYL J WILSON	CASEY D HILL	AJF	04/18/2025
	Apr 23, 2025		

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
ROBERT G HAMILTON (ANDRE TUCKER)	CASEY D HILL	AJV-A431	02/24/2025
	Apr 23, 2025		

<u>APPROVED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
ROBERT G HAMILTON	CASEY D HILL	AJV-A433	07/03/2025	MANAGER
	Apr 23, 2025			

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZOB, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: CHANGED RWY 9 CLIMB GRADIENT FROM 397 FT/NM TO 400 FT/NM. - NEW EVAL COMPLETE WITH NEW CONT OBST.
2. TAKEOFF MINIMUMS: CHANGED RWY 27 FROM "300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 932 FT PER NM TO 1500" TO "300-1 5/8 OR STANDARD WITH MINIMUM CLIMB OF 965 FT/NM TO 1500". - NEW EVAL COMPLETE VIS CONT OBST, NEW EVAL DONE IN TARGETS WITH DIFFERENT DISTANCES TO CG CONT OBST, AND IAW 8260.46J.
3. TEXTUAL DEPARTURE PROCEDURE: ADDED INSTRUCTIONS FOR RWY 9. - AVOID DIVERSE SECTION A PENETRATIONS.
4. TAKEOFF OBSTACLE NOTES: UPDATED TAKEOFF OBSTACLE NOTES. - NEW EVAL COMPLETED.
5. CONTROLLING OBSTACLES: CHANGED RWY 9 OBST FROM "1721 MSL TOWER 400751.00N/0801430.00W" TO "1717 FT MSL TOWER 400752.16N/0801427.73W (CLIMB GRADIENT TERMINATION ALTITUDE)" AND ADDED CEILING/CG/VIS OBSTS. - NEW EVAL COMPLETED AND IAW 8260.46J.
6. CONTROLLING OBSTACLES: CHANGED RWY 27 FROM "1349 MSL TREE" TO "1349 FT MSL TREE" AND ADDED CEILING/CG TERMINATION ALT/VIS OBSTS. - IAW 8260.46J.
7. CONTROLLING OBSTACLES: ADDED ROUTING OBST FOR RWY 9. - IAW 8260.46J.
8. REMARKS: ADDED 100 FT VEGETATION USED PER FPT AND LETTER OF APPROVAL REQUESTED FOR CLIMB GRADIENT MORE THAN 500 FT/NM. - IAW 8260.46J.

