

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	JOHN F. KENNEDY INTL	10/15/15	9

TAKEOFF MINIMUMS:

RWY 4L, 4R, 13L, 13R, 22L, 22R, STANDARD.

RWY 31L, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 2400.

RWY 31R, STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2400.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4L, FENCE AND LT POLES BEGINNING 94 FT FROM DER, 466 FT RIGHT OF CENTERLINE, UP TO 7 FT AGL/22 FT MSL. LOCALIZER 204 FT FROM DER, ON CENTERLINE, 6 FT AGL/21 FT MSL. TOWER, LT POLES, UTILITY POLES, FENCE, AND BLDG BEGINNING 212 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/28 FT MSL. TREES BEGINNING 400 FT FROM DER, 765 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/92 FT MSL. TREES BEGINNING 77 FT FROM DER, 655 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/87 FT MSL.

NOTE: RWY 4R, LIGHTS BEGINNING 6 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 6 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 10 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. TREES BEGINNING 493 FT FROM DER, 468 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/48 FT MSL. TREES BEGINNING 1757 FT FROM DER, 626 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/66 FT MSL. TREES BEGINNING 1274 FT FROM DER, 477 FT LEFT OF CENTERLINE, UP TO 73 FT AGL/76 FT MSL.

NOTE: RWY 13L, SIGN AND LIGHTS BEGINNING 2 FT FROM DER, 2 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS 11 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. SIGN, ELECTRICAL EQUIPMENT, AND LIGHTS BEGINNING 11 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. POLE AND SIGN BEGINNING 254 FT FROM DER, 523 FT RIGHT OF CENTERLINE, UP TO 9 FT AGL/20 FT MSL. ROD 1119 FT FROM DER, 140 FT LEFT OF CENTERLINE, 39 FT AGL/58 FT MSL. TREES BEGINNING 1774 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 72 FT AGL/91 FT MSL.

NOTE: RWY 13R, LIGHTS BEGINNING 4 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS BEGINNING 4 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. BUILDINGS, TOWER, AND GLIDESLOPE ANTENNA BEGINNING 418 FT FROM DER, 404 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/58 FT MSL. TRANSMISSION TOWERS BEGINNING 4749 FT FROM DER, 1385 FT RIGHT OF CENTERLINE, UP TO 139 FT AGL/140 FT MSL.

NOTE: RWY 22L, LIGHTS BEGINNING 3 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 4 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 5 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. TREES BEGINNING 433 FT FROM DER, 578 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/31 FT MSL.

NOTE: RWY 22R, LIGHTS BEGINNING ABEAM DER, 55 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. FENCE, LIGHTS, AND BUSHES BEGINNING ABEAM DER, 54 FT LEFT OF CENTERLINE, UP TO 8 FT AGL/19 FT MSL.

NOTE: RWY 31L, LIGHTS BEGINNING 9 FT FROM DER, 80 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/14 FT MSL. LIGHTS BEGINNING 10 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. TREES 2075 FT FROM DER, 435 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/91 FT MSL.

NOTE: RWY 31R, LIGHTS BEGINNING 8 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. LIGHTS 10 FT FROM DER, ON CENTERLINE, 2 FT AGL/13 FT MSL. LIGHTS BEGINNING 10 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/13 FT MSL. ELECTRICAL SYSTEM, ELECTRICAL BOX, AND LIGHTS BEGINNING 101 FT FROM DER, ON CENTERLINE, AND LEFT AND RIGHT OF CENTERLINE, UP TO 7 FT AGL/18 FT MSL. APPROACH LIGHTS BEGINNING 200 FT FROM DER, ON CENTERLINE, UP TO 9 FT AGL/27 FT MSL. FENCES, LIGHTS, AND POLES BEGINNING 146 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 19 FT AGL/30 FT MSL. LIGHTS AND TREES BEGINNING 553 FT FROM DER, 191 FT RIGHT OF CENTERLINE, UP TO 34 FT AGL/48 FT MSL. LIGHTS AND POLES BEGINNING 1443 FT FROM DER, 334 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/67 FT MSL. POLE 2162 FT FROM DER, 562 FT RIGHT OF CENTERLINE, 54 FT AGL/66 FT MSL. ANTENNA 3916 FT FROM DER, 1550 FT RIGHT OF CENTERLINE, 111 FT AGL/130 FT MSL.



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CONTROLLING OBSTACLES:

RWY 31L, 31R: 1806 FT MSL BUILDING 404246.75N/0740047.27W.



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REMARKS:

1. RWY 31L CLIMB GRADIENT WAS ROUNDED UP TO 250 FT PER NM FOR PUBLICATION (COMPUTES TO 242 FT PER NM).
2. RWY 31R CLIMB GRADIENT WAS ROUNDED UP TO 230 FT PER NM FOR PUBLICATION (COMPUTES TO 221 FT PER NM).
3. RWY 31L/31R DEPARTURE ROUTES THAT MEET ATC FLOW REQUIREMENTS COULD NOT BE CONSTRUCTED. ATC HAS REQUESTED TO PUBLISH CLIMB GRADIENTS TO MITIGATE DIVERSE OBSTACLES AND OPT OUT OF PUBLISHING A VCOA AS IT IS NOT PRACTICAL DUE TO HIGH TRAFFIC VOLUME.

FLIGHT INSPECTED BY:

PENDING

10/15/15

DEVELOPED BY:

Digitally signed by

KELLY D. DEAN **KELLY D DEAN** AJV-352

06/02/2015

Jun 02, 2015

APPROVED BY:

Digitally signed by

SUSAN CRUMB **JACOB POWERS** AJV-352

Aug 14, 2015

COORDINATED WITH:

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

CHANGES:

1. AMENDED RWY 13R TAKEOFF MINIMUMS FROM 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 300 TO READ STANDARD.
2. DELETED RWY 13R CONTROLLING OBSTACLE.
3. AMENDED TAKEOFF OBSTACLE NOTES FOR ALL RUNWAYS.

REASONS:

1. NEW OBSTACLE STUDY.
2. OBSTACLE NO LONGER EXISTS IN AIRNAV DATABASE.
3. NEW OBSTACLE SURVEY ADDED SINCE LAST AMENDMENT. GROUPED AND FORMATTED IAW CURRENT DOCUMENTATION POLICY.

08/12/2015: This is an UPDATED copy of the form developed on 05/07/2015.

1. Change publication to HARD DATE.

