

**U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)**

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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
WESTCHESTER	THREE	HPN3.HPN	TWO	31 JUL 08	

TYPE: SID

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):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 11, 16, 34, STANDARD. RWY 29, 200-1 ½ OR STANDARD WITH MINIMUM CLIMB OF 230 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 1900 FT PRIOR TO DEPARTURE END OF RUNWAY.

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 COL/COL R-192. **NOTE:** ELIOT DEPARTURES EXPECT VECTORS TO SAX R-252. ELIOT MAY BE ACCESSED BY ALL TYPE AIRCRAFT REQUESTING A FINAL ALTITUDE OF 14,000 TO 16,000. **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 OBSTACLES NOTES:

NOTE: RWY 11, TREES BEGINNING 170 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 96 FT AGL/526 FT MSL. TERRAIN 140 FT FROM DER, 248 FT LEFT OF CENTERLINE, 0 FT AGL/392 FT MSL. **NOTE:** RWY 16, WINDSOCK AND TREES BEGINNING 309 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 101 FT AGL/510 FT MSL. TREES BEGINNING 1,005 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 127 FT AGL/436 FT MSL. POLES 3,433 FT FROM DER, 604 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/509 FT MSL. TERRAIN 273 FT FROM DER, 515 FT LEFT OF CENTERLINE, 0 FT AGL/387 FT MSL. **NOTE:** RWY 29, TREES BEGINNING 6 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 103 FT AGL/593 FT MSL. POLE 212 FT FROM DER, 485 FT RIGHT OF CENTERLINE, 23 FT AGL/417 FT MSL. POLE AND TREES BEGINNING 425 FT FROM DER, 228 FT LEFT OF CENTERLINE, UP TO 108 FT AGL/488 FT MSL. TANK 1.19 NM FROM DER, 751 FT RIGHT OF CENTERLINE, 86 FT AGL/599 FT MSL.

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WESTCHESTER	THREE	HPN3.HPN	TWO	31 JUL 08	

NOTE: RWY 34, WINDSOCK 167 FT FROM DER, 282 FT RIGHT OF CENTERLINE, 26 FT AGL/456 FT MSL. TREES 612 FT FROM DER, 560 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/491 FT MSL. TREES BEGINNING 2,011 FT FRO DER, 751 FT RIGHT OF CENTERLINE, UP TO 104 FT AGL/504 FT MSL. OL ON DME 605 FT FROM DER, 263 FT RIGHT OF CENTERLINE, 20 FT AGL/454 FT MSL.

CONTROLLING OBSTACLES:

RWY 29: 599 MSL TANK 410423.47N/0734424.90W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

WESTCHESTER COUNTY

WHITE PLAINS, NY

COMMUNICATIONS:

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

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.

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

KELLY D. DEAN

AJV-352

05/13/2011

APPROVED BY:

DARRYEL ADAMS, MANAGER

AJV-352



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WESTCHESTER	THREE	HPN3.HPN	TWO	31 JUL 08	

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZBW, EST FPT, ARPT MGR, NY APP CON

CHANGES:

1. CHANGED DEPARTURE ROUTE DESCRIPTION: ADDED MAINTAIN TO RWY'S 11/29, ADDED CLIMBING TO RWY'S 16/34, CHANGED "VIA" TO "ON" AFTER THENCE.
2. ADDED PROCEDURAL NOTE TO EXISTING ELIOT NOTE.
3. ADDED FIX ZIMMZ AND NEWEL AND ASSOCIATED NOTES.

REASONS:

1. PROVIDE DESIRED CHARTING TO REFLECT LINES ABOVE/BELOW 3000 ON DEPICTION, CLARITY TO ENSURE AIRCRAFT CONTINUE TO CLIMB TO 3000, REMOVE VIA.
2. ATC REQUEST.
3. ATC REQUEST.

09/13/11: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/23/2011.

1. CHANGED NOTE FOR SHIPP DEPARTURES TO READ "EXPECT VECTORS TO JFK/JFK R-139."



RADIO FIX AND HOLDING DATA RECORD

NAME: NEWEL

STATE: PA

COUNTRY: US

LATITUDE/LONGITUDE: 405502.41N/0750933.72W

TYPE: WP, INT, DME

AIRSPACE DOCKET: 10-AEA-11

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SPARTA	SAX	VORTAC	H	263.50	252.50	29.62	29.62		18000	45000
2	BROADWAY	BWZ	VOR/DME	L	306.00	295.00		16.94		18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BWZ	VOR/DME	R-306	17	18000	45000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN	1, 2		KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN	1, 2		KHVN	NEW HAVEN	CT (US)
DP	MORRISTOWN	1, 2		KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY	1, 2		KEWR	NEWARK	NJ (US)
DP	NEWARK	1, 2		KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO	1		KTEB	TETERBORO	NJ (US)
DP	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	LA GUARDIA			KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	WESTCHESTER			KHPN	WHITE PLAINS	NY (US)
EN ROUTE	J 60	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/20/2011

DEVELOPED BY: DATE: 04/25/2011

OFFICE: AJV-311

NAME: DAN BRYDER

APPROVED BY: DATE:

OFFICE: AJV-311

NAME: RAY NUSSEAR

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: ZIMMZ

STATE: PA

COUNTRY: US

LATITUDE/LONGITUDE: 404811.00N/0750725.00W

TYPE: WP, INT

AIRSPACE DOCKET: 10-AEA-11

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SPARTA	SAX	VORTAC	H	250.40	239.40		30.98		18000	41000
2	SOLBERG	SBJ	VOR/DME	L	317.25	307.25		21.86		18000	41000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SBJ	VOR/DME	R-317	22	18100	41000

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BRIDGEHAVEN	1, 2		KBDR	BRIDGEPORT	CT (US)
DP	BRIDGEHAVEN	1, 2		KHVN	NEW HAVEN	CT (US)
DP	MORRISTOWN	1, 2		KMMU	MORRISTOWN	NJ (US)
DP	LIBERTY	1, 2		KEWR	NEWARK	NJ (US)
DP	NEWARK	1, 2		KEWR	NEWARK	NJ (US)
DP	PORTT (RNAV)			KEWR	NEWARK	NJ (US)
DP	RUUDY (RNAV)			KTEB	TETERBORO	NJ (US)
DP	TETERBORO	1, 2		KTEB	TETERBORO	NJ (US)
DP	GLDMN (RNAV)			KLGA	NEW YORK	NY (US)
DP	LA GUARDIA	1, 2		KLGA	NEW YORK	NY (US)
DP	TNNIS (RNAV)			KLGA	NEW YORK	NY (US)
DP	WESTCHESTER	1, 2		KHPN	WHITE PLAINS	NY (US)
EN ROUTE	Q42					(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/20/2011

DEVELOPED BY: DATE: 05/12/2011

OFFICE: AJV-311

NAME: TOBY HUFF (KENNETH NOLAN)

APPROVED BY: DATE:

OFFICE: AJV-311

NAME: RAY NUSSEAR

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: EST
ARTCC: ZNY
ATC FACILITY:
OTHER:

