

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**CERTIFICATE OF WAIVER OR AUTHORIZATION**

ISSUED TO

Drone Photography Operations  
ATTN: Blaze Hughes

POC Phone Number

540-581-4921

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Unmanned Aircraft Systems operations in accordance with Title 14 CFR Part 107.41, except "Operating limitations for small unmanned aircraft" Part 107.51(b)(2) are limited to the altitude listed below.

Class of Airspace: Class C airspace in the vicinity of Roanoke Blacksburg Regional Woodrum Field (ROA)

Altitude(s): See Special Provisions

Under the jurisdiction of: Roanoke Tower

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

**107.41 Operations in certain airspace**

**STANDARD PROVISIONS**

1. A copy of the application made for this certificate shall be attached and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

Note-This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

**SPECIAL PROVISIONS**

Special Provisions 1 through 5 inclusive are set forth on pages 2 through 4 of this Waiver.

This certificate 2016-ATO-P107-00249 is effective from June 9, 2017, to June 8, 2019, inclusive, and is subject to cancellation at any time upon notice by the Administrator or his/her authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

FAA Headquarters, AJV-115

(Region)

*M. Randy Willis*

Randy Willis

(Signature)

June 6, 2017

(Date)

Manager, Emerging Technologies Team (AJV-115)

(Title)

## **SPECIAL PROVISIONS**

### **1. CONTACT INFORMATION:**

- a. The Responsible Person, Blaze Hughes, for Drone Photography Operations is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC and VO comply with all provisions of this Waiver.
- b. This Waiver must not be combined with any other waiver(s), authorization(s), or exemption(s) without specific authorization from the FAA.
- c. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air, are in jeopardy or there is a violation of the terms of this Waiver.
- d. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- e. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative.
- f. The Responsible Person shall ensure there is a means for immediate communication with the PIC during UAS operations if ATC deems necessary. During the operation, the Responsible Person shall be continuously available for direct contact at the phone number listed on the first page of this Waiver.

### **2. SCHEDULE OF FLIGHT OPERATIONS:**

- a. This Certificate of Waiver or Authorization and the Special Provisions shall be in effect between civil sunrise and civil sunset local time.
- b. This airspace waiver does not relieve the remote pilots from the responsibility to check the airspace they are operating in and comply with all restrictions that may be present in accordance with 14 CFR §§ 107.45 and 107.49(a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.

**3. OPERATIONS -**

- a. UAS operations are restricted to the locations specified in attachment 1 of this document. Altitudes are limited as follows:
  - a. Area A: No UAS flights are authorized.
  - b. Area B/B1: At or below 100' AGL.
  - c. Area C/C1/C2: At or below 200' AGL.
  - d. Area D/D1: At or below 300' AGL.

**4. COORDINATION -**

- a. At least one (1) hour prior to flight, the UA operator must contact Roanoke (ROA) Approach, phone 540-563-1307, to coordinate UA activity.
- b. The proponent shall provide the following information:
  - (1) Schedule of flight operations, area, and altitude(s) to be flown.
  - (2) A name and phone number for a POC who will be on-site and available for coordination during UAS operations. The POC must have direct communication with the PIC.
- c. The PIC will notify ROA Approach, phone 540-563-1307, promptly when flight operations have been completed or terminated.

**5. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:**

- a. If the UAS loses communications or loses its GPS signal, the UA must return to a pre-determined location within the operating area and land.
- b. The PIC must abort the flight in the event of unpredicted obstacles or emergencies.

**ATTACHMENT 1**

**Operations Area**  
Class C Airspace  
37° 16' 15.4884" N/ 079° 56' 29.1444" W  
3NM Radius

