

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.
NEW YORK, NY	LA GUARDIA	15 OCTOBER 2015	10

TAKEOFF MINIMUMS:

RWY 4, STANDARD.

RWY 13, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 500.

RWY 22, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 210 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 1100 FT PRIOR TO DER.

RWY 31, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4 – CLIMB HEADING 044.13 TO 1000 BEFORE PROCEEDING ON COURSE.

RWY 13 – CLIMB HEADING 134.13 TO 1000 BEFORE PROCEEDING WESTBOUND.

RWY 22 – CLIMB HEADING 224.14 TO 2200 BEFORE PROCEEDING WESTBOUND (RADAR REQUIRED).

RWY 31 – CLIMB HEADING 314.14 TO 1700 BEFORE PROCEEDING WESTBOUND.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, LOCALIZER 392 FT FROM DER, ON CENTERLINE, 18 FT AGL/19 FT MSL. STACK, FENCES, AND BUILDINGS BEGINNING 97 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/103 FT MSL. FENCES, BUILDINGS, AND TREES BEGINNING 28 FT FROM DER, 415 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/22 FT MSL. STACK 4934 FT FROM DER, 1513 FT LEFT OF CENTERLINE, 172 FT AGL/181 FT MSL. BUILDING 1.9 NM FROM DER, 758 FT RIGHT OF CENTERLINE, 280 FT AGL/345 FT MSL.

NOTE: RWY 22, BUILDING 1278 FT FROM DER, 169 FT LEFT OF CENTERLINE, 48 FT AGL/71 FT MSL. BUILDINGS AND TREES BEGINNING 165 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/101 FT MSL. BLAST FENCE, FENCE, STACK ON BUILDING, NAVAID, AND TREES BEGINNING 109 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/104 FT MSL. TOWER 1.8 NM FROM DER, 566 FT RIGHT OF CENTERLINE, 222 FT AGL/302 FT MSL.

NOTE: RWY 31, STACK 1.2 NM FROM DER, 2015 FT LEFT OF CENTERLINE, 250 FT AGL/268 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 181 FT MSL STACK 404606.19N/0735020.83W. 344 FT MSL BUILDING 404513.00N/0734925.00W.

RWY 22: 302 FT MSL TOWER 404437.82N/0735426.82W.

RWY 31: 268 FT MSL STACK 404720.62N/0735422.93W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 4 – 1442 FT MSL BUILDING 404541.56N/0735819.48W.

RWY 13 – 1442 FT MSL BUILDING 404541.56N/0735819.48W.

RWY 22 – 1806 FT MSL BUILDING 404246.75N/0740047.27W.

RWY 31 – 1442 FT MSL BUILDING 404541.56N/0735819.48W.

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.
NEW YORK, NY	LA GUARDIA	15 OCTOBER 2015	10

REMARKS:

CONTROLLING OBSTACLE FOR RWY 22 ODP ROUTE DEVELOPMENT IS THE NEW WORLD TRADE CENTER CURRENTLY UNDER CONSTRUCTION (SEE 2007-AEA-4397-OE).

FLIGHT INSPECTED BY:

Roy F. Turner

5-5-15

REQUIRED EFFECTIVE DATE:

DEVELOPED BY:

PETER GETZ
(HEIDI SNIDER)

AJV-352

10/21/2013

ROUTINE

APPROVED BY:

SUE CRUMB

AJV-352

5/11/15

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZNY, N90, LGA ATCT, ARPT MGR

CHANGES:

1. UPDATED RWY 22 TAKEOFF OBSTACLE NOTES.
2. UPDATED RWY 4 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 044.13 TO 800 BEFORE PROCEEDING ON COURSE TO CLIMB HEADING 044.13 TO 1000 BEFORE PROCEEDING ON COURSE.
3. UPDATED RWY 4, 13, 31 OBSTACLE MANDATING ODP ROUTE DEVELOPMENT.
4. UPDATED RWY 13 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 134.13 TO 800 BEFORE PROCEEDING WESTBOUND TO CLIMB HEADING 134.13 TO 1000 BEFORE PROCEEDING WESTBOUND.
5. UPDATED RWY 31 TEXTUAL DEPARTURE PROCEDURE FROM CLIMB HEADING 314.14 TO 1400 BEFORE PROCEEDING WESTBOUND TO CLIMB HEADING 314.14 TO 1700 BEFORE PROCEEDING WESTBOUND.
6. UPDATED RWY 22 CONTROLLING OBSTACLES.

REASONS:

1. FPT REQUEST TO DOCUMENT OBS 36-027653.
- 2-5. NEW CONTROLLING OBSTACLE.
6. TEMP CRANE HAS BEEN LOWERED TO 1750 FT.

02/18/2015: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/21/2013.

1. CORRECTED THE ELEVATION AND COORDINATES OF THE OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FOR RWYS 4, 13, AND 31 FROM 1627 AT 404540.30N/0735817.68W TO 1442 AT 404541.56N/0735819.48W.
2. CORRECTED THE ELEVATION OF THE RWY 13 CEILING AND VISIBILITY CONTROLLING OBSTACLE FROM 345 TO 344.

05/08/2015: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/21/2013.

1. (RADAR REQUIRED) ADDED TO THE TEXTUAL DEPARTURE FOR RWY 22.