

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
HAYWARD, WI	SAWYER COUNTY	20 AUGUST 2015	5

**TAKEOFF MINIMUMS:**

RWY 16, 34, NA-ENVIRONMENTAL.  
RWY 2, 20, STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 2, TREES AND POLE BEGINNING 37 FT FROM DER, 163 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/1238 FT MSL. TREES BEGINNING 106 FT FROM DER, 224 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/1260 FT MSL. TREES BEGINNING 131 FT FROM DER, 311 FT LEFT OF CENTERLINE, UP TO 88 FT AGL/1298 FT MSL. TREES BEGINNING 262 FT FROM DER, 412 FT RIGHT OF CENTERLINE, UP TO 77 FT AGL/1288 FT MSL. TREES BEGINNING 1818 FT FROM DER, CROSSING CENTERLINE, UP TO 100 FT AGL/1311 FT MSL.**

**NOTE: RWY 20, VEHICLES ON ROAD, POLE, AND NAVAID BEGINNING 17 FT FROM DER, 91 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/1224 FT MSL. TREE 272 FT FROM DER, 416 FT LEFT OF CENTERLINE, 17 FT AGL/1218 FT MSL. TREES, POLE, AND NAVAID BEGINNING 326 FT FROM DER, 254 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/1284 FT MSL. TREES BEGINNING 2344 FT FROM DER, CROSSING CENTERLINE, UP TO 100 FT AGL/1311 FT MSL.**

**CONTROLLING OBSTACLES:**



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**REMARKS:**

**FLIGHT INSPECTED BY:**

PAUL ARMSTRONG

*Digitally signed by*  
**JACOB POWERS**  
 Jun 27, 2015

11/5/2014

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

STEVEN NELSON

*Digitally signed by*  
**JACOB POWERS**  
 Jun 27, 2015

AJV-353

07/30/2014

**APPROVED BY:**

GEORGE GONZALEZ

*Digitally signed by*  
**JACOB POWERS**  
 Jun 27, 2015

AJV-353

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZMP, AMGR.

**CHANGES:**

1. CHANGED TAKEOFF MINIMUMS RWY 16, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 384 FT PER NM TO 1600 TO NA-ENVIRONMENTAL.
2. CHANGED TAKEOFF MINIMUMS RWY 34, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 1300 TO NA-ENVIRONMENTAL.
3. CHANGED TAKEOFF MINIMUMS RWY 20, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 1300 TO STANDARD.
4. ADDED TAKEOFF MINIMUMS RWY 2, STANDARD.
5. DELETED DEPARTURE PROCEDURE RWY 16.
6. ADDED TAKEOFF OBSTACLES NOTES.

**REASONS:**

- 1 - 2, 5. PER IFP CHECKLIST. TURF RUNWAY.
- 3 - 4. CURRENT AIRPORT AND OBSTACLE DATA.
6. CURRENT OBSTACLE DATA.

