

**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.

CITY, STATE	AIRPORT	EFFECTIVE DATE	AMDT NO
SAGINAW, MI	SAGINAW COUNTY H W BROWNE	7 DECEMBER 2017	9

TAKEOFF MINIMUMS:

RWY 5, 10, 23, 28 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5 - CLIMB HEADING 051.60 TO 1900 BEFORE TURNING LEFT.

RWY 10 - CLIMB HEADING 096.93 TO 1600 BEFORE TURNING LEFT.

RWY 23 - CLIMB HEADING 231.60 TO 1300 BEFORE PROCEEDING ON COURSE.

RWY 28 - CLIMB HEADING 276.94 TO 1300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 05, LIGHTING 10 FT FROM DER, 20 FT RIGHT OF CENTERLINE, 2 FT AGL/600 FT MSL. TRAVERSE WAY 18 FT FROM DER, 349 FT LEFT OF CENTERLINE, 606 FT MSL. ANTENNA, TREE, POLE, BEGINNING 285 FT FROM DER, 173 FT RIGHT OF CENTERLINE, UP TO 46 FT AGL/642 FT MSL. TRAVERSE WAY 345 FT FROM DER, 17 FT LEFT OF CENTERLINE, 607 FT MSL. TREE 983 FT FROM DER, 365 FT RIGHT OF CENTERLINE, 657 FT MSL.

NOTE: RWY 10, LIGHTING 6 FT FROM DER, 9 FT RIGHT OF CENTERLINE, 2 FT AGL/599 FT MSL. LIGHTING 6 FT FROM DER, 9 FT LEFT OF CENTERLINE, 2 FT AGL/599 FT MSL. TRANSMISSION LINE 1037 FT FROM DER, 641 FT LEFT OF CENTERLINE, 34 FT AGL/628 FT MSL. TRANSMISSION LINE 1261 FT FROM DER, 632 FT LEFT OF CENTERLINE, 38 FT AGL/632 FT MSL.

NOTE: RWY 23, LIGHTING 10 FT FROM DER, 19 FT RIGHT OF CENTERLINE, 3 FT AGL/603 FT MSL. TREE, TRAVERSE WAY BEGINNING 54 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 652 FT MSL. TREE 959 FT FROM DER, 414 FT RIGHT OF CENTERLINE, 664 FT MSL.

NOTE: RWY 28, LIGHTING 9 FT FROM DER, 30 FT LEFT OF CENTERLINE, 3 FT AGL/601 FT MSL. LIGHTING 10 FT FROM DER, 30 FT RIGHT OF CENTERLINE, 3 FT AGL/601 FT MSL. TRANSMISSION LINE 3519 FT FROM DER, 239 FT RIGHT OF CENTERLINE, 92 FT AGL/691 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 5, 10, 23, 28: 1634 FEET MSL TOWER 432814.00N/0835035.00W.

REMARKS:

FLIGHT INSPECTED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
JEFFREY W HARING	DION E LANCIA	FICO	09/29/2017
	Oct 06, 2017		

DEVELOPED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
DION LANCIA (STEPHANIE BARBEE)	DION E LANCIA	AJV - 5423	05/05/2017
	Oct 06, 2017		

APPROVED BY:	<i>Digitally signed by</i>	OFFICE SYMBOL:	DATE:
JULIE MORGAN	DION E LANCIA	AJV - 5420	
	Oct 06, 2017		

REQUIRED EFFECTIVE DATE:
ROUTINE

COORDINATED WITH:

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



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OTHER:

AMGR, ZOB, SAGINAW APP CON

CHANGES - REASONS:

UPDATED RUNWAY NUMBERS FROM 9/27 TO 10/28 AND ALL RUNWAY HEADINGS- MAGVAR UPDATE
FROM 4W/1980 TO 7W/2020.

UPDATED TAKEOFF OBSTACLE NOTES - NEW OBSTACLE DATA IN DATABASE.

