

DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**CERTIFICATE OF WAIVER OR AUTHORIZATION**

ISSUED TO

Adam Holzer

POC Phone Number

907-344-4825

ADDRESS

12301 Division Street, Anchorage AK 99515

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 D airspace in the vicinity of Kenai Tower(ENA)  
Altitudes as specified in special provisions  
Under the jurisdiction of: Kenai 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 thru 4 inclusive are set forth on page 2 of this waiver.

This certificate 2016-ATO-P107-00159 is effective from May 1, 2017, to April 30, 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)

April 27, 2017

(Date)

Manager, Emerging Technologies Team (AJV-115)

(Title)

**SPECIAL PROVISIONS**

**1. CONTACT INFORMATION:**

- a. The Responsible Person, (Adam Holzer), 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. FLIGHT OPERATIONS:**

This Certificate of Waiver or Authorization and the Special Provisions shall be in effect from May 1, 2017, to April 30, 2019, between sunrise and civil sunset local time. Operations are authorized at or below 200 ft AGL in ENA Class D airspace with the exception of the no-fly area contained within and bounded by the following grid coordinates;

(60°35'59.83"N, 151°15'58.82"W), (60°35'59.05"N, 151°10'57.05"W), (60°34'59.94"N, 151°10'56.06"W), (60°34'0.77"N, 151°12'3.32"W), (60°34'1.35"N, 151°12'57.19"W), (60°33'1.18"N, 151°13'1.82"W), (60°33'1.47"N, 151°17'55.22"W), (60°34'0.51"N, 151°17'59.70"W), (60°33'59.66"N, 151°17'0.33"W), (60°34'59.99"N, 151°16'58.91"W), (60°35'0.27"N, 151°15'59.43"W), (60°35'59.83"N, 151°15'58.82"W).

This no-fly area is identified in red on the graphic depiction in Attachment 1.

**3. COORDINATION:**

- a. The operator must contact ENA ATCT at (987) 283-7245, 15 minutes prior to commencing operations and provide:
  - 1) Location of operation and Authorization number (2016-ATO-P107-00159)
  - 2) Maximum altitude
  - 3) Approximate duration of operation
- b. The operator must contact ENA ATCT at (987) 283-7245, when operations are complete.
- c. ENA ATCT may delay, suspend, limit, or terminate operation at any time it deems necessary.

**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**  
Class D Airspace  
At or below 200 feet AGL  
Operations not authorized within the shaded **red** area.

