

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.

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<u>CITY, STATE</u>	<u>AIRPORT</u>	<u>EFFECTIVE DATE</u>	<u>AMDT NO</u>
BILLINGS, MT	BILLINGS LOGAN INTL	1 FEBRUARY 2018	7A

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**TAKEOFF MINIMUMS:**

RWY 10R: NA - ENVIRONMENTAL  
RWY 7, 10L, 25, 28L/R: STANDARD

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 10L - CLIMB HEADING 101.72 TO 4600, THEN ON ASSIGNED HEADING.

**VISUAL CLIMB OVER AIRPORT:**

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 7, GROUND BEGINNING 9 FT FROM DER, 55 FT RIGHT OF CENTERLINE, UP TO 3498 FT MSL. FENCE 466 FT FROM DER, 534 FT RIGHT OF CENTERLINE, 3511 FT MSL.

NOTE: RWY 10L, GROUND BEGINNING 22 FT FROM DER, 496 FT RIGHT OF CENTERLINE. UP TO 3505 FT MSL. VEHICLES ON ROAD BEGINNING 622 FT FROM DER, 426 FT RIGHT OF CENTERLINE. 15 FT AGL 3524 FT MSL. FENCE 464 FT FROM DER. 534 FT RIGHT OF CENTERLINE, 11 FT AGL/3511 FT MSL.

NOTE: RWY 25, GROUND BEGINNING 16 FT FROM DER, 456 FT LEFT OF CENTERLINE, UP TO 3642 FT MSL. GROUND BEGINNING 52 FT FROM DER, 366 FT RIGHT OF CENTERLINE, UP TO 3647 FT MSL. NUMEROUS POLES, VERTICAL STRUCTURES, AND FENCE BEGINNING 189 FT FROM CENTERLINE, 184 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/3673 FT MSL. TREE 4760 FT FROM DER, 1545 FT RIGHT OF CENTERLINE, 30 FT AGL/3769 FT MSL.

NOTE: RWY 28L, GROUND BEGINNING 25 FT FROM DER, 365 FT LEFT OF CENTERLINE, UP TO 3660 FT MSL. BLDG 1680 FT FROM DER, 717 FT LEFT OF CENTERLINE, 35 FT AGL/3707 FT MSL. BLDG 3523 FT FROM DER, 708 FT LEFT OF CENTERLINE, 3743 FT MSL. TREE 3682 FT FROM DER, 937 FT LEFT OF CENTERLINE, 30 FT AGL/3769 FT MSL.

**CONTROLLING OBSTACLES:**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 10L: 4248 FT MSL TOWER 454537.00N/1082717.00W.

**REMARKS:**



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<b>CITY, STATE</b> BILLINGS, MT	<b>AIRPORT</b> BILLINGS LOGAN INTL	<b>EFFECTIVE DATE</b> 1 FEBRUARY 2018	<b>AMDT NO</b> 7A
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<b>FLIGHT INSPECTED BY:</b> JOHN KEARBY	<i>Digitally signed by</i> <b>BEV L BORDY</b> Sep 07, 2017	<b>OFFICE SYMBOL:</b> FIOG	<b>DATE:</b> 08/03/2017
<b>DEVELOPED BY:</b> SYLVAN DRAKES	<i>Digitally signed by</i> <b>BEV L BORDY</b> Sep 07, 2017	<b>OFFICE SYMBOL:</b> AJV-5433	<b>DATE:</b> 05/10/2017
<b>APPROVED BY:</b> PATRICK MULQUEEN	<i>Digitally signed by</i> <b>BEV L BORDY</b> Sep 07, 2017	<b>OFFICE SYMBOL:</b> AJV-5430	<b>DATE:</b>

**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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**OTHER:**  
ZLC, AMGR.

**CHANGES - REASONS:**

1. UPDATED MAGNETIC VARIATION (MAG VAR) FOR BILLINGS LOGAN INTERNATIONAL AIRPORT (KBIL) - UPDATED FROM 14E (EPOCH YEAR 1990) "TO" 10E (EPOCH YEAR 2020) - MAGNETIC VARIATION UPDATE REQUIRED.
2. UPDATED RWY 10L TEXTUAL DEPARTURE PROCEDURES FROM RWY 10L - CLIMB HEADING 097.72 TO 4600 BEFORE TURNING RIGHT TO RWY 10L - CLIMB HEADING 101.72 TO 4600, THEN ON ASSIGNED HEADING... PER ATC REQUEST.
3. UPDATED RWY 7, 10L/R, 25, 28L TAKEOFF OBSTACLE NOTES... NEW/UPDATED SURVEYED DATA AND TAKEOFF OBSTACLES.

09/07/17: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 05/10/17.

1. CHANGED RWY 10R FROM STANDARD TO READ NA - ENVIRONMENTAL IN TAKEOFF MINIMUMS SECTION.
2. REMOVED RWY 10R OBSTACLES FROM TAKEOFF OBSTACLE NOTES SECTION.

