

**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>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
HASTINGS, MI	HASTINGS	29 MARCH 2018	6

**TAKEOFF MINIMUMS:**

**RWY 9, 18, 27, 36:** NA - ENVIRONMENTAL

**RWY 12, 30:** STANDARD

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 12,** TREE 18 FT FROM DER, 225 FT RIGHT OF CENTERLINE, 826 FT MSL. TREES 57 FT FROM DER, 419 FT RIGHT OF CENTERLINE, UP TO 868 FT MSL. TREES BEGINNING 2086 FT FROM DER, 288 FT RIGHT OF CENTERLINE, UP TO 884 FT MSL. TREES, AND TERRAIN 80 FT FROM DER, 269 FT LEFT OF CENTERLINE, UP TO 851 FT MSL. TREES, TERRAIN, VEGETATION BEGINNING 280 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 885 FT MSL.

**NOTE: RWY 30,** TREES 170 FT FROM DER, 452 FT LEFT OF CENTERLINE, UP TO 829 FT MSL. TREES 602 FT FROM DER, 365 FT LEFT OF CENTERLINE, UP TO 848 FT MSL. TREES BEGINNING 712 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 867 FT MSL. TRAVERSE WAY 191 FT FROM DER, 491 FT RIGHT OF CENTERLINE, 810 FT MSL. TREES 245 FT FROM DER, 484 FT RIGHT OF CENTERLINE, 851 FT MSL. TREES BEGINNING 1477 FT FROM DER, 90 FT RIGHT OF CENTERLINE, UP TO 869 FT MSL.

**CONTROLLING OBSTACLES:**

**REMARKS:**

PER FPT, TURF RUNWAYS ARE NOT AUTHORIZED FOR IFR OPERATIONS.

**FLIGHT INSPECTED BY:**

RUSSELL P ELLIOTT

*Digitally signed by*  
**ROBERT G HAMILTON**  
Jan 31, 2018

**OFFICE SYMBOL:**

FICO

**DATE:**

01/30/2018

**DEVELOPED BY:**

GEORGETTE P. BARNETT

*Digitally signed by*  
**GEORGETTE P BARNETT**  
Nov 28, 2017

**OFFICE SYMBOL:**

AJV-5422

**DATE:**

11/28/2017

**APPROVED BY:**

JULIE MORGAN

*Digitally signed by*  
**ROBERT G HAMILTON**  
Jan 31, 2018

**OFFICE SYMBOL:**

AJV-5420

**DATE:**

**REQUIRED EFFECTIVE DATE:**

03/29/2018 - RUNWAY EXTENSION PROJECT.

**COORDINATED WITH:**

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**

ZAU, GRR APP, GRR ATCT, AMGR

**CHANGES - REASONS:**

TAKEOFF MINIMUMS: RWY 12 CHANGED FROM "300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1100" TO "STANDARD"  
- RE-EVALUATION OF ICA/DIVERSE AREAS, NEW OBSTACLE SURVEY DATA, RWY EXTENDED.

DELETED: RWY 12, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 1100 - CG NOT REQUIRED.

UPDATED LOW CLOSE-IN OBSTACLE NOTES - NEW OBSTACLE SURVEY DATA, RUNWAY EXTENSION PROJECT.

DELETED RWY 12 CONTROLLING OBSTACLE - CG NOT REQUIRED, NEW OBSTACLE SURVEY DATA.

QUALITY  
5  
CHECKED