

**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 ID	CITY	STATE	AMDT NO	ACTUAL EFFECTIVE DATE
110	CALDWELL	OH	2	

TAKEOFF MINIMUMS:

RWY 5: 400-2 1/2.
RWY 23: 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 281 FT/NM TO 1300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5: CLIMB ON HEADING 047.52 TO 1400 BEFORE TURNING LEFT.
RWY 23, CLIMB ON HEADING 227.52 TO 1600 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

RWY 5: TREES 59 FT FROM DER, 39 FT RIGHT OF CENTERLINE, 100 FT AGL/983 FT MSL.
TREES 138 FT FROM DER, 335 FT LEFT OF CENTERLINE, 100 FT AGL/980 FT MSL.
TREES 211 FT FROM DER, 217 FT RIGHT OF CENTERLINE, 100 FT AGL/996 FT MSL.
TREES BEGINNING 290 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/986 FT MSL.
TREES BEGINNING 363 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1036 FT MSL.
TREES, BUILDING, VEHICLES ON ROAD BEGINNING 515 FT FROM DER, 1 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1049 FT MSL.
TREES, BUILDING BEGINNING 521 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/990 FT MSL.
TREES 673 FT FROM DER, 176 FT LEFT OF CENTERLINE, 100 FT AGL/996 FT MSL.
TREE 751 FT FROM DER, 552 FT LEFT OF CENTERLINE, 100 FT AGL/1022 FT MSL.
TREES BEGINNING 903 FT FROM DER, 374 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1042 FT MSL.
TREES BEGINNING 1056 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1045 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 1438 FT FROM DER, 37 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1049 FT MSL.
TREES, BUILDING BEGINNING 1669 FT FROM DER, 234 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1052 FT MSL.
TREES, VEHICLES ON ROAD BEGINNING 1973 FT FROM DER, 56 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1062 FT MSL.
TREES BEGINNING 2126 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1055 FT MSL.
TREES BEGINNING 2204 FT FROM DER, 76 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1065 FT MSL.
TREES BEGINNING 2361 FT FROM DER, 95 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1081 FT MSL.
TREES BEGINNING 3804 FT FROM DER, 222 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1065 FT MSL.
TREES 3883 FT FROM DER, 775 FT RIGHT OF CENTERLINE, 100 FT AGL/1072 FT MSL.
TREES BEGINNING 3956 FT FROM DER, 24 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1078 FT MSL.
TREES BEGINNING 3972 FT FROM DER, 172 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.
TREES BEGINNING 4108 FT FROM DER, 577 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1085 FT MSL.
TREES BEGINNING 4187 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1098 FT MSL.
TREES BEGINNING 4339 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1101 FT MSL.
TREES BEGINNING 4354 FT FROM DER, 13 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1101 FT MSL.
TREES BEGINNING 1 NM FROM DER, 86 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1111 FT MSL.
TREES BEGINNING 1 NM FROM DER, 91 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1167 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 129 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1200 FT MSL.
TREES BEGINNING 1.1 NM FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1147 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 206 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1170 FT MSL.
TREES BEGINNING 1.2 NM FROM DER, 543 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1203 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1236 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1255 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 87 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1265 FT MSL.
TREES BEGINNING 1.9 NM FROM DER, 546 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1265 FT MSL.
TREES 2 NM FROM DER, 724 FT RIGHT OF CENTERLINE, 100 FT AGL/1196 FT MSL.

RWY 23: TREES BEGINNING 31 FT FROM DER, 85 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/954 FT MSL.
TREES BEGINNING 110 FT FROM DER, 54 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/970 FT MSL.
TREES BEGINNING 1101 FT FROM DER, 263 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/967 FT MSL.
TREES BEGINNING 1253 FT FROM DER, 441 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/973 FT MSL.
TREE 2019 FT FROM DER, 778 FT RIGHT OF CENTERLINE, 100 FT AGL/976 FT MSL.
TREES BEGINNING 2171 FT FROM DER, 561 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/983 FT MSL.
TREES BEGINNING 2948 FT FROM DER, 583 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/986 FT MSL.
TREES BEGINNING 1.3 NM FROM DER, 100 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1150 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 119 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1173 FT MSL.
TREES BEGINNING 1.4 NM FROM DER, 58 FT RIGHT OF CENTERLINE, 100 FT AGL/1170 FT MSL.
TREES BEGINNING 1.5 NM FROM DER, 39 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1180 FT MSL.
TREES BEGINNING 1.6 NM FROM DER, 730 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1190 FT MSL.
TREES BEGINNING 1.7 NM FROM DER, 590 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1196 FT MSL.
TREES BEGINNING 2 NM FROM DER, 1595 FT LEFT OF CENTERLINE, 100 FT AGL/1186 FT MSL.



AIRPORT ID
110

CITY
CALDWELL

STATE
OH

AMDT NO
2

ACTUAL EFFECTIVE DATE

CONTROLLING OBSTACLES:

RWY 5: 1196 FT MSL TREE 394945.00N/0813006.00W (VISIBILITY), 1265 FT MSL TREE 394933.00N/0813033.00W (CEILING).
RWY 23: 1173 FT MSL TREE 394642.00N/0813336.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 1186 FT MSL TREE 394606.00N/0813354.00W (VISIBILITY), 1196 FT MSL TREE 394624.00N/0813348.00W (CEILING).
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 5: 1235 FT MSL TREE 394912.00N/0813139.00W, RWY 23: 1427 FT MSL TOWER 394455.99N/0813340.63W.

REMARKS:

100 FT VEGETATION USED PER FPT.
APPROVAL LETTER SUBMITTED FOR RWY 5 CEILING/VIS (400-2 1/2) ONLY MINIMUMS.

FLIGHT INSPECTED BY
RYAN CARAMANICA

Digitally signed by
CASIMIR L TABAKA
Feb 09, 2026

OFFICE
AJF

DATE
02/05/2026

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by
CASIMIR L TABAKA

OFFICE
AJV-A432

DATE
10/14/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by Feb 09, 2026
CASIMIR L TABAKA
Feb 09, 2026

OFFICE
AJV-A432

DATE
04/09/2026

TITLE
MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZID, ZOB, AMGR

CHANGES - REASONS:

1. TAKEOFF MINIMUMS: CHANGED RYW 5 MINS FROM "400-1" TO "400-2 1/2" - NEW OBSTACLE EVALUATION.
2. TAKEOFF MINIMUMS: CHANGED RWY 23 FROM "400-1" TO "400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 281 FT/NM TO 1300" - NEW OBSTACLE EVALUATION.
3. TEXTUAL DEPARTURE PROCEDURES: ADDED "RWY 5: CLIMB ON HEADING 047.52 TO 1400 BEFORE TURNING LEFT" - NEW OBSTACLE EVALUATION.
4. TEXTUAL DEPARTURE PROCEDURES: CHANGED RWY 23 FROM "RWY 23: CUMB RUNWAY HEADING TO 1500 BEFORE TURNING" TO "RWY 23, CLIMB ON HEADING 227.52 TO 1600 BEFORE TURNING LEFT" - CANCELS FDC NOTAM 5/4020.
5. UPDATED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE EVALUATION.
6. CONTROLLING OBSTACLES: CHANGED RWY 5 FROM "RWY05: 1259 TREES 394935/813104" TO "RWY 5: 1196 FT MSL TREE 394945.00N/0813006.00W (VISIBILITY), 1265 FT MSL TREE 394933.00N/0813033.00W (CEILING)" NEW OBSTACLE EVALUATION.
7. CONTROLLING OBSTACLES: CHANGED RWY 23 FROM "RWY22: 1218 TREES 384621/813344" TO "RWY 23: 1173 FT MSL TREE 394642.00N/0813336.00W (CLIMB GRADIENT) (CLIMB GRADIENT TERMINATION ALTITUDE), 1186 FT MSL TREE 394606.00N/0813354.00W (VISIBILITY), 1196 FT MSL TREE 394624.00N/0813348.00W (CEILING)" - NEW OBSTACLE EVALUATION.
8. OBSTACLES MANDATING ROUTE: ADDED "RWY 5: 1235 FT MSL TREE 394912.00N/0813139.00W", CHANGED RWY 23 FROM "1380 TOWER 544581813341" TO "RWY 23: 1427 FT MSL TOWER 394455.99N/0813340.63W" - NEW OBSTACLE EVALUATION, CANCELS FDC NOTAM 5/4020.

