

**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.

<b>CITY, STATE</b>	<b>AIRPORT</b>	<b>EFFECTIVE DATE</b>	<b>AMDT NO</b>
WINONA, MN	WINONA MUNI-MAX CONRAD FLD	22 JUNE 2017	5A

**TAKEOFF MINIMUMS:**

**RWY 12:** STANDARD.

**RWY 30:** 700-2 ¾ WITH MINIMUM CLIMB OF 318 FT PER NM TO 1700 OR STANDARD WITH MINIMUM CLIMB OF 454 FT PER NM TO 1300 OR 1400-2 ¾ FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

**NOTE: RWY 12,** CLIMB HEADING 110 TO 1900 BEFORE TURNING.

**NOTE: RWY 30,** CLIMB HEADING 300.39 TO 1400 BEFORE TURNING.

**VISUAL CLIMB OVER AIRPORT:**

**RWY 30,** OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WINONA MUNI-MAX CONRAD FLD AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 12,** FENCE BEGINNING 89 FT FROM DER, 102 FT RIGHT OF CENTERLINE, 5 FT AGL/660 FT MSL. TREES BEGINNING 958 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 87 FT AGL/737 FT MSL.

**NOTE: RWY 30,** TREES BEGINNING 789 FT FROM DER, 28 FT RIGHT OF CENTERLINE, 104 FT AGL/758 FT MSL. TREE 56 FT FROM DER, 431 FT LEFT OF CENTERLINE, 12 FT AGL/666 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 30:** 1076 FT MSL TREE 440514.25N/0914457.34W (CLIMB GRADIENT); 1260 FT MSL TREE 440637.15N/0914556.36W (CEILING/VISIBILITY, CLIMB GRADIENT); 1439 FT AAO 440645.71N/0914717.35W (CEILING/VISIBILITY/CLIMB TO ALTITUDE).

**OBSTACLES MANDATING ROUTE DEVELOPMENT:**

**RWY 12-** 1626 FT MSL TOWER 440153.00N/0913834.00W, **RWY 30-** 1229 FT MSL TREE 440439.25N/0914430.51W.

**REMARKS:**

**FLIGHT INSPECTED BY:**

JORGE A. MALCUN

*Digitally signed by*

**ADOLFO D URRUTIA**

Apr 11, 2017

**OFFICE SYMBOL:**

FICO

**DATE:**

04/07/2017

**DEVELOPED BY:**

ROBERT W. COOK

**ROBERT W COOK**

Digitally signed by ROBERT W COOK  
Date: 2017.03.07 12:32:30 -06'00'

**OFFICE SYMBOL:**

AJV-5411

**DATE:**

11/16/2016

**APPROVED BY:**

GEORGE E. DAVIS

*Digitally signed by*

**ADOLFO D URRUTIA**

Apr 11, 2017

**OFFICE SYMBOL:**

AJV-5410

**DATE:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

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

**OTHER:**

ZMP, AMGR.

**CHANGES - REASONS:**

1. DELETE ALL REFERENCES TO RUNWAYS 17 AND 35-RUNWAYS 17 AND 35 DECOMMISSIONED.

