

**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
HAO	HAMILTON	OH	5A	04/17/2025

**TAKEOFF MINIMUMS:**

RWY 12: STANDARD.

RWY 30: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 482 FT/NM TO 900.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 12: CLIMB HEADING 126.37 TO 1700 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 12: TREE 939 FT FROM DER, 751 FT RIGHT OF CENTERLINE, 667 FT MSL.

POLE 2962 FT FROM DER, 616 FT LEFT OF CENTERLINE, 29 FT AGL/694 FT MSL.

POLE 3320 FT FROM DER, 614 FT LEFT OF CENTERLINE, 53 FT AGL/706 FT MSL.

POLE 3559 FT FROM DER, 167 FT LEFT OF CENTERLINE, 62 FT AGL/711 FT MSL.

TREE 3624 FT FROM DER, 129 FT RIGHT OF CENTERLINE, 717 FT MSL.

NOTE: RWY 30: VEGETATION 155 FT FROM DER, 277 FT RIGHT OF CENTERLINE, 641 FT MSL.

BUILDING 533 FT FROM DER, 374 FT LEFT OF CENTERLINE, 29 FT AGL/657 FT MSL.

TREE 963 FT FROM DER, 416 FT RIGHT OF CENTERLINE, 667 FT MSL.

TREE 1123 FT FROM DER, 722 FT LEFT OF CENTERLINE, 698 FT MSL.

TREE 1395 FT FROM DER, 758 FT LEFT OF CENTERLINE, 702 FT MSL.

VEHICLES ON ROAD, TREES BEGINNING 1946 FT FROM DER, 244 FT RIGHT OF CENTERLINE, UP TO 703 FT MSL.

POLE 2217 FT FROM DER, 422 FT RIGHT OF CENTERLINE, 22 FT AGL/721 FT MSL.

TREES, BUILDINGS BEGINNING 2243 FT FROM DER, 371 FT RIGHT OF CENTERLINE, UP TO 782 FT MSL.

TREE 2580 FT FROM DER, 289 FT LEFT OF CENTERLINE, 705 FT MSL.

TREES BEGINNING 2595 FT FROM DER, 105 FT RIGHT OF CENTERLINE, UP TO 788 FT MSL.

TREES BEGINNING 2667 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 723 FT MSL.

TREE 3395 FT FROM DER, 863 FT RIGHT OF CENTERLINE, 796 FT MSL.

TREES BEGINNING 3548 FT FROM DER, 242 FT RIGHT OF CENTERLINE, UP TO 814 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 30: 814 FT MSL TREE 392221.67N/0843229.17W (CLIMB-TO ALTITUDE) (CEILING) (VISIBILITY), 788 FT MSL TREE 392217.48N/0843218.23W (CLIMB GRADIENT).

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 12: 1351 FT MSL TOWER 392111.70N/0842501.49W.

**REMARKS:**

100' VEGETATION USED.

**FLIGHT INSPECTED BY**

*Digitally signed by*

**OFFICE**

**DATE**

PENDING

**ROBERT G HAMILTON**

Feb 10, 2025

**DEVELOPED BY**

*Digitally signed by*

**OFFICE**

**DATE**

GUY COPELAND

**ROBERT G HAMILTON**

Feb 10, 2025

AJV-A433

09/10/2024

**APPROVED BY**

*Digitally signed by*

**OFFICE**

**DATE**

**TITLE**

BEV L BORDY

**ROBERT G HAMILTON**

AJV-A430

03/13/2025

MANAGER

Feb 10, 2025

**REQUIRED EFFECTIVE DATE:**

2025-04-17

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒

**OTHER:** ZID, CVG APP CON, AMGR

**CHANGES - REASONS:**

1. RWY RENUMBERED FROM 11/29 TO 12/30 - AIRPORT MAGVAR CHANGED FROM 5W 2000 TO 6W 2025.
2. RWY 12 TEXTUAL DEPARTURE PROCEDURE HEADING CHANGED FROM 125.37 TO 126.37 - AIRPORT MAGVAR CHANGE FROM 5W 2020 TO 6W 2025.
3. 6W 2025.
4. UPDATED ALL TAKEOFF OBSTACLE NOTES.

02/06/2025 THIS IS AN UPDATED COPY OF THE FORM APPROVED ON 11/22/2024

1. PROCEDURE CHANGED TO HARD DATE EFFECTIVE 04/17/2025.

QUALITY  
50  
CHECKED