

**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.

| AIRPORT | AIRPORT ID | CITY | STATE | AMDT NO | ACTUAL EFFECTIVE DATE |
|---------------|------------|----------|-------|---------|-----------------------|
| WATERLOO RGNL | KALO | WATERLOO | IA | 1 | 22 APRIL 2021 |

TAKEOFF MINIMUMS:

RWY 12, 18, 30: STANDARD.

RWY 36: 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 1100.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18: NAVAID 40 FT FROM DER, 150 FT LEFT OF CENTERLINE, 4 FT AGL/870 FT MSL.

NAVAID 40 FT FROM DER, 149 FT RIGHT OF CENTERLINE, 4 FT AGL/870 FT MSL.

VEHICLE ON ROAD BEGINNING 465 FT FROM DER, 500 FT RIGHT OF CENTERLINE, UP TO 883 FT MSL.

TREES BEGINNING 2383 FT FROM DER, 802 FT RIGHT OF CENTERLINE, UP TO 940 FT MSL.

TREE 2539 FT FROM DER, 802 FT LEFT OF CENTERLINE, 948 FT MSL.

TREE 2852 FT FROM DER, 1262 FT RIGHT OF CENTERLINE, 941 FT MSL.

NOTE: RWY 30: SIGN 15 FT FROM DER, 275 FT LEFT OF CENTERLINE, 3 FT AGL/875 FT MSL.

TREES BEGINNING 554 FT FROM DER, 603 FT RIGHT OF CENTERLINE, UP TO 891 FT MSL.

TREE 1904 FT FROM DER, 637 FT RIGHT OF CENTERLINE, 925 FT MSL.

TREE 2112 FT FROM DER, 883 FT RIGHT OF CENTERLINE, 929 FT MSL.

TREE 2163 FT FROM DER, 936 FT RIGHT OF CENTERLINE, 931 FT MSL.

TREE 2213 FT FROM DER, 1004 FT RIGHT OF CENTERLINE, 940 FT MSL.

TREE 4202 FT FROM DER, 1342 FT RIGHT OF CENTERLINE, 978 FT MSL.

TREES BEGINNING 4337 FT FROM DER, 1541 FT RIGHT OF CENTERLINE, UP TO 995 FT MSL.

NOTE: RWY 36: TERRAIN, NAVAID BEGINNING 20 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 875 FT MSL.

NAVAID 28 FT FROM DER, 148 FT RIGHT OF CENTERLINE, 4 FT AGL/872 FT MSL.

TREE 909 FT FROM DER, 605 FT RIGHT OF CENTERLINE, 932 FT MSL.

TREE 1093 FT FROM DER, 752 FT RIGHT OF CENTERLINE, 945 FT MSL.

TREES BEGINNING 1131 FT FROM DER, 542 FT RIGHT OF CENTERLINE, UP TO 950 FT MSL.

TREE 1243 FT FROM DER, 543 FT RIGHT OF CENTERLINE, 957 FT MSL.

TREE, POLE BEGINNING 1463 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 960 FT MSL.

TREE 1744 FT FROM DER, 122 FT LEFT OF CENTERLINE, 926 FT MSL.

TREES BEGINNING 1781 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 935 FT MSL.

TREES BEGINNING 2191 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 959 FT MSL.

TREE, POLE BEGINNING 2217 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 976 FT MSL.

TREES BEGINNING 2614 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 980 FT MSL.

TREES BEGINNING 2734 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 983 FT MSL.

TREES BEGINNING 4421 FT FROM DER, 460 FT RIGHT OF CENTERLINE, UP TO 984 FT MSL.

TREES BEGINNING 4452 FT FROM DER, 418 FT RIGHT OF CENTERLINE, UP TO 987 FT MSL.

TREE 4480 FT FROM DER, 480 FT RIGHT OF CENTERLINE, 988 FT MSL.

TREE 4484 FT FROM DER, 457 FT RIGHT OF CENTERLINE, 993 FT MSL.

TREE 4485 FT FROM DER, 502 FT RIGHT OF CENTERLINE, 995 FT MSL.

TREES BEGINNING 4525 FT FROM DER, 441 FT RIGHT OF CENTERLINE, UP TO 996 FT MSL.

TREES BEGINNING 4564 FT FROM DER, 402 FT RIGHT OF CENTERLINE, UP TO 1003 FT MSL.

TREES BEGINNING 4598 FT FROM DER, 378 FT RIGHT OF CENTERLINE, UP TO 1006 FT MSL.

TREES BEGINNING 4670 FT FROM DER, 383 FT RIGHT OF CENTERLINE, UP TO 1007 FT MSL.

TREES BEGINNING 4764 FT FROM DER, 384 FT RIGHT OF CENTERLINE, UP TO 1010 FT MSL.

TREES BEGINNING 4793 FT FROM DER, 357 FT RIGHT OF CENTERLINE, UP TO 1011 FT MSL.

TREES BEGINNING 4840 FT FROM DER, 400 FT RIGHT OF CENTERLINE, UP TO 1013 FT MSL.

TREES BEGINNING 4846 FT FROM DER, 26 FT RIGHT OF CENTERLINE, UP TO 1016 FT MSL.

TREE 5110 FT FROM DER, 27 FT LEFT OF CENTERLINE, 1009 FT MSL.

TREE 5180 FT FROM DER, 6 FT LEFT OF CENTERLINE, 1010 FT MSL.

TREE 5426 FT FROM DER, 721 FT RIGHT OF CENTERLINE, 1028 FT MSL.

CONTROLLING OBSTACLES:

RWY 36: 1028 FT MSL TREE (19-038182) 423449.28N/0922345.90W.

REMARKS:

RWY 6/24 PERMANENTLY CLOSED DUE TO CONDITION OF RUNWAY.



| <u>AIRPORT</u> | <u>AIRPORT ID</u> | <u>CITY</u> | <u>STATE</u> | <u>AMDT NO</u> | <u>EFFECTIVE DATE</u> |
|----------------|-------------------|-------------|--------------|----------------|-----------------------|
| WATERLOO RGNL | KALO | WATERLOO | IA | 1 | 22 APRIL 2021 |

| <u>FLIGHT INSPECTED BY</u> | <i>Digitally signed by</i> | <u>OFFICE</u> | <u>DATE</u> |
|----------------------------|-----------------------------------|---------------|-------------|
| DANIEL KIRBY | JOHN BORDY Jan 28, 2021 | FICO | 01/27/2021 |

| <u>DEVELOPED BY</u> | <i>Digitally signed by</i> | <u>OFFICE</u> | <u>DATE</u> |
|---------------------------|-----------------------------------|---------------|-------------|
| JOHN BORDY (ANDRE TUCKER) | JOHN BORDY Jan 28, 2021 | AJV-A422 | 07/01/2020 |

| <u>APPROVED BY</u> | <i>Digitally signed by</i> | <u>OFFICE</u> | <u>DATE</u> | <u>TITLE</u> |
|--------------------|-----------------------------------|---------------|-------------|--------------|
| MARLON ROBINSON | JOHN BORDY Jan 28, 2021 | AJV-A420 | | |

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, ALO ATCT, ALO APP CON, AMGR

CHANGES - REASONS:

1. INCORPORATES P-NOTAM TO REMOVE RWY 6 AND RWY 24 FROM PROCEDURE - RWYS ARE PERMANENTLY CLOSED.
2. ADDED "RWY 36: 300 - 1 1/8 OR STANDARD WITH MINIMUM CLIMB OF 235 FT PER NM TO 1100." TO TAKEOFF MINIMUMS - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTACLE.
3. UPDATED TAKEOFF OBSTACLE NOTES - AIRPORT UPDATED OBSTACLE SURVEY.
4. ADDED "RWY 36: 1028 FT MSL TREE (19-038182) 423449.28N/0922345.90W." TO CONTROLLING OBSTACLES - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTACLE.
5. ADDED "RWY 6/24 PERMANENTLY CLOSED DUE TO CONDITION OF RUNWAY." IN REMARKS - DECIDED BY AIRPORT/CITY.

