

**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
CARRABASSETT, ME

AIRPORT
SUGARLOAF RGNL

EFFECTIVE DATE **AMDT NO**
12 OCTOBER 2017 ORIG

TAKEOFF MINIMUMS:

RWY 17, 1200 - 3 WITH MINIMUM CLIMB OF 530 FT PER NM TO 4700 OR 3800 - 3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 35, 3800 - 3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: CLIMB HEADING 173.46 TO 4700 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS SUGARLOAF RGNL AIRPORT AT OR ABOVE 4500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES AND TERRAIN BEGINNING 30 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/970 FT MSL. TREES AND TERRAIN BEGINNING 468 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/980 FT MSL. TREES AND TERRAIN BEGINNING 2171 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1039 FT MSL. TREES AND TERRAIN BEGINNING 4012 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1291 FT MSL. TREES AND TERRAIN BEGINNING 1 NM FROM DER 456 FT LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1593 FT MSL. TREES AND TERRAIN BEGINNING 1.6 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1861 FT MSL. TREES AND TERRAIN BEGINNING 2.75 NM FROM DER, 2831 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/2020 FT MSL. TREES AND TERRAIN BEGINNING 3 NM FROM DER, 1192 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1900 FT MSL.

NOTE: RWY 35, TREES AND TERRAIN BEGINNING 38 FT FROM DER, LEFT AND RIGHT OF COURSE, UP TO 100 FT AGL/890 FT MSL. TREES AND TERRAIN BEGINNING 495 FT FROM DER, 388 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/909 FT MSL. TREES AND TERRAIN BEGINNING 1128 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1086 FT MSL. TREES AND TERRAIN BEGINNING 4065 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1126 FT MSL. TREES AND TERRAIN BEGINNING 4435 FT FROM DER, 44 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1319 FT MSL. TREES AND TERRAIN BEGINNING 1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1355 FT MSL. TREES AND TERRAIN BEGINNING 1.1 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1392 FT MSL. TREES AND TERRAIN BEGINNING 1.2 NM FROM DER, 199 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1398 FT MSL. TREES AND TERRAIN BEGINNING 1.3 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1447 FT MSL. TREES AND TERRAIN BEGINNING 1.4 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1474 FT MSL. TREES AND TERRAIN BEGINNING 1.5 NM FROM DER, 233 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1477 FT MSL.

CONTROLLING OBSTACLES:

RWY 17: 1900 FT MSL AAO 450246.54N/0701042.51W (CG), 4430 FT MSL AAO 450154.00N/0701851.00W (CTA), 2020 FT MSL AAO 450314.10N/0701037.24W (CEILING), 1900 FT MSL AAO 450247.34N/0701043.03W (VISIBILITY).
OBSTACLE MANDATING ODP ROUTE DEPARTURE: RWY 17: 2140 AAO 450314.58N/0700938.07W, 4430 FT MSL AAO 450154.00N/0701851.00W. (VCOA): 4430 FT MSL AAO 450154.00N/0701851.00W (VCOA DIVERSE AREA), 3430 FT MSL AAO 450222.67N/0701616.73W (VCA).

REMARKS:

DEPARTURE FROM RWY 35 EVALUATED AND DETERMINED THE EXCESSIVE CLIMB GRADIENT (1206 FT/NM) WOULD NOT BE PUBLISHED FOR SAFETY REASONS. RWY 17 APPROVAL LETTER SOUGHT FOR 1900 AAO ON EXTENDED FINAL AND THE USE OF A CLIMB GRADIENT OF 530 TO MITIGATE THE OBSTACLE. RNAV (GPS)-A PROCEDURE EVALUATED WITH 100 FT PRECIPITOUS ADJUSTMENT; ADJUSTMENT ENTERED INTO TARGETS WITH NO ADVERSE EFFECT ON THE VCOA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.



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CARRABASSETT, ME	SUGARLOAF RGNL	12 OCTOBER 2017	ORIG

<u>FLIGHT INSPECTED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
BOB S. PRESSLER	DAVID TEFFETELLER	FICO	07/25/2017
	Jul 28, 2017		
<u>DEVELOPED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
SCOTT BAGENSIE	SCOTT BAGENSIE	AJV-5433	04/21/2017
	Jul 05, 2017		
<u>APPROVED BY:</u>	<i>Digitally signed by</i>	<u>OFFICE SYMBOL:</u>	<u>DATE:</u>
PATRICK J. MULQUEEN	DAVID TEFFETELLER	AJV-5430	
	Jul 28, 2017		

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"/>

OTHER:
ZBW, BGR APP/CON, AMGR.

CHANGES - REASONS:

QUALITY
50
CHECKED