

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

Lane Construction ATTN: Theodore Pitsaros

POC Phone Number

(704) 615-6646

ADDRESS

6125 Tyvola Centre Drive, Charlotte, NC 28217

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 Bangor International Airport (BGR)
Altitudes as specified in special provisions
Under the jurisdiction of: Bangor Air Traffic Control Tower (ATCT) (BGR)

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 thru 4 inclusive are set forth on page 2 & 3 of this authorization.

This certificate 2016-ATO-P107-00208 is effective from June 6, 2017, to June 5, 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)

May 30, 2017

(Date)

Manager, Emerging Technologies Team (AJV-115)

(Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. The Responsible Person, Chris Millard 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.

2. SCHEDULE OF FLIGHT OPERATIONS:

- a. This Certificate of Waiver or Authorization and the Special Provisions shall be in effect from June 6, 2017 through June 5, 2019, **between sunrise and 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: All operations under this waiver will be contained within the Bangor Class C airspace and will involve aerial photography. Operations will occur at or below 380 feet above ground level (AGL) within the operating area depicted in attachment 1.

- a. Bangor ATCT may restrict operations (example lower altitudes) as needed to ensure safety of operations.

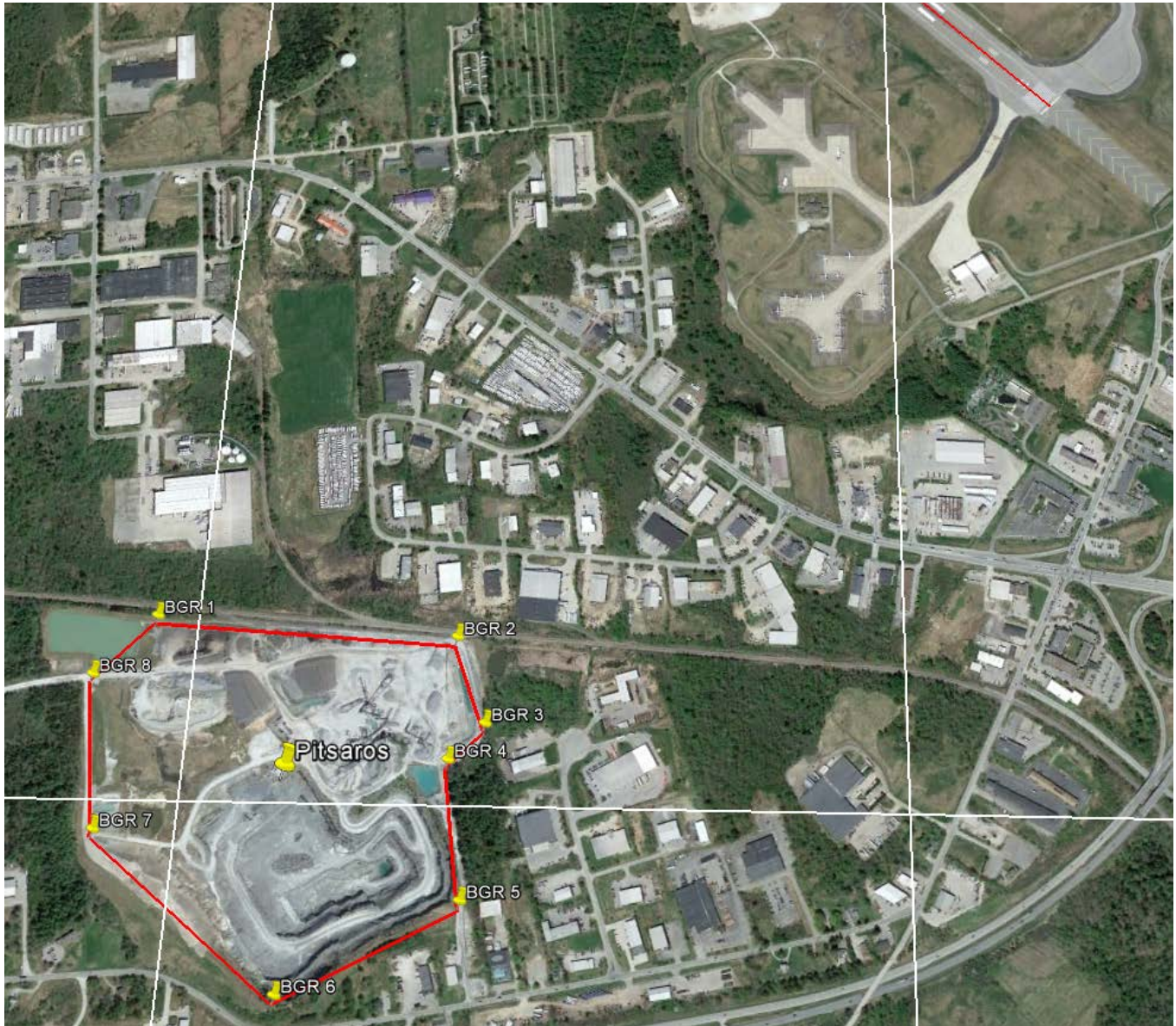
- b. Operations may be terminated by BGR ATCT with a call to the cell phone listed in this waiver.
- c. Coordination Requirements:
 - i. The sUAS operator will contact BGR ATCT at 207-561-2501, 24 hours in advance of operation to provide details of proposed operations.
 - ii. The sUAS operator will contact BGR ATCT on 120.7 15 minutes prior to start of operation to receive a real time approval for operations. Additionally, the sUAS operator will remain on 120.7 during the duration of the operations.
 - iii. The sUAS operator will notify BGR ATCT on 120.7 as soon as the operations are completed.
 - iv. If for any reason the phone number listed in this waiver is no longer valid the sUAS operator will immediately notify BGR ATCT.

4. 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
BGR Class C Airspace
At or below 380' AGL





OPERATIONS AREA COORDINATES

BGR 1 - 44°47'10.45"N 68°50'3.74"W	BGR 2 - 44°47'9.44"N 68°49'38.10"W	BGR 3 - 44°47'4.26"N 68°49'35.36"W
BGR 4 - 44°47'2.09"N 68°49'38.25"W	BGR 5 - 44°46'54.13"N 68°49'36.57"W	BGR 6 - 44°46'48.87"N 68°49'50.68"W
BGR 7 - 44°46'57.76"N 68°50'6.82"W	BGR 8 - 44°47'6.82"N 68°50'8.61"W	BGR 1 - 44°47'10.45"N 68°50'3.74"W