

**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**  
BETHEL, ME

**AIRPORT**  
BETHEL RGNL

**EFFECTIVE DATE**  
20 JUNE 2019

**AMDT NO**  
ORIG

**TAKEOFF MINIMUMS:**

RWY 14, STANDARD WITH MINIMUM CLIMB OF 405 FT PER NM TO 3700 OR 3400-3 FOR CLIMB IN VISUAL CONDITIONS.  
RWY 32, 3400-3 FOR CLIMB IN VISUAL CONDITIONS.

**TEXTUAL DEPARTURE PROCEDURES:**

RWY 14: CLIMB HEADING 143.23 TO 3000 BEFORE PROCEEDING ON COURSE.

**VISUAL CLIMB OVER AIRPORT:**

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS BETHEL RGNL AIRPORT AT OR ABOVE 3900 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

NOTE: RWY 14: TREES BEGINNING 1 FT FROM DER, 264 FT LEFT OF CENTERLINE, UP TO 676 FT MSL. BUILDING 23 FT FROM DER, 367 FT RIGHT OF CENTERLINE, 26 FT AGL/671 FT MSL. TRANSMISSION LINE AND POLE BEGINNING 180 FT FROM DER, 513 FT RIGHT OF CENTERLINE, UP TO 48 FT AGL/690 FT MSL. TREES BEGINNING 202 FT FROM DER, 283 FT LEFT OF CENTERLINE, UP TO 731 FT MSL. TREE 292 FT FROM DER, 527 FT RIGHT OF CENTERLINE, 766 FT MSL. TREES BEGINNING 419 FT FROM DER, 18 FT RIGHT OF CENTERLINE, UP TO 769 FT MSL. TREE 556 FT FROM DER, 538 FT LEFT OF CENTERLINE, 733 FT MSL. TREES BEGINNING 717 FT FROM DER, 252 FT LEFT OF CENTERLINE, UP TO 736 FT MSL. TREE 1194 FT FROM DER, 729 FT LEFT OF CENTERLINE, 743 FT MSL. TREE 1273 FT FROM DER, 519 FT LEFT OF CENTERLINE, 744 FT MSL. TREES AND BUILDING BEGINNING 1322 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 765 FT MSL. TREE 1.2 NM FROM DER, 2402 FT RIGHT OF CENTERLINE, 860 FT MSL. TREE 1.3 NM FROM DER, 2738 FT RIGHT OF CENTERLINE, 869 FT MSL. TREE 1.4 NM FROM DER, 2309 FT RIGHT OF CENTERLINE, 871 FT MSL. TREE 1.4 NM FROM DER, 2421 FT RIGHT OF CENTERLINE, 877 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 2440 FT RIGHT OF CENTERLINE, UP TO 882 FT MSL. TREE 1.4 NM FROM DER, 2657 FT RIGHT OF CENTERLINE, 885 FT MSL. TREE 1.4 NM FROM DER, 2497 FT RIGHT OF CENTERLINE, 887 FT MSL. TREE 1.5 NM FROM DER, 2635 FT RIGHT OF CENTERLINE, 891 FT MSL. TREE 1.5 NM FROM DER, 2714 FT RIGHT OF CENTERLINE, 894 FT MSL. TREE 1.6 NM FROM DER, 2969 FT RIGHT OF CENTERLINE, 909 FT MSL. TREE 1.7 NM FROM DER, 3141 FT RIGHT OF CENTERLINE, 926 FT MSL. TREES BEGINNING 1.7 NM FROM DER, 3098 FT RIGHT OF CENTERLINE, UP TO 942 FT MSL. TREE 1.8 NM FROM DER, 3343 FT RIGHT OF CENTERLINE, 948 FT MSL. TREES BEGINNING 1.8 NM FROM DER, 3392 FT RIGHT OF CENTERLINE, UP TO 956 FT MSL. TREE 1.9 NM FROM DER, 3580 FT RIGHT OF CENTERLINE, 962 FT MSL. TREE 1.9 NM FROM DER, 3667 FT RIGHT OF CENTERLINE, 985 FT MSL.

NOTE: RWY 32: TREE 75 FT FROM DER, 311 FT LEFT OF CENTERLINE, 746 FT MSL. TREES BEGINNING 90 FT FROM DER, 10 FT LEFT OF CENTERLINE, UP TO 769 FT MSL. TREES BEGINNING 464 FT FROM DER, 463 FT RIGHT OF CENTERLINE, UP TO 725 FT MSL. TREE 783 FT FROM DER, 565 FT RIGHT OF CENTERLINE, 730 FT MSL. TREES BEGINNING 935 FT FROM DER, 235 FT RIGHT OF CENTERLINE, UP TO 734 FT MSL. TREES BEGINNING 1145 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 736 FT MSL. TREES BEGINNING 1252 FT FROM DER, 328 FT RIGHT OF CENTERLINE, UP TO 737 FT MSL. TREES BEGINNING 1454 FT FROM DER, 110 FT RIGHT OF CENTERLINE, UP TO 739 FT MSL. TREES BEGINNING 1501 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 750 FT MSL. TREES BEGINNING 1605 FT FROM DER, 61 FT RIGHT OF CENTERLINE, UP TO 756 FT MSL. TREES BEGINNING 1834 FT FROM DER, 31 FT RIGHT OF CENTERLINE, UP TO 759 FT MSL. TREES BEGINNING 3615 FT FROM DER, 328 FT LEFT OF CENTERLINE, UP TO 800 FT MSL. TREES BEGINNING 3945 FT FROM DER, 96 FT LEFT OF CENTERLINE, UP TO 805 FT MSL. TREES BEGINNING 4062 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 784 FT MSL. TREE 4191 FT FROM DER, 166 FT RIGHT OF CENTERLINE, 787 FT MSL. TREES BEGINNING 4225 FT FROM DER, 115 FT LEFT OF CENTERLINE, UP TO 837 FT MSL. TREE 4236 FT FROM DER, 1621 FT RIGHT OF CENTERLINE, 791 FT MSL. TREES BEGINNING 4351 FT FROM DER, 20 FT RIGHT OF CENTERLINE, UP TO 807 FT MSL. TREE 4466 FT FROM DER, 232 FT RIGHT OF CENTERLINE, 813 FT MSL. TREE 4471 FT FROM DER, 472 FT RIGHT OF CENTERLINE, 821 FT MSL. TREE 4673 FT FROM DER, 480 FT LEFT OF CENTERLINE, 848 FT MSL. TREES BEGINNING 4677 FT FROM DER, 121 FT LEFT OF CENTERLINE, UP TO 868 FT MSL. TREES BEGINNING 4721 FT FROM DER, 78 FT RIGHT OF CENTERLINE, UP TO 829 FT MSL. TREE 5059 FT FROM DER, 654 FT LEFT OF CENTERLINE, 891 FT MSL. TREES BEGINNING 5069 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 848 FT MSL. TREES BEGINNING 5121 FT FROM DER, 391 FT LEFT OF CENTERLINE, UP TO 895 FT MSL. TREES BEGINNING 5153 FT FROM DER, 271 FT RIGHT OF CENTERLINE, UP TO 870 FT MSL. TREES BEGINNING 5389 FT FROM DER, 60 FT RIGHT OF CENTERLINE, UP TO 907 FT MSL. TREES BEGINNING 5411 FT FROM DER, 217 FT LEFT OF CENTERLINE, UP TO 924 FT MSL. TREES BEGINNING 5456 FT FROM DER, 533 FT LEFT OF CENTERLINE, UP TO 937 FT MSL. TREES BEGINNING 5651 FT FROM DER, 197 FT LEFT OF CENTERLINE, UP TO 938 FT MSL. TREES BEGINNING 5722 FT FROM DER, 350 FT LEFT OF CENTERLINE, UP TO 941 FT MSL. TREE 5756 FT FROM DER, 295 FT RIGHT OF CENTERLINE, 908 FT MSL. TREE 5823 FT FROM DER, 1929 FT RIGHT OF CENTERLINE, 909 FT MSL. TREES BEGINNING 5857 FT FROM DER, 150 FT RIGHT OF CENTERLINE, UP TO 938 FT MSL. TREE 5908 FT FROM DER, 278 FT LEFT OF CENTERLINE, 967 FT MSL. TREES BEGINNING 5962 FT FROM DER, 31 FT LEFT OF CENTERLINE, UP TO 981 FT MSL. TREE 5999 FT FROM DER, 10 FT RIGHT OF CENTERLINE, 951 FT MSL. TREE 1 NM FROM DER, 372 FT LEFT OF CENTERLINE, 1004 FT MSL. TREE 1 NM FROM DER, 786 FT LEFT OF CENTERLINE, 1010 FT MSL. TREES BEGINNING 1 NM FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 1021 FT MSL. TREES BEGINNING 1 NM FROM DER, 825 FT RIGHT OF CENTERLINE, UP TO 984 FT MSL. TREE 1.1 NM FROM DER, 1254 FT RIGHT OF CENTERLINE, 988 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 390 FT LEFT OF CENTERLINE, UP TO 1073 FT MSL. TREE 1.1 NM FROM DER, 252 FT RIGHT OF CENTERLINE, 1023 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 784 FT RIGHT OF CENTERLINE, UP TO 1045 FT MSL. TREE 1.1 NM FROM DER, 1718 FT RIGHT OF CENTERLINE, 1047 FT MSL. TREES BEGINNING 1.1 NM FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 1131 FT MSL. TREE 1.2 NM FROM DER, 1400 FT RIGHT OF CENTERLINE, 1133 FT MSL. TREES BEGINNING 1.2 NM FROM DER, 160 FT RIGHT OF CENTERLINE, UP TO 1179 FT MSL. TREE 1.2 NM FROM DER, 2150 FT RIGHT OF CENTERLINE, 1213 FT MSL. TREE 1.2 NM FROM DER, 2584 FT RIGHT OF CENTERLINE, 1238 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 281 FT LEFT OF CENTERLINE, UP TO 1136 FT MSL. TREE 1.3 NM FROM DER, 1633 FT RIGHT OF CENTERLINE, 1322 FT MSL. TREE 1.3 NM FROM DER, 1010 FT RIGHT OF CENTERLINE, 1374 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 468 FT RIGHT OF CENTERLINE, UP TO 1505 FT MSL. TREE 1.3 NM FROM DER, 821 FT LEFT OF CENTERLINE, 1165 FT MSL. TREES BEGINNING 1.3 NM FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 1263 FT MSL. TREE 1.4 NM FROM DER, 2307 FT RIGHT OF CENTERLINE, 1782 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 320 FT RIGHT OF CENTERLINE, UP TO 1788 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 1344 FT MSL. TREES BEGINNING 1.4 NM FROM DER, 820 FT RIGHT OF CENTERLINE, UP TO 1791 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 182 FT RIGHT OF CENTERLINE, UP TO 1840 FT MSL. TREES BEGINNING 2 NM FROM DER, 886 FT LEFT OF CENTERLINE, UP TO 1432 FT MSL. TREES



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BETHEL, ME	BETHEL RGNL	20 JUNE 2019	ORIG

BEGINNING 2.1 NM FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 1618 FT MSL. TREES AND VEHICLES ON ROAD BEGINNING 2.1 NM FROM DER, 999 FT LEFT OF CENTERLINE, UP TO 1637 FT MSL. TREES BEGINNING 2.2 NM FROM DER, 188 FT RIGHT OF CENTERLINE, UP TO 1914 FT MSL. TREES BEGINNING 2.2 NM FROM DER, 420 FT LEFT OF CENTERLINE, UP TO 1902 FT MSL. TREES BEGINNING 2.3 NM FROM DER, 35 FT LEFT OF CENTERLINE, UP TO 1937 FT MSL. TREES BEGINNING 2.3 NM FROM DER, 588 FT RIGHT OF CENTERLINE, UP TO 2106 FT MSL. TREES BEGINNING 2.4 NM FROM DER, 1510 FT RIGHT OF CENTERLINE, UP TO 2248 FT MSL. TREES BEGINNING 2.4 NM FROM DER, 880 FT RIGHT OF CENTERLINE, UP TO 2269 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 1659 FT RIGHT OF CENTERLINE, UP TO 2373 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 2081 FT RIGHT OF CENTERLINE, UP TO 2397 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 462 FT RIGHT OF CENTERLINE, UP TO 2431 FT MSL. TREES BEGINNING 2.5 NM FROM DER, 782 FT RIGHT OF CENTERLINE, UP TO 2488 FT MSL.

**CONTROLLING OBSTACLES:**

RWY 14: 2180 FT MSL AAO 442210.63N/0704247.80W (CLIMB GRADIENT), 6447 FT MSL AAO 441612.00N/0711812.00W (CLIMB-TO ALTITUDE)

ALL RWYS (VCOA): 6447 FT MSL AAO 441612.00N/0711812.00W (CLIMB-TO ALTITUDE), 2667 FT MSL POLE 442726.28N/0705157.75W (VCA)

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14: 2667 FT MSL POLE 442726.28N/0705157.75W

**REMARKS:**

RWY 32 IS VCOA ONLY DUE TO THE EXCESSIVE CLIMB GRADIENT REQUIRED EVEN WITH A ROUTE FOR THE PROCEDURE, THE PROCEDURE WOULD REQUIRE 1900-3 WITH MINIMUM CLIMB GRADIENT OF 950 FT PER NM TO 4500 OR STANDARD WITH MINIMUM CLIMB OF 1010 FT PER NM TO 4500 DUE TO SUVERIED OBSTACLES AND TERRAIN EVEN WITH A ROUTE.

RWY 14 TEXTUAL DEPARTURE ONLY REQUIRES CLIMB TO 2600 TO CLEAR OBSTACLES, FLIGHT INSPECTION REQUESTED CLIMB TO 3000 TO ACCOUNT FOR THE POSSIBILITY OF TURBULENCE FROM MOUNTAINS IN THE AREA.

**FLIGHT INSPECTED BY:**

ROBERT STEPHEN PRESSLER

*Digitally signed by*

**WARDELL HENNING**

**OFFICE SYMBOL:**

FICO

**DATE:**

11/30/2018

Dec 12, 2018

*Digitally signed by*

**WARDELL HENNING**

**OFFICE SYMBOL:**

AJV-5432

**DATE:**

09/13/2018

Dec 12, 2018

**APPROVED BY:**

PATRICK MULQUEEN

*Digitally signed by*

**WARDELL HENNING**

**OFFICE SYMBOL:**

AJV-5430

**DATE:**

Dec 12, 2018

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:**

**A4A**      **ALPA**      **AOPA**      **APA**      **HAI**      **NBAA**



**OTHER:**

EASTERN FPT, PWM APP CON, APT MGR, ZBW

**CHANGES - REASONS:**

ORIGINAL PROCEDURE.

12/07/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 09/13/18.

1. CHANGED TEXTUAL DEPARTURE PROCEDURES INSTRUCTIONS FROM "RWY 14: CLIMB HEADING 143.23 TO 2600 BEFORE PROCEEDING ON COURSE" TO "RWY 14: CLIMB HEADING 143.23 TO 3000 BEFORE PROCEEDING ON COURSE".

2. ADDED REMARK, RWY 14 TEXTUAL DEPARTURE ONLY REQUIRES CLIMB TO 2600 TO CLEAR OBSTACLES, FLIGHT INSPECTION REQUESTED CLIMB TO 3000 TO ACCOUNT FOR THE POSSIBILITY OF TURBULENCE FROM MOUNTAINS IN THE AREA.

