

**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>
HARLOWTON, MT	WHEATLAND COUNTY AT HARLOWTON	30 JANUARY 2020	ORIG

**TAKEOFF MINIMUMS:**

RWY 9: STANDARD WITH MINIMUM CLIMB OF 240 FEET PER NM TO 12000, OR 3400-3 FOR VCOA.  
RWY 27: STANDARD WITH MINIMUM CLIMB OF 300 TO 11000, OR 3400-3 FOR VCOA.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 9: CLIMB HEADING 087.65 TO 6000 BEFORE PROCEEDING ON COURSE.  
RWY 27: CLIMB HEADING 267.66 TO 6000 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS WHEATLAND COUNTY AT HARLOWTON AIRPORT AT OR ABOVE 7600 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 09, LIGHTING 10 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 2 FT AGL/4263 FT MSL.  
VEGETATION 52 FT FROM DER, 407 FT LEFT OF CENTERLINE, 4266 FT MSL.  
VEHICLES ON ROAD 121 FT FROM DER, 527 FT RIGHT OF CENTERLINE, 15 FT AGL/4265 FT MSL.  
TERRAIN BEGINNING 3264 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 4350 FT MSL.

NOTE: RWY 27, LIGHTING 10 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 2 FT AGL/4314 FT MSL.  
TREES, BUILDING, FENCE, POLE BEGINNING 91 FT FROM DER, 34 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/4333 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 9: 11409 FT MSL AAO 460106.00N/1101639.00W (CG/CGTA).

RWY 27: 9360 MSL FT AAO (CG), 11409 FT MSL AAO 460106.00N/1101639.00W (CGTA).

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 9/27: 11409 FT MSL AAO 460106.00N/1101639.00W.

VCOA: VISUAL CLIMB AREA: 5191 FT MSL AAO 462257.00N/1095406.00W, OBSTACLE OUTSIDE OF VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 11409 FT MSL AAO 460106.00N/1101639.00W

**REMARKS:**

98 FT VERTICAL ACCURACY CODE (4E) ADJUSTMENT APPLIED TO CLIMB GRADIENT AND CLIMB TO ALTITUDE OBSTACLE.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED IN THE VCOA.

**FLIGHT INSPECTED BY:**

SCOTT A THOMPSON

*Digitally signed by*  
**WARDELL HENNING**  
Dec 18, 2019

**OFFICE SYMBOL:**

FICO

**DATE:**

11/22/19

**DEVELOPED BY:**

ANDREW HENNING (THERON CYRUS)

*Digitally signed by*  
**WARDELL HENNING**  
Dec 18, 2019

**OFFICE SYMBOL:**

AJV-A432

**DATE:**

06/21/2019

**APPROVED BY:**

LONNIE EVERHART

*Digitally signed by*  
**WARDELL HENNING**  
Dec 18, 2019

**OFFICE SYMBOL:**

AJV-A430

**DATE:**

**REQUIRED EFFECTIVE DATE:**  
ROUTINE

**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"/>



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**CITY, STATE**

HARLOWTON, MT

**AIRPORT**

WHEATLAND COUNTY AT HARLOWTON

**EFFECTIVE DATE**

30 JANUARY 2020

**AMDT NO**

ORIG

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**OTHER:**

ZLC, AMGR

**CHANGES - REASONS:**

ORIGINAL PROCEDURE.

CONCURRENT EFFECTIVE WITH AIRSPACE DOCKET: 19-ANM-7.

