

**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
STEAMBOAT SPRINGS, CO	STEAMBOAT SPRINGS/BOB ADAMS FIELD	30 JANUARY 2020	2

TAKEOFF MINIMUMS:

RWY 14: STANDARD WITH MINIMUM CLIMB OF 657 FT PER NM TO 8900 OR 3700-3 FOR VCOA.
RWY 32: STANDARD WITH MINIMUM CLIMB OF 519 FT PER NM TO 9600 OR 3700-3 FOR VCOA.

TEXTUAL DEPARTURE PROCEDURES:

RWY 14: CLIMBING RIGHT TURN TO 14000 ON HEADING 220.00, THENCE ...
RWY 32: CLIMB ON HEADING 322.88 TO 7500, THEN CLIMBING LEFT TURN TO 14000 DIRECT BQZ VOR/DME, THENCE ...
...ON BQZ R-172 TO SBURG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14000 (HOLD S RIGHT TURNS, 351.98 INBOUND).

VISUAL CLIMB OVER AIRPORT:

ALL RUNWAYS: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BQZ VOR/DME AT OR ABOVE 10400, CONTINUE CLIMB TO 14000 ON BQZ R-172 TO SBURG INT/BQZ 11.35 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14000 (HOLD S RIGHT TURNS, 351.98 INBOUND).

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14: TREE 171 FT FROM DER, 144 FT LEFT OF CENTERLINE, 6887 FT MSL.
NOTE: RWY 32: TREE 1.6 NM FROM DER, 3107 FT RIGHT OF CENTERLINE, 100 FT AGL/7169 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 2988 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/7219 FT MSL.

CONTROLLING OBSTACLES:

RWY 14: 8353 FT MSL TOWER 402742.90N/1065059.10W.
RWY 32: 8944 FT MSL AAO 403409.46N/1065802.14W.

VCOA: RWY 14, 32: 9833 FT MSL AAO 403354.00N/1064724.00W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:
RWY 14, 32: 10588 FT MSL AAO 403045.00N/1064412.00W.

REMARKS:

APPROVAL LETTER ON FILE FOR RWY 14 AND RWY 32 CLIMB GRADIENTS.
VCA 10400 CROSSING ALTITUDE ACCOUNTS FOR 250 FT GENERAL PRECIPITOUS TERRAIN ADJUSTMENT.
30 FT MAXIMUM VEGETATION HEIGHT, PER FPT.

FLIGHT INSPECTED BY:

Jordan Rolih
Digitally signed by
MARK D ADAMS
Oct 21, 2019

OFFICE SYMBOL:

DATE:
7/17/2019

DEVELOPED BY:

DAVID DOWLING
Digitally signed by
DAVID A DOWLING
Oct 08, 2019

OFFICE SYMBOL:
AJV-A422

DATE:
02/26/2019

APPROVED BY:

JULIE MORGAN
Digitally signed by
MARK D ADAMS
Oct 18, 2019

OFFICE SYMBOL:
AJV-A42

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

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

OTHER:

CHANGES - REASONS:

1. ADDED RWY 14 AND RWY 32 VCOA - 8260.46G, TABLE 2-1-1 CRITERIA.
2. ADDED OBSTACLE MANDATING ODP ROUTE DEVELOPMENT AND VCOA CONTROLLING OBSTACLE. - 8260.46G DIVERSE DEPARTURE CRITERIA

QUALITY
7
CHECKED

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3. UPDATED CONTROLLING OBSTACLES HEIGHT OR LAT/LONG DATA - AAO APPLIED AND REFINED MAP STUDY.
4. CHANGED RWY 14 TAKEOFF MINIMUMS FROM 1500-3 OR STANDARD WITH MINIMUM CLIMB OF 610 FT PER NM TO 9000 TO STANDARD WITH MINIMUM CLIMB OF 657 FT PER NM TO 8900 OR 3700-3 FOR VCOA - UPDATED EVALUATION FOR 2018-ANM-3481-OE.
5. CHANGED RWY 32 TAKEOFF MINIMUMS FROM 1900-3 OR STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 9000 TO STANDARD WITH MINIMUM CLIMB OF 519 FT PER NM TO 9600 OR 3700-3 FOR VCOA - UPDATED EVALUATION FOR 2018-ANM-3481-OE.
6. ADDED VEGETATION HEIGHT REMARK - PREVIOUSLY UNDOCUMENTED EVALUATION VALUE.
7. CHANGED RWYS 14 AND 32 DEPARTURE PROCEDURE FROM "TAKE-OFF RWY 14, TURN RIGHT HEADING 220, INTERCEPT BZQ VOR/DME R-172; TAKE-OFF RWY 32, TURN LEFT DIRECT BZQ VOR/DME; ALL AIRCRAFT CLIMB TO 12100 VIA BZQ R-172 TO SBURG INT AND HOLD SOUTH, RT, 352 INBOUND," TO "RWY 14: CLIMBING RIGHT TURN TO 14000 ON HEADING 220.00, THENCE...
RWY 32: CLIMB ON HEADING 322.88 TO 7500, THEN CLIMBING LEFT TURN TO 14000 DIRECT BQZ VOR/DME, THENCE... -CHANGES DUE TO OBSTACLES AND TO SIMPLIFY INSTRUCTIONS.
...ON BQZ R-172 TO SBURG AND HOLD, CONTINUE CLIMB-IN-HOLD TO 14000 (HOLD S RIGHT TURNS, 351.98 INBOUND). "
8. UPDATED AND REFORMATTED TAKEOFF OBSTACLE NOTES, PER 8260.46G DIVERSE DEPARTURE CRITERIA.
9. ADDED REMARK FOR VCA 10400 CROSSING ALTITUDE - DUE TO PRECIPITOUS TERRAIN ADJUSTMENT.
10. ADDED REMARK FOR APPROVAL LETTER ON FILE - ADMINISTRATIVE.

10/08/19: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 02/26/2019.

1. TEXTUAL DEPARTURE PROCEDURE: CHANGED RWY 32 FROM "CLIMB TO 7500, THEN..." TO "CLIMB ON HEADING 322.88 TO 7500, THEN..."
2. CHANGES/REASONS: STANDARDIZED REFERENCES TO THE DEPARTURE PROCEDURE (DP) PROGRAM TO 8260.46G BY REMOVING REFERENCES TO 8260.46F.

