

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

| City, State | Airport | Effective Date | Amdt. No. |
|-----------------|----------|----------------|-----------|
| FARMINGDALE, NY | REPUBLIC | 8 JANUARY 2015 | 7 |

TAKEOFF MINIMUMS:

RWY 14, 19, STANDARD.

RWY 1, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 220 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 1500 FT PRIOR TO DER.

RWY 32, 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.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1: CLIMB HEADING 013.18 TO 700 BEFORE TURNING LEFT.

RWY 32: CLIMB HEADING 326.25 TO 700 BEFORE TURNING RIGHT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1, FENCE 3 FT FROM DER, 421 FT LEFT OF CENTERLINE, 9 FT AGL/88 FT MSL. BUILDING, STACK AND TREES BEGINNING 264 FT FROM DER, 246 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/134 FT MSL. TREES BEGINNING 315 FT FROM DER, 568 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/155 FT MSL. POLE AND TREES BEGINNING 1266 FT FROM DER, 279 FT RIGHT OF CENTERLINE, UP TO 54 FT AGL/137 FT MSL. TANK, ELEVATOR AND TREES BEGINNING 1382 FT FROM DER, 447 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/141 FT MSL. TANK 5858 FT FROM DER, 1440 FT LEFT OF CENTERLINE, 151 FT AGL/244 FT MSL.

NOTE: RWY 14, POLE AND VEHICLES ON ROAD BEGINNING 181 FT FROM DER, 73 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/74 FT MSL. TREES BEGINNING 534 FT FROM DER, 97 FT LEFT OF CENTERLINE, UP TO 33 FT AGL/88 FT MSL. TREES BEGINNING 915 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/119 FT MSL. POLE AND TREES BEGINNING 1124 FT FROM DER, 245 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/104 FT MSL. TREES 2135 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/124 FT MSL.

NOTE: RWY 19, SIGN, BUILDING, POLES, AND TREES BEGINNING 77 FT FROM DER, 208 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/102 FT MSL. TREES BEGINNING 182 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/100 FT MSL. POLE 861 FT FROM DER, 70 FT LEFT OF CENTERLINE, 41 FT AGL/99 FT MSL. POLES AND TREES BEGINNING 879 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/115 FT MSL. POLES AND TREES BEGINNING 1207 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/124 FT MSL. TOWER 2453 FT FROM DER, 318 FT RIGHT OF CENTERLINE, 84 FT AGL/141 FT MSL.

NOTE: RWY 32, FENCE 146 FT FROM DER, 243 FT RIGHT OF CENTERLINE, 12 FT AGL/88 FT MSL. POLE 329 FT FROM DER, 451 FT LEFT OF CENTERLINE, 30 FT AGL/103 FT MSL. BUILDING AND POLES BEGINNING 1489 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/142 FT MSL. TREES 1690 FT FROM DER, 22 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/124 FT MSL. TANK 1.3 NM FROM DER, 1122 FT LEFT OF CENTERLINE, 107 FT AGL/296 FT MSL.

CONTROLLING OBSTACLES:

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

RWY 32: 296 FT MSL TANK 404451.00N/0732647.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 1, 32 – 551 FT MSL TOWER 404632.29N/0732630.02W.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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.

| City, State | Airport | Effective Date | Amdt. No. |
|-----------------|----------|----------------|-----------|
| FARMINGDALE, NY | REPUBLIC | 8 JANUARY 2015 | 7 |

REMARKS:

1. RWY 1 CLIMB GRADIENT WAS ROUNDED UP TO 220 FT PER NM FOR PUBLICATION (COMPUTES TO 218 FT PER NM).
2. RWY 32 CLIMB GRADIENT WAS ROUNDED UP TO 215 FT PER NM FOR PUBLICATION (COMPUTES TO 212 FT PER NM).

FLIGHT INSPECTED BY:

ROBERT PRESSLER *Digitally signed by*
JACOB POWERS
Oct 29, 2014

3/1/2010

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETER GUIMOND *Digitally signed by*
JACOB POWERS AJV-352
Oct 29, 2014

10/17/2014

APPROVED BY:

SUSAN CRUMB *Digitally signed by*
JACOB POWERS AJV-352
Oct 29, 2014

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZNY, N90, FRG TOWER, ARPT MGR

CHANGES:

1. AMENDED RWY 1 CLIMB GRADIENT FROM 218 FT PER NM TO 220 FT PER NM.
2. AMENDED RWY 1 CEILING VALUE FROM 200 TO 300.
3. AMENDED RWY 32 CLIMB GRADIENT FROM 213 FT PER NM TO 215 FT PER NM.
4. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.

REASONS:

1. ROUNDED UP TO NEXT HIGHER 5 FT INCREMENT TO PRECLUDE NOTAM ACTION SHOULD RUNWAY OR CONTROLLING OBSTACLE ELEVATIONS CHANGE.
2. MINIMUM PUBLISHED CEILING VALUE IAW CURRENT DOCUMENTATION POLICY.
3. ROUNDED UP TO NEXT HIGHER 5 FT INCREMENT TO PRECLUDE NOTAM ACTION SHOULD RUNWAY OR CONTROLLING OBSTACLE ELEVATIONS CHANGE.
4. GROUPED AND FORMATTED IAW CURRENT DOCUMENTATION POLICY.

