

**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.

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KRDU	RALEIGH/DURHAM	NC	6B	6 OCTOBER 2022

TAKEOFF MINIMUMS:

RWY 5L, 5R, 23L, 23R: STANDARD
RWY 14: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 700
RWY 32: 300-1

TEXTUAL DEPARTURE PROCEDURES:

RWY 14: CLIMB HEADING 144.15 TO 1400 BEFORE TURNING RIGHT.
RWY 23L: CLIMB HEADING 234.15 TO 1900 BEFORE TURNING LEFT.
RWY 23R: CLIMB HEADING 234.16 TO 1800 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5L, LIGHTING 10 FT FROM DER, 4 FT LEFT OF CENTERLINE, 2 FT AGL/410 FT MSL. TREE 1903 FT FROM DER, 986 FT RIGHT OF CENTERLINE, 467 FT MSL. TREE 1926 FT FROM DER, 1003 FT LEFT OF CENTERLINE, 483 FT MSL. TREES BEGINNING 2010 FT FROM DER, 912 FT RIGHT OF CENTERLINE, UP TO 476 FT MSL. TREE 2126 FT FROM DER, 1051 FT LEFT OF CENTERLINE, 489 FT MSL. TREES BEGINNING 3507 FT FROM DER, 1269 FT LEFT OF CENTERLINE, UP TO 519 FT MSL. TREE 3652 FT FROM DER, 1327 FT LEFT OF CENTERLINE, 524 FT MSL. TREES BEGINNING 3662 FT FROM DER, 1372 FT LEFT OF CENTERLINE, UP TO 536 FT MSL. WATER TOWER, TANK BEGINNING 4044 FT FROM DER, 1577 FT RIGHT OF CENTERLINE, UP TO 144 FT AGL/547 FT MSL. TREE 5171 FT FROM DER, 1748 FT LEFT OF CENTERLINE, 541 FT MSL.

NOTE: RWY 5R, LIGHTING BEGINNING 1 FT FROM DER, 5 FT LEFT OF CENTERLINE, UP TO 1 FT AGL/432 FT MSL. LIGHTING BEGINNING 1 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 1 FT AGL/432 FT MSL. TREE 1215 FT FROM DER, 791 FT RIGHT OF CENTERLINE, 466 FT MSL. TREE 1350 FT FROM DER, 760 FT RIGHT OF CENTERLINE, 471 FT MSL. TREES BEGINNING 1480 FT FROM DER, 846 FT RIGHT OF CENTERLINE, UP TO 481 FT MSL.

NOTE: RWY 14, LIGHTING 10 FT FROM DER, 29 FT RIGHT OF CENTERLINE, 2 FT AGL/427 FT MSL. LIGHTING 10 FT FROM DER, 29 FT LEFT OF CENTERLINE, 2 FT AGL/427 FT MSL. TREES BEGINNING 1160 FT FROM DER, 758 FT RIGHT OF CENTERLINE, UP TO 499 FT MSL. TREES BEGINNING 1397 FT FROM DER, 856 FT LEFT OF CENTERLINE, UP TO 539 FT MSL. TREE 1489 FT FROM DER, 772 FT RIGHT OF CENTERLINE, 510 FT MSL. TREES BEGINNING 1602 FT FROM DER, 871 FT RIGHT OF CENTERLINE, UP TO 528 FT MSL. TREE 2033 FT FROM DER, 1044 FT LEFT OF CENTERLINE, 544 FT MSL. TREE 2130 FT FROM DER, 968 FT RIGHT OF CENTERLINE, 540 FT MSL. TREES BEGINNING 2271 FT FROM DER, 881 FT LEFT OF CENTERLINE, UP TO 546 FT MSL. TREE 2328 FT FROM DER, 1013 FT RIGHT OF CENTERLINE, 555 FT MSL. TREE 2485 FT FROM DER, 876 FT RIGHT OF CENTERLINE, 556 FT MSL. TREE 2560 FT FROM DER, 1101 FT RIGHT OF CENTERLINE, 563 FT MSL. TREE 2751 FT FROM DER, 1132 FT RIGHT OF CENTERLINE, 570 FT MSL. TREE 3693 FT FROM DER, 391 FT RIGHT OF CENTERLINE, 572 FT MSL. TREES BEGINNING 3913 FT FROM DER, 154 FT LEFT OF CENTERLINE, UP TO 568 FT MSL. TREE 4055 FT FROM DER, 657 FT RIGHT OF CENTERLINE, 578 FT MSL.

NOTE: RWY 23L, LIGHTING 1 FT FROM DER, 5 FT LEFT OF CENTERLINE, 1 FT AGL/399 FT MSL. LIGHTING 2 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 1 FT AGL/399 FT MSL. VEGETATION 18 FT FROM DER, 259 FT LEFT OF CENTERLINE, 400 FT MSL. TREE 1029 FT FROM DER, 757 FT LEFT OF CENTERLINE, 431 FT MSL. TREE 1361 FT FROM DER, 793 FT LEFT OF CENTERLINE, 433 FT MSL. TREE 1372 FT FROM DER, 862 FT LEFT OF CENTERLINE, 439 FT MSL. POLE 1457 FT FROM DER, 878 FT RIGHT OF CENTERLINE, 105 FT AGL/452 FT MSL. TREES BEGINNING 1469 FT FROM DER, 817 FT LEFT OF CENTERLINE, UP TO 451 FT MSL.

NOTE: RWY 23R, LIGHTING 10 FT FROM DER, 5 FT RIGHT OF CENTERLINE, 1 FT AGL/368 FT MSL.

NOTE: RWY 32, LIGHTING 9 FT FROM DER, 29 FT LEFT OF CENTERLINE, 2 FT AGL/433 FT MSL. LIGHTING 9 FT FROM DER, 29 FT RIGHT OF CENTERLINE, 2 FT AGL/433 FT MSL. POLE 1170 FT FROM DER, 618 FT LEFT OF CENTERLINE, 55 FT AGL/485 FT MSL. POLES BEGINNING 1186 FT FROM DER, 626 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/486 FT MSL. BUILDING 1242 FT FROM DER, 753 FT RIGHT OF CENTERLINE, 38 FT AGL/473 FT MSL. CONTROL TOWER 2228 FT FROM DER, 898 FT RIGHT OF CENTERLINE, 231 FT AGL/659 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 578 FT MSL TREE 355132.06N/0784557.97W.
RWY 32: 659 FT MSL CONTROL TOWER 355252.00N/0784709.00W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 14, 23L, 23R: 2048 FT MSL TOWER 354251.00N/0784903.00W.

REMARKS:

APPROVAL LETTER ON FILE AUTHORIZING RWY 32 TAKEOFF MINIMUMS OF 300-1. THE 660 MSL CONTROL TOWER REQUIRES A CLIMB GRADIENT OF 813 FT PER NM WHICH WAS DISAPPROVED BY AFS.

QUALITY
24
CHECKED

AIRPORT ID

KRDU

CITY

RALEIGH/DURHAM

STATE

NC

AMDT NO

6B

EFFECTIVE DATE

6 OCTOBER 2022

FLIGHT INSPECTED BY

JEFFREY A FINDLEY

*Digitally signed by***MARK D ADAMS**

Aug 05, 2022

OFFICE

FPO

DATE

08/04/2022

DEVELOPED BY

JAMES ROGERS

*Digitally signed by***JAMES ROGERS**

Jun 03, 2022

OFFICE

AJV-A412

DATE

05/23/2022

APPROVED BY

JULIE MORGAN

*Digitally signed by***MARK D ADAMS**

Jun 13, 2022

OFFICE

AJV-A410

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, RDU APP CON, RDU ATCT, AIRPORT MANAGER**CHANGES - REASONS:**

1. UPDATED TAKEOFF MINIMUMS FOR RWY 14 FROM STANDARD TO 300-1 OR STANDARD WITH MINIMUM CLIMB OF 305 FT PER NM TO 700 - NEW CONTROLLING OBSTACLE FOUND DURING PERIODIC REVIEW AND CLEARS T-NOTAM 2/8696.
2. UPDATED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE EVALUATION.
3. CONTROLLING OBSTACLES: ADDED RWY 14: 578 FT MSL TREE 355132.06N/0784557.97W - NEW OBSTACLE EVALUATION.
4. CONTROLLING OBSTACLES: CHANGED OBSTACLES MANDATING ODP ROUTE DEVELOPMENT HEIGHT FROM 2049 TO 2048 - OBSTACLE HEIGHT CHANGED IN DATABASE.
4. REMARKS: DELETED ABBREVIATED AMENDMENT - NO LONGER REQUIRED BY CRITERIA.

QUALITY
24
CHECKED