

**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>AIRPORT</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
BATTLE MOUNTAIN	KBAM	BATTLE MOUNTAIN	NV	5	03/26/2020

**TAKEOFF MINIMUMS:**

RWY 4, STANDARD WITH MINIMUM CLIMB OF 335 FEET PER NM TO 6300 OR 4800-3 FOR VCOA.  
RWY 13, STANDARD WITH MINIMUM CLIMB OF 350 FEET PER NM TO 6500 OR 4800-3 FOR VCOA.  
RWY 22, 31, STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 4: CLIMB ON HEADING 036.08 AND BAM VORTAC R-036 OUTBOUND TO 8200 BEFORE PROCEEDING ON COURSE.  
RWY 13: CLIMBING RIGHT TURN HEADING 240 AND BAM VORTAC R-210 OUTBOUND TO 10000 BEFORE PROCEEDING ON COURSE.  
RWY 22: CLIMB DIRECT BAM VORTAC AND PROCEED ON BAM R-210 OUTBOUND TO 10100 BEFORE PROCEEDING ON COURSE.  
RWY 31: CLIMB ON HEADING 306.10 AND BAM BORTAC R-329 OUTBOUND TO 9100 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

RWY 4, 13: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BATTLE MOUNTAIN AIRPORT AT OR ABOVE 9200 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 4, TREES BEGINNING 129 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
TREES BEGINNING 153 FT FROM DER, 55 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
NOTE: RWY 13, VEHICLE ON ROAD 15 FT FROM DER, 171 FT RIGHT OF CENTERLINE, 4558 FT MSL.  
SIGN 19 FT FROM DER, 250 FT LEFT OF CENTERLINE, 4 FT AGL/4537 FT MSL.  
TREE, VEHICLE ON ROAD BEGINNING 42 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/4566 FT MSL.  
TREES BEGINNING 116 FT FROM DER, 151 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4566 FT MSL.  
TREES BEGINNING 120 FT FROM DER, 47 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
TREES BEGINNING 497 FT FROM DER, 127 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
TREES BEGINNING 731 FT FROM DER, 71 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/4573 FT MSL.  
TREES BEGINNING 956 FT FROM DER, 79 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4573 FT MSL.  
TREE 1493 FT FROM DER, 667 FT RIGHT OF CENTERLINE, 45 FT AGL/4576 FT MSL.  
NOTE: RWY 22, TREE, NAVAID, WIND INDICATOR BEGINNING 101 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
TREES BEGINNING 125 FT FROM DER, 133 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4570 FT MSL.  
TREES BEGINNING 499 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4573 FT MSL.  
TREES BEGINNING 1270 FT FROM DER, 215 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4576 FT MSL.  
NOTE: RWY 31, VEGETATION 33 FT FROM DER, 487 FT LEFT OF CENTERLINE, 4540 FT MSL.  
TREES BEGINNING 50 FT FROM DER, 80 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/4573 FT MSL.  
TREES BEGINNING 124 FT FROM DER, 46 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/4573 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 4, 13, 22, 31: OBSTACLE MANDATING ODP ROUTE DEVELOPMENT 9816 FT MSL AAO 402415.00N/1165142.00W  
RWY 4: 5748 FT MSL AAO 403845.00NN/1164527.00W  
RWY 13: 5762 FT MSL AAO 402903.21N/1165057.91W  
RWY 4, 13: OBSTACLE OUTSIDE VISUAL CLIMB AREA MANDATING VCOA CLIMB TO ALTITUDE: 9830 FT MSL AAO 402412.00N/1165200.00W. VISUAL CLIMB AREA OBSTACLE: 5053 FT MSL AAO 403615.00N/1165830.00W.

**REMARKS:**

**FLIGHT INSPECTED BY**

PENDING

*Digitally signed by*  
**DONALD H LANIER**  
Jan 21, 2020

**OFFICE**

FICO

**DATE**

**DEVELOPED BY**

CHRISTOPHER A STEWART

*Digitally signed by*  
**DONALD H LANIER**  
Jan 21, 2020

**OFFICE**

AJV-A431

**DATE**

09/17/2019

**APPROVED BY**

GEORGE E DAVIS

*Digitally signed by*  
**DONALD H LANIER**  
Jan 21, 2020

**OFFICE**

AJV-A430

**DATE**

**TITLE**

**REQUIRED EFFECTIVE DATE:**

03/26/2020

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:**AMGR, ZLC, RNO FSS

**CHANGES - REASONS:**

1. UPDATED BAM RADIALS FOR RWY13 & 22 FROM R-205 TO R-210 AND RWY 31 FROM R-324 TO R-329 - BATTLE MOUNTAIN VORTAC MAGVAR

QUALITY  
3  
CHECKED

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BATTLE MOUNTAIN	KBAM	BATTLE MOUNTAIN	NV	5	03/26/2020

CHANGED FROM E18/1965 TO E13/2020.  
2. ADDED RADIAL R-036 TO RWY 4 TEXTUAL DEPARTURE PROCEDURE - TO PROVIDE POSITIVE COURSE GUIDANCE.

1/21/2020: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/17/2019.  
CHANGED FORMS TO REFLECT HARD DATE 03/26/2020.

