

**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
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DP NAME REPUBLIC	NUMBER ONE	DP COMPUTER CODE REP1.REP	SUPERSEDED NUMBER NONE	DATED	EFFECTIVE DATE 3 JAN 2019
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TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 1: CLIMB HEADING 013.18, THENCE...
TAKEOFF RWYS 14, 19: CLIMBING RIGHT TURN TO HEADING 220, THENCE...
TAKEOFF RWY 32: CLIMBING RIGHT TURN TO HEADING 010, THENCE...

...RADAR VECTORS TO ASSIGNED ROUTE OR DEPICTED FIX. MAINTAIN 3000. EXPECT CLEARANCE TO FILED ALTITUDE/FLIGHT LEVEL 10 MINUTES AFTER DEPARTURE.

BAYYS DEPARTURES: RADAR VECTORS WILL BE PROVIDED TO BDR VOR/DME R-054, TO BAYYS.
 COATE DEPARTURES: RADAR VECTORS WILL BE PROVIDED TO SAX VORTAC R-311, TO COATE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

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

NOTE: RADAR REQUIRED

TAKEOFF MINIMUMS:

RWY 14, 19: STANDARD.

RWY 1: 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 300 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 DER.

RWY 32: STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 800.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 1: 244 FT MSL TANK 404511.46N/0732512.18W.

RWY 32: 551 FT MSL TOWER 404632.29N/0732630.02W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 1: 551 FT MSL TOWER 404632.29N/0732630.02W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: V116-188 AND SAX R-311 TO COATE.
 CHART: V229 BDR VOR/DME TO BAYYS.
 CHART: TOP ALTITUDE: 3000
 REFERENCE MAG VAR: KFRG 14W, EPOCH YR: 2000.



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REPUBLIC	ONE	REP1.REP	NONE		3 JAN 2019

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
REPUBLIC	FARMINGDALE	NY

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TOWER, DEP CON

FIXES AND/OR NAVAIDS:

JFK VOR/DME, RBV VORTAC, ARD VOR/DME, NEION INT, HAAYS INT, GAYEL INT, GREKI INT, MERIT INT, SHIPP INT, WAVEY INT, DIXIE INT, WHITE INT AND LANNA INT.

REMARKS:

RWY 1 VISIBILITY OF 1 1/4 RETAINED TO MATCH PREVIOUS FARMINGDALE SID.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW FLIGHT INSPECTION TEAM (AJW-333) MEMO, MAY 30, 2017

OFFICE SYMBOL:

DATE:

Digitally signed by
ROBERT G HAMILTON
Sep 27, 2018

DEVELOPED BY:

ROBERT HAMILTON (AUSTIN GOTCHER)

OFFICE SYMBOL:

DATE:

AJV-5422

07/25/2018

Digitally signed by
ROBERT G HAMILTON
Sep 27, 2018

APPROVED BY:

JULIE MORGAN

OFFICE SYMBOL:

DATE:

AJV-5420

Digitally signed by
ROBERT G HAMILTON
Sep 27, 2018

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

ZNY, N90 DEP CON, AMGR

CHANGES - REASONS:

ORIG. - NAME CHANGED FROM FARMINGDALE TO REPUBLIC -- ATC REPORTS THAT PILOT READ BACK IS FARMINGTON.
MOVED THE ALTITUDE TO MAINTAIN IN THE DP ROUTE DESCRIPTION FROM EACH RWY'S INSTRUCTIONS TO THE THENCE INSTRUCTIONS. - SIMPLIFY AND REDUCE VERBIAGE.
REMOVED "EXPECT" FROM DP ROUTE DESCRIPTION FOR BAYYS/COATE DEPARTURES. - 8260.46F DOES NOT ALLOW USE "EXPECT" IN REFERENCE TO RADAR VECTORS..
ADDED NOTE: RADAR REQUIRED - REQUIRED BY 8260.46F FOR RADAR VECTOR PROCEDURES.
TAKEOFF MINIMUMS: CHANGED REDUCED RWY TAKEOFF DISTANCE FOR RWY 1 FROM 1500 TO 1900 - NEW CRITERIA IN 8260.3D.
CHANGED RWY 32 MINIMUMS FROM "300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DER." TO "STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 800." - CIG/VIS CANNOT BE USED TO MITIGATE THE 551 TOWER & CONTROLLING OBSTACLE IS NOT IN THE ICA WHICH DOES NOT ALLOW FOR REDUCED RWY TAKEOFF. - IAW 8260.46F.
REMOVED 551 FT TOWER FROM OBSTACLES MANDATING ODP ROUTE DEVELOPMENT FOR RWY 32. - OBSTACLE IS LOCATED IN OBSTACLE EVALUATION AREA.
CHANGED ADDITIONAL FLIGHT DATA BLOCK NOTE FROM "J36 SAX VORTAC TO COATE" TO "SAX R-311 TO COATE." - COATE FIX NOT ON J36.



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CHANGED COMMUNICATIONS BLOCK NOTE FROM "GAD CON" TO "GND CON." - INCORRECTLY LABELED.
 ADDED ZNY, AMGR, N90 DEP CON TO OTHER COORDINATION - REQUIRED COORDINATION/N90 PROVIDES DEPARTURE RADAR SERVICE FOR AIRPORT
 ADDED STATEMENT TO REMARKS: RWY 1 VISIBILITY OF 1 1/4 RETAINED TO MATCH PREVIOUS FARMINGDALE SID - LOWERING VISIBILITY TO 1 1/8 WOULD INCUR FLIGHT CHECK AND WILL BE CHANGED ON NEXT FULL AMENDMENT.

