

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

Iowa Department of Transportation/ ATTN: Brian Kuennen

POC Phone Number

(515) 239-1689

ADDRESS

800 Lincoln Way, Ames, IA 50010

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 The Eastern Iowa Airport (CID)
Operating Altitude: 400 feet AGL and below
Under the jurisdiction of: Cedar Rapids 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 pages 2-4 of this authorization.

This certificate 2017-ATO-P107-00056 is effective from May 10, 2017, to May 10, 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)

Randy Willis

(Signature)

February 10, 2017

(Date)

Manager, Emerging Technologies Team (AJV-115)

(Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION:

- a. The Responsible Person, Brian Kuennen, for Iowa Department of Transportation 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), authorizations(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:

This Certificate of Waiver or Authorization and the Special Provisions shall be in effect from May 10, 2017 through May 10, 2019, **between sunrise and sunset local time.**

3. OPERATIONS:

- a. Operations will only be conducted in VFR conditions with greater than 5 miles visibility and 3,000 ft ceiling.
- b. The PIC will monitor Cedar Rapids Tower frequency 118.7 as required by ATC
- c. In addition to holding a valid Remote Pilot Certificate, pilots flying under this waiver will also hold a Private Pilot or Commercial Pilot Certificate to ensure familiarity with airport surface area and traffic pattern operations.
- d. Operations will be conducted in coordination with Cedar Rapids ATCT.

- e. **The PIC will notify Cedar Rapids ATCT at (319) 366-0830 30 minutes prior to commencing operations with a specific location and upon completion of UA operations.**

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. If lost link occurs over an airport movement area, the UA's pre-programmed lost link procedure shall be programmed to return-to-home at an altitude of no less than 50 feet AGL to mitigate any potential interference with aircraft on taxiways and aprons. The UA will return to its home point by moving away from any runway (or extended centerline) and crossing other airport operational areas at no less than 50 feet AGL..

ATTACHMENT 1

Operations Area
CID Class C Airspace
At or below 400 feet AGL
41° 53' 04" N/ 91° 42' 36" W
Less than 3 NM Radius

