

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
MIDDLETOWN, DE	SUMMIT	20 JUNE 2019	2B

TAKEOFF MINIMUMS:

RWY 11, 29: NA - ENVIRONMENTAL.

RWY 17: STANDARD.

RWY 35: 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 400.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17: TREES BEGINNING 14 FT FROM DER, 474 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/111 FT MSL. TREE 1277 FT FROM DER, 395 FT RIGHT OF CENTERLINE, 60 FT AGL/126 FT MSL. TREE 1349 FT FROM DER, 661 FT RIGHT OF CENTERLINE, 91 FT AGL/156 FT MSL. POLE AND CATENARY BEGINNING 1379 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 34 FT AGL/101 FT MSL. TREE 1627 FT FROM DER, 906 FT RIGHT OF CENTERLINE, 97 FT AGL/160 FT MSL. TREES BEGINNING 1639 FT FROM DER, 384 FT RIGHT OF CENTERLINE, UP TO 97 FT AGL/161 FT MSL.

NOTE: RWY 35: TREE 39 FT FROM DER, 475 FT LEFT OF CENTERLINE, 50 FT AGL/115 FT MSL. TRAVERSE WAY 350 FT FROM DER, 404 FT RIGHT OF CENTERLINE, 81 FT MSL. POLE 357 FT FROM DER, 487 FT RIGHT OF CENTERLINE, 43 FT AGL/104 FT MSL. TREES BEGINNING 381 FT FROM DER, 359 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/119 FT MSL. POLES AND TREE BEGINNING 689 FT FROM DER, 28 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/106 FT MSL. TREES BEGINNING 1380 FT FROM DER, 43 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/127 FT MSL. TREES AND ELEVATOR BEGINNING 1782 FT FROM DER, 194 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/128 FT MSL. TREES BEGINNING 1970 FT FROM DER, 368 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/127 FT MSL. TREE 3473 FT FROM DER, 167 FT LEFT OF CENTERLINE, 88 FT AGL/157 FT MSL. TRANSMISSION LINE 5084 FT FROM DER, 575 FT RIGHT OF CENTERLINE, 178 FT AGL/243 FT MSL. TOWER 5086 FT FROM DER, 1066 FT RIGHT OF CENTERLINE, 202 FT AGL/255 FT MSL. TOWER 5591 FT FROM DER, 1094 FT RIGHT OF CENTERLINE, 169 FT AGL/257 FT MSL. TRANSMISSION LINE 5734 FT FROM DER, 564 FT RIGHT OF CENTERLINE, 170 FT AGL/245 FT MSL.

CONTROLLING OBSTACLES:

RWY 35: 255 FT MSL TOWER 393226.10N/0754324.67W (CLIMB GRADIENT/CLIMB-TO ALTITUDE), 257 FT MSL TOWER 393231.00N/0754326.00W (CEILING), 245 FT MSL TRANSMISSION LINE 393231.00N/0754333.00W (VISIBILITY).

REMARKS:

FLIGHT INSPECTED BY:

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018,
SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED. *Digitally signed by*

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

Digitally signed by

DAVID DANNER

OFFICE SYMBOL:

DATE:

DAVID DANNER (DEAN GRACEY)

DAVID DANNER

Feb 06, 2019

AJV-A421

12/17/2018

Digitally signed by

Feb 06, 2019

APPROVED BY:

DAVID DANNER

OFFICE SYMBOL:

DATE:

JULIE MORGAN

Feb 06, 2019

AJV-A42

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

ZDC, PHL APCH, ILG ATCT, ARPT MGR, EASTERN FPT

CHANGES - REASONS:

ADDED TAKEOFF MINIMUMS: RWY 11, 29: NA - ENVIRONMENTAL - ODP - IFR DEPARTURES NOT PERMITTED FROM TURF RWYS THAT HAVE NOT BEEN APPROVED BY RAPT - IAW SOP UNPAVED RUNWAYS (1.2).

