

**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</u> | <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>ACTUAL EFFECTIVE DATE</u> |
|----------------|-------------------|-------------|--------------|----------------|------------------------------|
| AUDUBON COUNTY | KADU | AUDUBON | IA | 2 | 25 FEBRUARY 2021 |

TAKEOFF MINIMUMS:

RWY 14: 300 - 1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 245 FT PER NM TO 1600.

RWY 32: 300 - 1 1/8 OR STANDARD WITH A MINIMUM CLIMB OF 370 FT PER NM TO 1700.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 14: TRAVERSE WAY ABEAM DER, 492 FT RIGHT OF CENTERLINE, 1295 FT MSL.
TREES, POLES, TRAVERSE WAY BEGINNING 14 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/1319 FT MSL.
TERRAIN 22 FT FROM DER, 349 FT LEFT OF CENTERLINE, 1286 FT MSL.
TERRAIN 113 FT FROM DER, 496 FT LEFT OF CENTERLINE, 1288 FT MSL.
TERRAIN 143 FT FROM DER, 388 FT LEFT OF CENTERLINE, 1292 FT MSL.
TERRAIN BEGINNING 200 FT FROM DER, 326 FT LEFT OF CENTERLINE, UP TO 1294 FT MSL.
VEGETATION 279 FT FROM DER, 502 FT LEFT OF CENTERLINE, 1296 FT MSL.
BUILDING 383 FT FROM DER, 491 FT LEFT OF CENTERLINE, 16 FT AGL/1314 FT MSL.
TRAVERSE WAY 430 FT FROM DER, 602 FT LEFT OF CENTERLINE, 1315 FT MSL.
BUILDING, TRAVERSE WAY BEGINNING 491 FT FROM DER, 389 FT LEFT OF CENTERLINE, UP TO 23 FT AGL/1324 FT MSL.
TRAVERSE WAY BEGINNING 635 FT FROM DER, 388 FT LEFT OF CENTERLINE, UP TO 1325 FT MSL.
POLES, TRAVERSE WAY BEGINNING 660 FT FROM DER, 281 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/1332 FT MSL.
TREES, POLES, TERRAIN, TRAVERSE WAY BEGINNING 1011 FT FROM DER, 346 FT LEFT OF CENTERLINE, UP TO 1333 FT MSL.
POLES, TERRAIN, VEGETATION BEGINNING 1278 FT FROM DER, 587 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/1349 FT MSL.
TREE 1706 FT FROM DER, 630 FT RIGHT OF CENTERLINE, 1321 FT MSL.
TERRAIN BEGINNING 1916 FT FROM DER, 715 FT LEFT OF CENTERLINE, UP TO 1350 FT MSL.
VEGETATION BEGINNING 2146 FT FROM DER, 781 FT LEFT OF CENTERLINE, UP TO 1368 FT MSL.
VEGETATION, TERRAIN BEGINNING 2240 FT FROM DER, 722 FT LEFT OF CENTERLINE, UP TO 1383 FT MSL.
TREES, TERRAIN, TRAVERSE WAY BEGINNING 3304 FT FROM DER, 58 FT LEFT OF CENTERLINE, UP TO 1406 FT MSL.
TREES BEGINNING 3490 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 73 FT AGL/1396 FT MSL.
TRAVERSE WAY 5037 FT FROM DER, 1702 FT LEFT OF CENTERLINE, 1418 FT MSL.
TRAVERSE WAY, TERRAIN BEGINNING 5110 FT FROM DER, 1769 FT LEFT OF CENTERLINE, UP TO 1426 FT MSL.
BUILDING 5903 FT FROM DER, 1689 FT LEFT OF CENTERLINE, 24 FT AGL/1432 FT MSL.
TREE 5915 FT FROM DER, 1576 FT LEFT OF CENTERLINE, 1441 FT MSL.
TREES, POLES BEGINNING 5981 FT FROM DER, 1690 FT LEFT OF CENTERLINE, UP TO 1449 FT MSL.
TREES BEGINNING 1 NM FROM DER, 1676 FT LEFT OF CENTERLINE, UP TO 1464 FT MSL.
TREES BEGINNING 1 NM FROM DER, 1735 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/1465 FT MSL.
POLE 1 NM FROM DER, 1919 FT LEFT OF CENTERLINE, 52 FT AGL/1450 FT MSL.

RWY 32: NAVAID 9 FT FROM DER, 78 FT LEFT OF CENTERLINE, 1 FT AGL/1289 FT MSL.
NAVAID 9 FT FROM DER, 76 FT RIGHT OF CENTERLINE, 3 FT AGL/1289 FT MSL.
VEGETATION 31 FT FROM DER, 235 FT LEFT OF CENTERLINE, 1296 FT MSL.
POLE, GENERAL UTILITY, TRAVERSE WAY, VEGETATION BEGINNING 48 FT FROM DER, 146 FT LEFT OF CENTERLINE, UP TO 35 FT AGL/1330 FT MSL.
TREES, VEGETATION, TERRAIN, POLES, BUILDING BEGINNING 65 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 1318 FT MSL.
POLE, TREE BEGINNING 248 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/1331 FT MSL.
TREES, TRAVERSE WAY, POLE, TERRAIN BEGINNING 281 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 1334 FT MSL.
TREES, TRAVERSE WAY, BUILDINGS BEGINNING 479 FT FROM DER, 312 FT RIGHT OF CENTERLINE, UP TO 1323 FT MSL.
TERRAIN, POLE, TREE BEGINNING 846 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 1343 FT MSL.
TERRAIN, TRAVERSE WAY, TREE BEGINNING 946 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 1356 FT MSL.
POLE 957 FT FROM DER, 483 FT RIGHT OF CENTERLINE, 62 FT AGL/1349 FT MSL.
TERRAIN, POLE, TREE BEGINNING 1029 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 1360 FT MSL.
POLE, TREE BEGINNING 1036 FT FROM DER, 36 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/1351 FT MSL.
VEGETATION 1120 FT FROM DER, 670 FT LEFT OF CENTERLINE, 1377 FT MSL.
VEGETATION, TREE, TERRAIN BEGINNING 1123 FT FROM DER, 225 FT LEFT OF CENTERLINE, UP TO 1378 FT MSL.
TREE, POLE, TERRAIN, BUILDING BEGINNING 1507 FT FROM DER, 70 FT LEFT OF CENTERLINE, UP TO 1383 FT MSL.
POLES, TREES, BUILDING BEGINNING 1530 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/1366 FT MSL.
TERRAIN, POLES, TREES, FENCES BEGINNING 1643 FT FROM DER, 88 FT LEFT OF CENTERLINE, UP TO 1388 FT MSL.
TREE 2076 FT FROM DER, 497 FT RIGHT OF CENTERLINE, 1369 FT MSL.
TREES BEGINNING 2167 FT FROM DER, 553 FT RIGHT OF CENTERLINE, UP TO 1376 FT MSL.
TREES BEGINNING 2303 FT FROM DER, 365 FT RIGHT OF CENTERLINE, UP TO 1384 FT MSL.
TREES BEGINNING 2397 FT FROM DER, 984 FT RIGHT OF CENTERLINE, UP TO 1385 FT MSL.
TREE 2452 FT FROM DER, 705 FT RIGHT OF CENTERLINE, 1386 FT MSL.
TREES BEGINNING 2512 FT FROM DER, 545 FT RIGHT OF CENTERLINE, UP TO 1387 FT MSL.



TREES, POLE BEGINNING 2539 FT FROM DER, 369 FT RIGHT OF CENTERLINE, UP TO 1396 FT MSL.
TREES BEGINNING 3399 FT FROM DER, 618 FT RIGHT OF CENTERLINE, UP TO 1408 FT MSL.
FENCE, BUILDING, TERRAIN BEGINNING 3584 FT FROM DER, 1042 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/1393 FT MSL.
TREE 3665 FT FROM DER, 1399 FT LEFT OF CENTERLINE, 1408 FT MSL.
TREES BEGINNING 3694 FT FROM DER, 1004 FT RIGHT OF CENTERLINE, UP TO 1415 FT MSL.
BUILDING, FENCE, TREE BEGINNING 3694 FT FROM DER, 1072 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/1418 FT MSL.
TREES, STACK BEGINNING 3879 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 1416 FT MSL.
ELEVATOR, TREES BEGINNING 4816 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 127 FT AGL/1425 FT MSL.
TREE 5136 FT FROM DER, 1687 FT LEFT OF CENTERLINE, 1438 FT MSL.
TOWER, TREE BEGINNING 5610 FT FROM DER, 1611 FT RIGHT OF CENTERLINE, UP TO 187 FT AGL/1544 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 1464 FT MSL TREE 414109.39N/0945356.31W (CLIMB GRADIENT, CLIMB-TO-ALTITUDE)
1465 FT MSL TREE 414108.43N/0945356.84W (CEILING)
1450 FT MSL POLE 414107.77N/0945353.95W (VISIBILITY)
RWY 32: 1544 FT MSL TOWER 414317.30N/0945545.77W

REMARKS:

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|------------------------------|----------------------------|---------------|-------------|--------------|
| FLIGHT INSPECTED BY | <i>Digitally signed by</i> | OFFICE | DATE | |
| EDWARD W MESA | DONALD H LANIER | FICO | 12/30/2020 | |
| | Jan 04, 2021 | | | |
| DEVELOPED BY | <i>Digitally signed by</i> | OFFICE | DATE | |
| DONALD LANIER (MICAH HILLEY) | DONALD H LANIER | AVJ-A431 | 01/31/2020 | |
| | Jan 04, 2021 | | | |
| APPROVED BY | <i>Digitally signed by</i> | OFFICE | DATE | TITLE |
| GEORGE DAVIS | DONALD H LANIER | AJV-A430 | | MANAGER |
| | Jan 04, 2021 | | | |

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA **OTHER:** AVN-220, ACE-220, ZMP, ARTCC, AMGR

CHANGES - REASONS:

- 1: CHANGED RWY 14 TAKEOFF MINIMUMS FROM "STANDARD" TO "300 - 1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 245 FT PER NM TO 1600." - INCORPORATED NOTAM 9/0672.
- 2: CHANGED RWY 32 TAKEOFF MINIMUMS FROM "300 - 1" TO "300 - 1 1/8 OR STANDARD WITH A MINIMUM CLIMB OF 370 FT PER NM TO 1700." - INCORPORATED NOTAM 9/0672.
- 3: UPDATED TAKEOFF OBSTACLE NOTES - NEW SURVEY.
- 4: UPDATED CONTROLLING OBSTACLES - NEW SURVEY.

