

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
WESTCHESTER	SIX	HPN6.HPN	FIVE	08/20/2015	22 JUN 2017

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

This is a corrected copy of the procedure published in NFDD 067.
See page 3 for details.

DP ROUTE DESCRIPTION:

TAKE-OFF RWY 11: CLIMB HEADING 114.40, MAINTAIN 3000. THENCE...

TAKE-OFF RWY 29: CLIMB HEADING 294.40, MAINTAIN 3000. THENCE...

***TAKE-OFF RWY 16:** CLIMB HEADING 161.92 TO 800, THEN CLIMBING RIGHT TURN HEADING 320.00, MAINTAIN 3000. THENCE...

TAKE-OFF RWY 34: CLIMB HEADING 341.92 TO 1000, THEN CLIMBING LEFT TURN HEADING 295.00, MAINTAIN 3000. THENCE...

...ON VECTORS TO ASSIGNED ROUTE/FIX. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL TEN (10) MINUTES AFTER DEPARTURE.

***NOTE:** DO NOT EXCEED 190 KIAS UNTIL ESTABLISHED ON HEADING 320.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
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PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: BAYYS DEPARTURES EXPECT VECTORS TO BDR VOR/DME OR BDR R-054.

NOTE: BIGGY DEPARTURES EXPECT VECTORS TO SBJ/SBJ R-237.

NOTE: COATE DEPARTURES EXPECT VECTORS TO SAX VORTAC OR SAX R-311.

NOTE: DIXIE DEPARTURES EXPECT VECTORS TO JFK VOR/DME.

NOTE: ELIOT DEPARTURES EXPECT VECTORS TO SAX R-252. ELIOT MAY BE ACCESSED BY ALL TYPE AIRCRAFT REQUESTING A FINAL ALTITUDE OF 14000 TO 16000.

NOTE: GAYEL DEPARTURES EXPECT VECTORS TO DPK R-320.

NOTE: GREKI DEPARTURES EXPECT VECTORS TO CMK R-057.

NOTE: HAAYS DEPARTURES EXPECT VECTORS TO HUO R-145.

NOTE: LAANA DEPARTURES EXPECT VECTORS TO PTW R-059.

NOTE: MERIT DEPARTURES EXPECT VECTORS TO LGA R-055.

NOTE: NEION DEPARTURES EXPECT VECTORS TO LGA R-322.

NOTE: NEWEL DEPARTURES EXPECT VECTORS TO SAX R-264. NEWEL MAY BE ACCESSED BY TURBOJET AIRCRAFT ONLY REQUESTING A FINAL ALTITUDE AT OR ABOVE FLIGHT LEVEL 180.

NOTE: PARKE DEPARTURES EXPECT VECTORS TO BWZ/BWZ R-250.

NOTE: SHIPP DEPARTURES EXPECT VECTORS TO JFK/JFK R-139.

NOTE: WAVEY DEPARTURES EXPECT VECTORS TO JFK/JFK R-156.

NOTE: WHITE DEPARTURES EXPECT VECTORS TO COL VOR/DME OR COL R-204.

NOTE: ZIMMZ DEPARTURES EXPECT VECTORS TO SAX R-250. ZIMMZ MAY BE ACCESSED BY ALL TYPE AIRCRAFT REQUESTING A FINAL ALTITUDE AT OR ABOVE FLIGHT LEVEL 180.

TAKEOFF MINIMUMS:**TAKEOFF MINIMUMS:**

RWY 11, 16, 34, STANDARD.

RWY 29, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 700, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FT PRIOR TO DER.

QUALITY
7
CHECKED

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TAKEOFF OBSTACLES NOTES:

NOTE: RWY 11, SIGN 22 FT FROM DER, 176 FT LEFT OF CENTERLINE, 3 FT AGL/390 FT MSL. VEHICLES ON ROAD 68 FT FROM DER, 167 FT RIGHT OF CENTERLINE, 390 FT MSL. TREES BEGINNING 107 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 450 FT MSL. TERRAIN 140 FT FROM DER, 248 FT LEFT OF CENTERLINE, 392 FT MSL. TREE 148 FT FROM DER, 511 FT LEFT OF CENTERLINE, 472 FT MSL. TREES BEGINNING 164 FT FROM DER, 78 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/477 FT MSL. TREES BEGINNING 187 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/468 FT MSL. TREES BEGINNING 379 FT FROM DER, 553 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/482 FT MSL. TREES BEGINNING 411 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/484 FT MSL. TREES BEGINNING 484 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/491 FT MSL. TREE AND BLDG BEGINNING 589 FT FROM DER, 98 FT LEFT OF CENTERLINE, UP TO 499 FT MSL. TREE AND BLDG BEGINNING 599 FT FROM DER, 33 FT LEFT OF CENTERLINE, UP TO 104 FT AGL/502 FT MSL. TREE AND BLDG BEGINNING 651 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 111 FT AGL/493 FT MSL. TREES BEGINNING 703 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 507 FT MSL. TREE, BLDG, AND POLE BEGINNING 760 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 113 FT AGL/523 FT MSL. TREE 1083 FT FROM DER, 666 FT LEFT OF CENTERLINE, 526 FT MSL. TREE 1099 FT FROM DER, 733 FT LEFT OF CENTERLINE, 79 FT AGL/528 FT MSL. TREE, BLDG, POLE, AND FLGPL BEGINNING 1100 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 530 FT MSL. TREES BEGINNING 1434 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/532 FT MSL.

NOTE: RWY 16, TAXIWAY LIGHT 131 FT FROM DER, 499 FT LEFT OF CENTERLINE, 1 FT AGL/384 FT MSL. TERRAIN 273 FT FROM DER, 515 FT LEFT OF CENTERLINE, 387 FT MSL. TREES BEGINNING 999 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 109 FT AGL/436 FT MSL. TREE 1096 FT FROM DER, 663 FT RIGHT OF CENTERLINE, 86 FT AGL/425 FT MSL. TREES BEGINNING 1098 FT FROM DER, 226 FT RIGHT OF CENTERLINE, UP TO 112 FT AGL/454 FT MSL. BLDG 3433 FT FROM DER, 604 FT LEFT OF CENTERLINE, 60 FT AGL/467 FT MSL.

NOTE: RWY 29, TREE AND REIL BEGINNING 6 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/407 FT MSL. TREE AND POLE BEGINNING 22 FT FROM DER, 174 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/416 FT MSL. SIGN 24 FT FROM DER, 252 FT LEFT OF CENTERLINE, 3 FT AGL/398 FT MSL. TREE AND POLE BEGINNING 198 FT FROM DER, 478 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/435 FT MSL. TREE 231 FT FROM DER, 522 FT RIGHT OF CENTERLINE, 444 FT MSL. TREE 255 FT FROM DER, 503 FT LEFT OF CENTERLINE, 425 FT MSL. TREE AND POLE BEGINNING 273 FT FROM DER, ON CENTERLINE, UP TO 80 FT AGL/452 FT MSL. TREE 364 FT FROM DER, 462 FT LEFT OF CENTERLINE, 433 FT MSL. TREES BEGINNING 396 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 477 FT MSL. TREE 458 FT FROM DER, 467 FT LEFT OF CENTERLINE, 113 FT AGL/486 FT MSL. TREES BEGINNING 459 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 113 FT AGL/491 FT MSL. TREE AND POLE BEGINNING 771 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/494 FT MSL. TREE 1562 FT FROM DER, 895 FT LEFT OF CENTERLINE, 495 FT MSL. TREES BEGINNING 1584 FT FROM DER, 495 FT LEFT OF CENTERLINE, UP TO 106 FT AGL/502 FT MSL. TREE 1888 FT FROM DER, 884 FT LEFT OF CENTERLINE, 510 FT MSL. TREES BEGINNING 1890 FT FROM DER, 504 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/511 FT MSL. TREES BEGINNING 2018 FT FROM DER, 485 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/515 FT MSL. TREE 1.1 NM FROM DER, 878 FT RIGHT OF CENTERLINE, 86 FT AGL/600 FT MSL. TREE AND TANK BEGINNING 1.1 NM FROM DER, 733 FT RIGHT OF CENTERLINE, UP TO 602 FT MSL. TREE, TOWER, AND TANK BEGINNING 1.1 NM FROM DER, 681 FT RIGHT OF CENTERLINE, UP TO 96 FT AGL/603 FT MSL.

NOTE: RWY 34, POLE 167 FT FROM DER, 282 FT RIGHT OF CENTERLINE, 26 FT AGL/456 FT MSL. TREES BEGINNING 812 FT FROM DER, 298 FT LEFT OF CENTERLINE, UP TO 102 FT AGL/518 FT MSL. TREES BEGINNING 1792 FT FROM DER, 719 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/499 FT MSL. TREES BEGINNING 2000 FT FROM DER, 751 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/509 FT MSL.

CONTROLLING OBSTACLES:

RWY 29: 603 FT MSL TREE 410425.85N/0734424.23W (CLIMB GRADIENT, CLIMB-TO ALTITUDE, CEILING). 601 FT MSL TANK 410423.76N/0734427.43W (VISIBILITY).

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: 3000.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
WESTCHESTER COUNTY	WHITE PLAINS	NY

COMMUNICATIONS:

CLNC DEL, TOWER (CTAF), NEW YORK DEP CON.

FIXES AND/OR NAVAIDS:

CMK VOR/DME, BDR VOR/DME, DPK VOR/DME, JFK VOR/DME, COL VOR/DME, LGA VOR/DME, SBJ VOR/DME, BWZ VOR/DME, HUO VOR/DME, PTW VORTAC, RBV VORTAC, SAX VORTAC, HAAYS, NEION, COATE, ELIOT, PARKE, NYACK, LANNA, BIGGY, WHITE, DIXIE, SHIPP, BAYYS, MERIT, GREKI, WAVEY, GAYEL, NEWEL, ZIMMZ.

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REMARKS:

RWY 29 CLIMB GRADIENT ROUNDED UP TO 235 FT PER NM FOR PUBLICATION (COMPUTED VALUE 233 FT PER NM).

FLIGHT INSPECTED BY:

STEPHEN BAUER

*Digitally signed by***ROBERT G HAMILTON**

Apr 07, 2017

OFFICE SYMBOL:

FICO

DATE:

03/24/2017

DEVELOPED BY:

PETER GUIMOND

*Digitally signed by***PETER R GUIMOND**

Apr 14, 2016

OFFICE SYMBOL:

AJV-5422

DATE:

04/14/2016

APPROVED BY:

JULIE MORGAN

*Digitally signed by***ROBERT G HAMILTON**

Apr 07, 2017

OFFICE SYMBOL:

AJV-5420

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

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

OTHER:

ZBW, N90, HPN ATCT, AMGR.

CHANGES - REASONS:

1. AMENDED RWY 29 CLIMB GRADIENT FROM 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 800 TO READ 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 700, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 2000 FT PRIOR TO DER - MATCH DATA ON FAA FORM 15A, AMDT 8.
2. AMENDED RWY 29 CONTROLLING OBSTACLES FROM 629 FT MSL TREE AND 600 FT MSL WATER TANK TO 603 FT MSL TREE AND 601 FT MSL TANK -- MATCH DATA ON FAA FORM 15A, AMDT 8.
3. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS - MATCH DATA ON FAA FORM 15A, AMDT 8.

04/06/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/29/2017.

AMENDED NOTE DIXIE DEPARTURES EXPECT VECTORS TO COL/COL R-192 TO READ DIXIE DEPARTURES EXPECT VECTORS TO JFK VOR/DME.

QUALITY
7
CHECKED