

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)
TITLE 14 CFR PART 97.37**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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	LONG ISLAND MAC ARTHUR	13 SEPTEMBER 2018	5A

TAKEOFF MINIMUMS:
STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 06, LIGHTING 1 FT FROM DER, ON CENTERLINE, 99 FT MSL. TREE 902 FT FROM DER, 663 FT RIGHT OF CENTERLINE, 43 FT AGL/140 FT MSL. TREES BEGINNING 1221 FT FROM DER, 708 FT RIGHT OF CENTERLINE, UP TO 148 FT MSL. TREE 1390 FT FROM DER, 854 FT LEFT OF CENTERLINE, 40 FT AGL/144 FT MSL. TREES BEGINNING 1515 FT FROM DER, 799 FT LEFT OF CENTERLINE, UP TO 148 FT MSL. TREES BEGINNING 1888 FT FROM DER, 938 FT LEFT OF CENTERLINE, UP TO 151 FT MSL. TREES BEGINNING 2014 FT FROM DER, 857 FT RIGHT OF CENTERLINE, UP TO 156 FT MSL. TREES BEGINNING 2140 FT FROM DER, 853 FT LEFT OF CENTERLINE, UP TO 155 FT MSL. TREES BEGINNING 2269 FT FROM DER, 849 FT LEFT OF CENTERLINE, UP TO 166 FT MSL. TREE 2332 FT FROM DER, 996 FT RIGHT OF CENTERLINE, 159 FT MSL. TREE 2399 FT FROM DER, 1086 FT RIGHT OF CENTERLINE, 163 FT MSL. POLE, TREE BEGINNING 2457 FT FROM DER, 865 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/175 FT MSL. TREE 2613 FT FROM DER, 727 FT RIGHT OF CENTERLINE, 62 FT AGL/169 FT MSL. TREE 2682 FT FROM DER, 1165 FT RIGHT OF CENTERLINE, 173 FT MSL. TREE 3423 FT FROM DER, 190 FT RIGHT OF CENTERLINE, 75 FT AGL/186 FT MSL. TREE 3563 FT FROM DER, 76 FT LEFT OF CENTERLINE, 77 FT AGL/189 FT MSL.

NOTE: RWY 15L, SIGN 9 FT FROM DER, 66 FT LEFT OF CENTERLINE, 83 FT MSL. TERRAIN BEGINNING 12 FT FROM DER, 458 FT LEFT OF CENTERLINE, UP TO 89 FT MSL. TREES BEGINNING 705 FT FROM DER, 404 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/122 FT MSL. TREES BEGINNING 732 FT FROM DER, 560 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/124 FT MSL. TREES BEGINNING 751 FT FROM DER, 317 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/125 FT MSL. TREES BEGINNING 785 FT FROM DER, 224 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/128 FT MSL. TREES BEGINNING 843 FT FROM DER, 188 FT RIGHT OF CENTERLINE, UP TO 129 FT MSL. TREES BEGINNING 929 FT FROM DER, 192 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/130 FT MSL. TREE 933 FT FROM DER, 201 FT LEFT OF CENTERLINE, 113 FT MSL. TREE 952 FT FROM DER, 209 FT LEFT OF CENTERLINE, 114 FT MSL. TREE 974 FT FROM DER, 196 FT LEFT OF CENTERLINE, 118 FT MSL. TREES BEGINNING 977 FT FROM DER, 193 FT LEFT OF CENTERLINE, UP TO 120 FT MSL. TREES BEGINNING 1111 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 56 FT AGL/136 FT MSL. TREES BEGINNING 1133 FT FROM DER, 199 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/132 FT MSL. TREES BEGINNING 1248 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 133 FT MSL. TREES BEGINNING 1506 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 139 FT MSL. TREES BEGINNING 1572 FT FROM DER, 138 FT LEFT OF CENTERLINE, UP TO 143 FT MSL. TREES BEGINNING 2291 FT FROM DER, 720 FT LEFT OF CENTERLINE, UP TO 145 FT MSL. TREES BEGINNING 2412 FT FROM DER, 802 FT LEFT OF CENTERLINE, UP TO 147 FT MSL.

NOTE: RWY 15R, VEHICLES ON ROAD BEGINNING 175 FT FROM DER, 439 FT RIGHT OF CENTERLINE, UP TO 91 FT MSL. BUILDING 629 FT FROM DER, 666 FT RIGHT OF CENTERLINE, 101 FT MSL. TREE 1213 FT FROM DER, 162 FT LEFT OF CENTERLINE, 109 FT MSL. TREE 1239 FT FROM DER, 101 FT LEFT OF CENTERLINE, 112 FT MSL. TREE 1267 FT FROM DER, 188 FT LEFT OF CENTERLINE, 45 FT AGL/121 FT MSL. TREES BEGINNING 1269 FT FROM DER, 74 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/122 FT MSL. TREES BEGINNING 1295 FT FROM DER, 248 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/124 FT MSL. TREES BEGINNING 1314 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/125 FT MSL. TREES BEGINNING 1348 FT FROM DER, 81 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/128 FT MSL. TREES BEGINNING 1406 FT FROM DER, 67 FT LEFT OF CENTERLINE, UP TO 129 FT MSL. TREES BEGINNING 1492 FT FROM DER, 174 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/130 FT MSL. TREES BEGINNING 1675 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/136 FT MSL. TREE 1778 FT FROM DER, 924 FT RIGHT OF CENTERLINE, 124 FT MSL.

NOTE: RWY 24, POLE 787 FT FROM DER, 656 FT RIGHT OF CENTERLINE, 38 FT AGL/120 FT MSL. TREE, POLE BEGINNING 826 FT FROM DER, 559 FT LEFT OF CENTERLINE, UP TO 131 FT MSL. TREE 1063 FT FROM DER, 781 FT RIGHT OF CENTERLINE, 137 FT MSL. TREE 1592 FT FROM DER, 892 FT LEFT OF CENTERLINE, 141 FT MSL. TREES BEGINNING 1976 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 142 FT MSL. NOTE: RWY 24, POLE 787 FT FROM DER, 656 FT RIGHT OF CENTERLINE, 38 FT AGL/120 FT MSL. TREE, POLE BEGINNING 826 FT FROM DER, 559 FT LEFT OF CENTERLINE, UP TO 131 FT MSL. TREE 1063 FT FROM DER, 781 FT RIGHT OF CENTERLINE, 137 FT MSL. TREE 1592 FT FROM DER, 892 FT LEFT OF CENTERLINE, 141 FT MSL. TREES BEGINNING 1976 FT FROM DER, 188 FT LEFT OF CENTERLINE, UP TO 142 FT MSL.



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NOTE: RWY 33L, TREES BEGINNING 37 FT FROM DER, 467 FT RIGHT OF CENTERLINE, UP TO 47 FT AGL/145 FT MSL. VEHICLES ON ROAD, TREE BEGINNING 92 FT FROM DER, 309 FT LEFT OF CENTERLINE, UP TO 112 FT MSL. TREE, POLE, VEHICLES ON ROAD BEGINNING 392 FT FROM DER, 250 FT LEFT OF CENTERLINE, UP TO 116 FT MSL. TREES BEGINNING 551 FT FROM DER, 569 FT RIGHT OF CENTERLINE, UP TO 149 FT MSL. TREES BEGINNING 563 FT FROM DER, 487 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/151 FT MSL. TREE 567 FT FROM DER, 637 FT RIGHT OF CENTERLINE, 153 FT MSL. TREES BEGINNING 579 FT FROM DER, 534 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/154 FT MSL. TREES BEGINNING 658 FT FROM DER, 519 FT RIGHT OF CENTERLINE, UP TO 53 FT AGL/155 FT MSL. TREE 680 FT FROM DER, 483 FT LEFT OF CENTERLINE, 118 FT MSL. TREES BEGINNING 692 FT FROM DER, 501 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/158 FT MSL. POLE 699 FT FROM DER, 504 FT LEFT OF CENTERLINE, 32 FT AGL/132 FT MSL. POLE, BUILDING, TREE BEGINNING 719 FT FROM DER, 325 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/140 FT MSL. TREES BEGINNING 860 FT FROM DER, 394 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/159 FT MSL. TREE, TANK BEGINNING 1075 FT FROM DER, 127 FT LEFT OF CENTERLINE, UP TO 142 FT MSL. TREE 1223 FT FROM DER, 187 FT LEFT OF CENTERLINE, 143 FT MSL. TREES BEGINNING 1224 FT FROM DER, 141 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/145 FT MSL. TREES BEGINNING 1263 FT FROM DER, 61 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/146 FT MSL. TREE, POLE BEGINNING 1290 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/160 FT MSL. TREES BEGINNING 1319 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 47 FT AGL/150 FT MSL. TREES BEGINNING 1523 FT FROM DER, 107 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/155 FT MSL. TOWER, TREE BEGINNING 1528 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/163 FT MSL. TREES BEGINNING 1740 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 63 FT AGL/166 FT MSL. TREES BEGINNING 1948 FT FROM DER, 27 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/166 FT MSL. TREES BEGINNING 2023 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/168 FT MSL. TREES BEGINNING 2055 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/174 FT MSL. TREES BEGINNING 2075 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/169 FT MSL. TREES BEGINNING 2186 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 68 FT AGL/172 FT MSL. TREES BEGINNING 2791 FT FROM DER, 389 FT RIGHT OF CENTERLINE, UP TO 179 FT MSL. TREES BEGINNING 2796 FT FROM DER, 362 FT RIGHT OF CENTERLINE, UP TO 180 FT MSL. TREES BEGINNING 2893 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/181 FT MSL. TREE 2977 FT FROM DER, 1203 FT LEFT OF CENTERLINE, 173 FT MSL. TREE 3173 FT FROM DER, 30 FT LEFT OF CENTERLINE, 83 FT AGL/188 FT MSL. TREE 3370 FT FROM DER, 114 FT RIGHT OF CENTERLINE, 78 FT AGL/185 FT MSL.

NOTE: RWY 33R, TOWER 324 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 28 FT AGL/118 FT MSL. NAVAID 325 FT FROM DER, 484 FT RIGHT OF CENTERLINE, 125 FT MSL. NAVAID, POLE BEGINNING 725 FT FROM DER, 582 FT LEFT OF CENTERLINE, UP TO 114 FT MSL. TREES BEGINNING 761 FT FROM DER, 14 FT RIGHT OF CENTERLINE, UP TO 130 FT MSL. TREE 785 FT FROM DER, 166 FT LEFT OF CENTERLINE, 117 FT MSL. TREES BEGINNING 796 FT FROM DER, 63 FT LEFT OF CENTERLINE, UP TO 118 FT MSL. TREES BEGINNING 798 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 138 FT MSL. TREES BEGINNING 808 FT FROM DER, 164 FT LEFT OF CENTERLINE, UP TO 121 FT MSL. TREES BEGINNING 824 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 128 FT MSL. TREES BEGINNING 829 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 139 FT MSL. TREES BEGINNING 862 FT FROM DER, ON CENTERLINE, UP TO 140 FT MSL. TREES BEGINNING 960 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 129 FT MSL. TREES BEGINNING 970 FT FROM DER, 40 FT RIGHT OF CENTERLINE, UP TO 141 FT MSL. TREES BEGINNING 993 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 133 FT MSL. TREES BEGINNING 1014 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 146 FT MSL. TREES BEGINNING 1277 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 136 FT MSL. TREES BEGINNING 1463 FT FROM DER, 30 FT LEFT OF CENTERLINE, UP TO 138 FT MSL. TREES BEGINNING 1504 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 142 FT MSL. TREES BEGINNING 1527 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 143 FT MSL. TREES BEGINNING 1969 FT FROM DER, 42 FT LEFT OF CENTERLINE, UP TO 144 FT MSL. TREES BEGINNING 2020 FT FROM DER, 218 FT LEFT OF CENTERLINE, UP TO 145 FT MSL. TREE 2157 FT FROM DER, 196 FT LEFT OF CENTERLINE, 146 FT MSL. TREES BEGINNING 2199 FT FROM DER, 189 FT LEFT OF CENTERLINE, UP TO 147 FT MSL. TOWER 2995 FT FROM DER, 79 FT RIGHT OF CENTERLINE, 108 FT AGL/209 FT MSL.



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CONTROLLING OBSTACLES:

REMARKS:

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

DEVELOPED BY:

LONNIE EVERHART (ALEXANDER MILES)

Digitally signed by

BEV L BORDY

Jun 04, 2018

OFFICE SYMBOL:

Digitally signed by

BEV L BORDY

Jun 04, 2018

DATE:

OFFICE SYMBOL:

AJV-5400

DATE:

04/17/2018

APPROVED BY:

LONNIE EVERHART

Digitally signed by

BEV L BORDY

Jun 04, 2018

OFFICE SYMBOL:

AJV-5400

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A

ALPA

AOPA

APA

HAI

NBAA



OTHER:

ATA, ZNY, NYC APP CON, KISP ATCT, AMGR, EASTERN FPO

CHANGES - REASONS:

1. REMOVED RWY 10/28 FROM TAKEOFF MINIMUMS - RWY CONVERTED TO TAXIWAY.
2. TAKEOFF OBSTACLES NOTES UPDATED - NEW OBSTACLE EVALUATION COMPLETED.

QUALITY
3
CHECKED