

**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>
ZANESVILLE MUNI	KZZV	ZANESVILLE	OH	1	27 JANUARY 2022

TAKEOFF MINIMUMS:

RWY 4, 22, 34: STANDARD.

RWY 16: 300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 1200, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4: TREES, LIGHTING, NAVAID BEGINNING 45 FT FROM DER, 115 FT RIGHT OF CENTERLINE, UP TO 92 FT AGL/900 FT MSL.

LIGHTING, NAVAID BEGINNING 51 FT FROM DER, 114 FT LEFT OF CENTERLINE, UP TO 3 FT AGL/873 FT MSL.

FENCE 80 FT FROM DER, 506 FT LEFT OF CENTERLINE, 874 FT MSL.

TREE 534 FT FROM DER, 634 FT LEFT OF CENTERLINE, 907 FT MSL.

NOTE: RWY 16: TREE, VEGETATION BEGINNING 2 FT FROM DER, 66 FT RIGHT OF CENTERLINE, UP TO 929 FT MSL.

VEGETATION 105 FT FROM DER, 95 FT LEFT OF CENTERLINE, 7 FT AGL/899 FT MSL.

TREE 194 FT FROM DER, 386 FT RIGHT OF CENTERLINE, 939 FT MSL.

TREES BEGINNING 208 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/956 FT MSL.

TREES BEGINNING 1280 FT FROM DER, 331 FT LEFT OF CENTERLINE, UP TO 934 FT MSL.

TREES BEGINNING 1435 FT FROM DER, 62 FT RIGHT OF CENTERLINE, UP TO 958 FT MSL.

TREE 1438 FT FROM DER, 528 FT LEFT OF CENTERLINE, 939 FT MSL.

TREES BEGINNING 1465 FT FROM DER, 35 FT RIGHT OF CENTERLINE, UP TO 962 FT MSL.

TREES BEGINNING 1522 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 942 FT MSL.

TREE 1618 FT FROM DER, 446 FT LEFT OF CENTERLINE, 944 FT MSL.

TREES BEGINNING 1730 FT FROM DER, 378 FT LEFT OF CENTERLINE, UP TO 945 FT MSL.

TREES BEGINNING 1860 FT FROM DER, 58 FT RIGHT OF CENTERLINE, UP TO 968 FT MSL.

TREES BEGINNING 1955 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/947 FT MSL.

TREES BEGINNING 1977 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 972 FT MSL.

TREES BEGINNING 2099 FT FROM DER, 129 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/948 FT MSL.

TREES BEGINNING 2107 FT FROM DER, 8 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/956 FT MSL.

TREES BEGINNING 2127 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 980 FT MSL.

TREES BEGINNING 2134 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 74 FT AGL/961 FT MSL.

TREES BEGINNING 2241 FT FROM DER, 6 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/971 FT MSL.

TREES BEGINNING 2276 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/975 FT MSL.

TREES BEGINNING 5615 FT FROM DER, 1532 FT RIGHT OF CENTERLINE, UP TO 1041 FT MSL.

TREE 1 NM FROM DER, 615 FT RIGHT OF CENTERLINE, 102 FT AGL/1065 FT MSL.

NOTE: RWY 22: VEHICLE ON ROAD, NAVAID, TREE BEGINNING 2 FT FROM DER, 114 FT RIGHT OF CENTERLINE, UP TO 910 FT MSL.

TREE, NAVAID BEGINNING 28 FT FROM DER, 114 FT LEFT OF CENTERLINE, UP TO 904 FT MSL.

TREE 105 FT FROM DER, 185 FT LEFT OF CENTERLINE, 25 FT AGL/917 FT MSL.

TREES BEGINNING 305 FT FROM DER, 293 FT LEFT OF CENTERLINE, UP TO 975 FT MSL.

TREES BEGINNING 419 FT FROM DER, 291 FT LEFT OF CENTERLINE, UP TO 984 FT MSL.

TREE 1285 FT FROM DER, 565 FT RIGHT OF CENTERLINE, 932 FT MSL.

NOTE: RWY 34: TREES, VEGETATION BEGINNING 23 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/920 FT MSL.

TREES BEGINNING 71 FT FROM DER, 212 FT RIGHT OF CENTERLINE, UP TO 888 FT MSL.

TREES BEGINNING 472 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 894 FT MSL.

TREE 1348 FT FROM DER, 189 FT RIGHT OF CENTERLINE, 75 FT AGL/903 FT MSL.

TREE 1351 FT FROM DER, 211 FT RIGHT OF CENTERLINE, 73 FT AGL/904 FT MSL.

TREE 1365 FT FROM DER, 216 FT RIGHT OF CENTERLINE, 73 FT AGL/906 FT MSL.

TREES BEGINNING 1365 FT FROM DER, 144 FT RIGHT OF CENTERLINE, UP TO 84 FT AGL/912 FT MSL.

TREES BEGINNING 1412 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/915 FT MSL.

QUALITY
2
CHECKED

AIRPORT	AIRPORT ID	CITY	STATE	AMDT NO	EFFECTIVE DATE
ZANESVILLE MUNI	KZZV	ZANESVILLE	OH	1	27 JANUARY 2022

TREES BEGINNING 1437 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/920 FT MSL.
 TREE 1521 FT FROM DER, 277 FT LEFT OF CENTERLINE, 101 FT AGL/921 FT MSL.
 TREE 1525 FT FROM DER, 299 FT LEFT OF CENTERLINE, 100 FT AGL/923 FT MSL.
 TREES BEGINNING 1531 FT FROM DER, 4 FT RIGHT OF CENTERLINE, UP TO 926 FT MSL.
 TREE 1563 FT FROM DER, 386 FT LEFT OF CENTERLINE, 934 FT MSL.
 TREES BEGINNING 1567 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 936 FT MSL.
 TREES BEGINNING 1674 FT FROM DER, 34 FT RIGHT OF CENTERLINE, UP TO 933 FT MSL.
 TREES BEGINNING 1680 FT FROM DER, 3 FT LEFT OF CENTERLINE, UP TO 937 FT MSL.
 TREES BEGINNING 1688 FT FROM DER, 15 FT RIGHT OF CENTERLINE, UP TO 943 FT MSL.
 TREES BEGINNING 1805 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 941 FT MSL.
 TREES, BUILDING BEGINNING 1878 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 952 FT MSL.
 TREES BEGINNING 1880 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 946 FT MSL.
 TREES BEGINNING 1976 FT FROM DER, 16 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/956 FT MSL.
 TREES BEGINNING 2322 FT FROM DER, 137 FT LEFT OF CENTERLINE, UP TO 962 FT MSL.
 TREES BEGINNING 2420 FT FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 968 FT MSL.
 GRAIN ELEVATOR, BUILDING BEGINNING 2977 FT FROM DER, 73 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/954 FT MSL.
 TREES BEGINNING 3046 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 975 FT MSL.
 TREE 3581 FT FROM DER, 80 FT RIGHT OF CENTERLINE, 75 FT AGL/957 FT MSL.
 TREE 3592 FT FROM DER, 97 FT RIGHT OF CENTERLINE, 78 FT AGL/959 FT MSL.
 TREES BEGINNING 3593 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/968 FT MSL.

CONTROLLING OBSTACLES:

RWY 16: 1065 FT MSL TREE 395517.75N/0815249.87W.

REMARKS:

100 FT TREE HEIGHT USED.

FLIGHT INSPECTED BY

SHAWN D MAXWELL

Digitally signed by

JON DENTON

Nov 02, 2021

OFFICE

FPO

DATE

10/28/2021

DEVELOPED BY

JON DENTON (SILVIA YOUNG)

Digitally signed by

JON DENTON

Nov 02, 2021

OFFICE

AJV-A432

DATE

09/23/2021

APPROVED BY

LONNIE EVERHART

Digitally signed by

JON DENTON

Nov 02, 2021

OFFICE

AJV-A430

DATE

TITLE

MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, ZID APP CON, AMGR

CHANGES - REASONS:

1. INCORPORATED CHANGES FROM NOTAM 1/2915.
2. UPDATED RWY 16 TAKEOFF MINIMUMS FROM "STANDARD" TO "300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 1200, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FEET PRIOR TO DER." - NEW CONTROLLING OBSTACLE.
3. UPDATED TAKEOFF OBSTACLE NOTES FOR RWYS 4, 16, 22 AND 34 - NEW OBSTACLE EVALUATION.
4. ADDED RWY 16 CONTROLLING OBSTACLES - NEW OBSTACLE EVALUATION.
5. REMOVED RWY 22 AND RWY 34 CONTROLLING OBSTACLES - NEW OBSTACLE EVALUATION.
6. ADDED "100 FT TREE HEIGHT USED" TO REMARKS - 100 FT TREE HEIGHT USED FOR PROCEDURE EVALUATION.

QUALITY
2
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