

**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 ID</u>	<u>CITY</u>	<u>STATE</u>	<u>AMDT NO</u>	<u>ACTUAL EFFECTIVE DATE</u>
KGON	GROTON (NEW LONDON)	CT	8A	7 SEPTEMBER 2023

TAKEOFF MINIMUMS:

RWY 23: STANDARD.

RWY 5: 300-2 OR STANDARD WITH MINIMUM CLIMB OF 267 FT/NM TO 400.

RWY 15: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 430 FT/NM TO 300.

RWY 33: 300-1 3/8 OR STANDARD WITH MINIMUM CLIMB OF 390 FT/NM TO 300.

TEXTUAL DEPARTURE PROCEDURES:

RWY 33: CLIMB ON GON VOR/DME R-335 TO 2000 BEFORE TURNING LEFT.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5: UTILITY BUILDING 73 FT FROM DER, 150 FT LEFT OF CENTERLINE, 3 FT AGL/9 FT MSL.
FENCES BEGINNING 186 FT FROM DER, 480 FT LEFT OF CENTERLINE, UP TO 7 FT AGL/18 FT MSL.
POLES, VEHICLES ON ROAD BEGINNING 205 FT FROM DER, 467 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/39 FT MSL.
TREE, POLES, NAVAID BEGINNING 415 FT FROM DER, 261 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/50 FT MSL.
TREE 652 FT FROM DER, 491 FT LEFT OF CENTERLINE, 55 FT MSL.
TREES, POLES, TOWER BEGINNING 828 FT FROM DER, 122 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/91 FT MSL.
TREES BEGINNING 1322 FT FROM DER, 645 FT RIGHT OF CENTERLINE, UP TO 85 FT MSL.
TREE, BUILDINGS BEGINNING 1509 FT FROM DER, 315 FT RIGHT OF CENTERLINE, UP TO 86 FT MSL.
TREES BEGINNING 2867 FT FROM DER, 1025 FT RIGHT OF CENTERLINE, UP TO 94 FT MSL.
TREE 3240 FT FROM DER, 1032 FT LEFT OF CENTERLINE, 98 FT MSL.

NOTE: RWY 15: TREES BEGINNING 1702 FT FROM DER, 208 FT LEFT OF CENTERLINE, UP TO 55 FT MSL.
TREE 1897 FT FROM DER, 831 FT LEFT OF CENTERLINE, 75 FT MSL.
TREE 2132 FT FROM DER, 856 FT LEFT OF CENTERLINE, 78 FT MSL.
TREES BEGINNING 2275 FT FROM DER, 596 FT LEFT OF CENTERLINE, UP TO 102 FT MSL.
TREES BEGINNING 2535 FT FROM DER, 508 FT LEFT OF CENTERLINE, UP TO 105 FT MSL.
TREES BEGINNING 2685 FT FROM DER, 666 FT LEFT OF CENTERLINE, UP TO 147 FT MSL.
TREES BEGINNING 2785 FT FROM DER, 70 FT LEFT OF CENTERLINE, UP TO 154 FT MSL.
TREES BEGINNING 2879 FT FROM DER, 43 FT LEFT OF CENTERLINE, UP TO 156 FT MSL.
TREE 3376 FT FROM DER, 144 FT RIGHT OF CENTERLINE, 100 FT MSL.
TREES BEGINNING 3613 FT FROM DER, 103 FT RIGHT OF CENTERLINE, UP TO 117 FT MSL.
TREE 3876 FT FROM DER, 242 FT RIGHT OF CENTERLINE, 123 FT MSL.
TREES BEGINNING 3956 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 146 FT MSL.

NOTE: RWY 23: VEGETATION 569 FT FROM DER, 490 FT RIGHT OF CENTERLINE, 12 FT AGL/21 FT MSL.
TREE 2769 FT FROM DER, 698 FT LEFT OF CENTERLINE, 76 FT MSL.
TREES BEGINNING 4894 FT FROM DER, 1717 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/139 FT MSL.
TREE 5076 FT FROM DER, 1810 FT RIGHT OF CENTERLINE, 100 FT AGL/149 FT MSL.

NOTE: RWY 33: TREES, POLE, VEHICLE ON ROAD BEGINNING 160 FT FROM DER, 80 FT LEFT OF CENTERLINE, UP TO 36 FT AGL/42 FT MSL.
POLE, TREES BEGINNING 196 FT FROM DER, 88 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/30 FT MSL.
TREES BEGINNING 244 FT FROM DER, 143 FT RIGHT OF CENTERLINE, UP TO 38 FT MSL.
TREES BEGINNING 327 FT FROM DER, 220 FT RIGHT OF CENTERLINE, UP TO 66 FT MSL.
TREE 421 FT FROM DER, 516 FT LEFT OF CENTERLINE, 43 FT MSL.
TREES, POLES BEGINNING 424 FT FROM DER, 43 FT RIGHT OF CENTERLINE, UP TO 67 FT MSL.
TREES BEGINNING 438 FT FROM DER, 172 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/48 FT MSL.
TREES BEGINNING 509 FT FROM DER, 387 FT LEFT OF CENTERLINE, UP TO 50 FT MSL.
TREES BEGINNING 540 FT FROM DER, 18 FT LEFT OF CENTERLINE, UP TO 51 FT MSL.
TREES BEGINNING 597 FT FROM DER, 145 FT LEFT OF CENTERLINE, UP TO 52 FT MSL.
TREES BEGINNING 672 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/59 FT MSL.
TREES BEGINNING 779 FT FROM DER, 102 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/61 FT MSL.
TREES BEGINNING 1026 FT FROM DER, 103 FT LEFT OF CENTERLINE, UP TO 71 FT MSL.
TREES BEGINNING 1041 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 77 FT MSL.
TREES BEGINNING 1122 FT FROM DER, 16 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/73 FT MSL.
TREES BEGINNING 1406 FT FROM DER, 22 FT LEFT OF CENTERLINE, UP TO 83 FT MSL.
TREES BEGINNING 1486 FT FROM DER, 130 FT LEFT OF CENTERLINE, UP TO 87 FT MSL.
TREES BEGINNING 1507 FT FROM DER, 23 FT LEFT OF CENTERLINE, UP TO 94 FT MSL.
TREES BEGINNING 1711 FT FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 84 FT MSL.

QUALITY
20
CHECKED

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TREES BEGINNING 1828 FT FROM DER, 278 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/86 FT MSL.
TREES BEGINNING 1854 FT FROM DER, 7 FT RIGHT OF CENTERLINE, UP TO 96 FT MSL.
TREES BEGINNING 2207 FT FROM DER, 45 FT RIGHT OF CENTERLINE, UP TO 104 FT MSL.
TREES BEGINNING 2287 FT FROM DER, 590 FT LEFT OF CENTERLINE, UP TO 96 FT MSL.
TREES BEGINNING 2527 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 119 FT MSL.
TREES BEGINNING 2836 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 138 FT MSL.
TREES BEGINNING 3041 FT FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 143 FT MSL.
TREES BEGINNING 3412 FT FROM DER, 255 FT LEFT OF CENTERLINE, UP TO 144 FT MSL.
TREES BEGINNING 3682 FT FROM DER, 82 FT LEFT OF CENTERLINE, UP TO 145 FT MSL.
TREES, POLES BEGINNING 3884 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 160 FT MSL.
TREE 4658 FT FROM DER, 1663 FT RIGHT OF CENTERLINE, 138 FT MSL.
TREES BEGINNING 4697 FT FROM DER, 223 FT RIGHT OF CENTERLINE, UP TO 139 FT MSL.
TREES BEGINNING 4798 FT FROM DER, 148 FT RIGHT OF CENTERLINE, UP TO 144 FT MSL.
TREES BEGINNING 4855 FT FROM DER, 42 FT RIGHT OF CENTERLINE, UP TO 156 FT MSL.
TREES BEGINNING 5134 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 160 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 275 FT MSL TREE 412102.90N/0720048.78W (CLIMB GRADIENT), 286 FT MSL TREE 412106.08N/0720045.13W (CLIMB-TO ALTITUDE) (CEILING), 248 FT MSL TREE 412112.17N/0720033.92W (VISIBILITY).
RWY 15: 162 FT MSL TREE 411916.12N/0720159.46W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE) (CEILING), 162 FT MSL TREE 411911.21N/0720154.78W (VISIBILITY).
RWY 33: 187 FT MSL TREE 412014.72N/0720358.02W (CLIMB GRADIENT) (CLIMB-TO ALTITUDE), 225 FT MSL TANK 412028.70N/0720407.40W (CEILING), 213 FT MSL TREE 412056.58N/0720407.42W (VISIBILITY).
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 33: 1399 FT MSL TOWER 412503.00N/0721153.28W.

REMARKS:

<u>FLIGHT INSPECTED BY</u> BOB S PRESSLER	<i>Digitally signed by</i> ALLAN WILL Jul 06, 2023	<u>OFFICE</u> FPO	<u>DATE</u> 06/29/2023	
<u>DEVELOPED BY</u> WILLIAM D. MELTON	<i>Digitally signed by</i> WILLIAM D MELTON Jun 12, 2023	<u>OFFICE</u> AJV-A423	<u>DATE</u> 06/09/2023	
<u>APPROVED BY</u> MARLON J. ROBINSON	<i>Digitally signed by</i> ALLAN WILL Jul 06, 2023	<u>OFFICE</u> AJV-A420	<u>DATE</u> 10/05/2023	<u>TITLE</u> MANAGER

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒

OTHER:

ZBW, GON ATCT, PVO APP CON, APT MGR

CHANGES - REASONS:

1. CHANGED RWY 5 TAKE OFF MINIMUM FROM RWY 5, 300-2 OR STD. W/MIN. CLIMB OF 260' PER NM TO 400 TO RWY 5, 300-2 OR STD. W/MIN. CLIMB OF 267 FT/NM TO 400 - OBSTACLE DATABASE UPDATED.
2. CHANGED RWY 15 TAKE OFF MINIMUMS FROM RWY 15, 300-1 OR STD. W/MIN. CLIMB OF 425' PER NM TO 300 TO RWY 15, 300-1 OR STD. W/MIN. CLIMB OF 430 FT/NM TO 300 - OBSTACLE DATABASE UPDATED.
3. CHANGED RWY 33 TAKE OFF MINIMUMS FROM RWY 33, 300-1½ OR STD. W/MIN. CLIMB OF 380' PER NM TO 300 TO RWY 33, 300-1 3/8 OR STD. W/MIN. CLIMB OF 390 FT/NM TO 300 - NEW OBSTACLE EVALUATION.
4. CHANGED TEXTUAL DEPARTURE PROCEDURES FROM RWY 33, CLIMB ON GON VOR/DME R-335 TO 2000 BEFORE PROCEEDING ON COURSE TO RWY 33, CLIMB ON GON VOR/DME R-335 TO 2000 BEFORE TURNING LEFT - RIGHT TURNS DO NOT ENCOUNTER DIV A PENETRATION.
5. UPDATED TAKEOFF NOTES FOR ALL RUNWAYS - NEW OBSTACLE EVALUATION.
6. ADDED CONTROLLING OBSTACLES FOR RWY 5,15, 23 - IAW 8260.46J APPENDIX D PARA 2.I.(1).