

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

CERTIFICATE OF WAIVER OR AUTHORIZATION

ISSUED TO

POC PHONE NUMBER

DroneTribe.io

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 "Operations for small unmanned aircraft" Part 107.51 b(2) are limited to the altitude listed below.
Class of Airspace: D
At or Below: 100 feet Above Ground Level (AGL)
With a radius of: 0.50 NM
Under the Jurisdiction of: Kaneohe Bay MCAS ATCT (HNG)

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

N/A

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 2-3 of this authorization.

This certificate 2017-WSA-1317-P107 (Revision 1) is effective from May 1, 2017 to May 1, 2017, 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)



Scott J. Gardner

(Signature)

March 30, 2017

(Date)

Acting Manager, UAS Tactical Operations Section

(Title)

SPECIAL PROVISIONS

1. CONTACT INFORMATION **DroneTribe.io**

Dustin Gaessner is the person designated as responsible for the overall safety of UAS operations under this Certificate of Waiver or Authorization. During UAS operations for on-site communication/recall, the Pilot shall be continuously available for direct contact at [REDACTED] by Kaneohe Bay MCAS ATCT (PHNG) Air Operations or designated representative

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 authorization 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 see 14 CFR 107.45 and 107.49 (a)(2), such as restricted and Prohibited Airspace, Temporary Flight Restrictions, etc.

3. COORDINATION & COMMUNICATION REQUIREMENTS

- a. Operator shall contact **MCAS Kaneohe Bay Air Operations** 24 hours prior to operations at **(808) 257-5551**, and provide the following:
 - i. Schedule of flight (time and duration)
 - ii. Location where flight will occur (coordinate and radius)
 - iii. Altitude
 - iv. Communication requirements.
- b. Operator shall contact **MCAS Kaneohe Bay Air Operations** no less than **30 minutes** prior to flight at **(808) 257-8443**, and confirm the following:
 - i. Primary telephone number of the pilot in command.
 - ii. Schedule of flight (time and duration)
 - iii. Location where flight will occur (coordinate and radius)
 - iv. Altitude
 - v. Verify current weather (ceiling/visibility)
- c. **MCAS Kaneohe Bay Air Traffic Control/Air Operations** may disapprove, terminate, restrict, or delay UAS flight operations covered by this authorization at any time.

DroneTribe.io

CIVIL PART 107 AUTHORIZATION, DATE

- d. Operator shall notify **MCAS Kaneohe Bay Air Operations** immediately upon completion of UAS flight operations at **(808) 257 5551**.
- e. Photography and/or video of the military installations and assets or the military ranges are illegal and prohibited by Federal Law.

4. EMERGENCY/CONTINGENCY PROCEDURES - Lost Link/Lost Communications Procedures:

- a. Lost Link and Fly Away Procedures: In the event of a lost link and / or fly away, the UAS pilot shall immediately notify **MCAS Kaneohe Bay Tower** at **(808) 257-8443** and state the following:
 - i. UA Altitude
 - ii. UA last known location
 - iii. Direction of flight/heading
 - iv. Fuel on board/battery time
 - v. Pilot's intentions
 - vi. Termination of flight/emergency condition
- b. If the UA loses communications or loses its GPS signal, the UA shall return to a pre-determined location within the operating area and land.
- c. The PIC shall abort the flight in the event of unpredicted obstacles or emergencies.



ATTACHMENT 1

Operations Area

Kaneohe Bay Class D Airspace

At or below 100 feet AGL

21° 28' 4" N, 157° 48' 57" W

0.50 NM Radius

