

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION  
**CERTIFICATE OF WAIVER**

**Issued To: Wing**  
**Responsible Person: Chris Jackman**  
**Waiver Number: 107W-2020-04940**

**Address:**  
**3400 Hillview Ave.**  
**Bldg 4**  
**Palo Alto, CA 94304**

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**

Operating Limitations for Small Unmanned Aircraft — Visibility; Operating Limitations for Small Unmanned Aircraft — Cloud Clearance.

**LIST OF WAIVED REGULATIONS BY SECTION AND TITLE**

**14 CFR §§ 107.51(c)—Operating limitations for small unmanned aircraft – Visibility, and  
107.51(d)—Operating limitations for small unmanned aircraft - Cloud Clearance**

**STANDARD PROVISIONS**

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator 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 Nos. 1 to 11, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from February 1, 2021, to February 28, 2022, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

**BY DIRECTION OF THE ADMINISTRATOR**

General Aviation and Commercial Division, AFS-800

## SPECIAL PROVISIONS ISSUED TO Wing

### General

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

**14 CFR § 107.51(c)**, Operating limitations for small unmanned aircraft - Visibility, is waived to allow operations in visibility of less than three statute miles as measured from the control station.

**14 CFR § 107.51(d)**, Operating limitations for small unmanned aircraft - Cloud Clearance, is waived to allow operations less than 500 feet below the cloud and 2,000 feet horizontally from the cloud.

No part of this waiver will function as an airspace authorization under 14 CFR § 107.41. The FAA's Air Traffic Organization responds directly to such requests.

**Common Special Provisions.** The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC, manipulator of the controls, and Visual Observer(s) (VO)<sup>1</sup> comply with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
  - a. Must ensure the remote PIC, manipulators of the controls, and VO are informed of the terms and provisions of this Waiver and strictly observe the terms and provisions herein;
  - b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations; and
  - c. Evidence of the above (a and b) must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;
2. This Waiver may be combined with 107W-2016-01223 as amended and 107W-2021-00181. This Waiver may not be combined with any other waiver(s), authorization(s), or exemption(s) without specific authorization from the FAA;

<sup>1</sup> Title 14 CFR § 107.3 defines the term "visual observer." Any VO participating in operations conducted under this Waiver must meet the requirements listed in § 107.33 throughout the duration of flight operations.

3. 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;
4. A copy of this Waiver must be accessible and available to the Remote Pilot in Command (remote PIC) at the ground control station during sUAS operations that are the subject of this Waiver;
5. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;
6. 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;
7. For the purposes of this Waiver, Direct Participants are the remote pilots in command (PICs), persons manipulating the controls, visual observers (VOs), and any persons whose involvement is necessary for safety of the sUAS operation. All other persons are considered non-participants;

### **Operational Provisions**

8. Operations conducted under this waiver must occur in accordance with the test plans for either FAA type certification project TC16343LA-R, Operational Suitability Demonstration (OSD) tests, or Durability and Reliability (D&R) demonstration tests. Operations authorized include operations necessary for sUAS set-up, sUAS preliminary testing, and test Type Certification test plan compliance;

### **Operating limitations for small unmanned aircraft - Weather: Visibility Minimums Special Provisions**

sUAS operations may be conducted in weather conditions with reduced visibility and cloud clearance minimums, provided:

9. The remote PIC or VO must monitor the airport common traffic advisory frequencies when operating at these locations:
  - a. Hollister, CA – CVH 123.0,
  - b. Kentland Farms, VA – PSK 122.7 and BCB 123.050;

### **Operating limitations for small unmanned aircraft - Weather: Cloud Minimums Special Provisions**

sUAS operations may be conducted in weather conditions with reduced cloud clearance minimums, provided:

10. sUAS operations subject to this Waiver may only occur at the three areas and within the limitations as described in the waiver application as:
  - a. Hollister, CA,
  - b. Pescadero, CA,
  - c. Kentland Farms, VA; and
11. Weather restrictions, operating limitations, NOTAM requirements, and VO duties must be followed as indicated by the table below. Operations under the conditions listed in the chart must be conducted in combination with the provisions of 107W-2021-00181 with the exception of the VO(s) duties.

<b>Visibility as measured from sUA</b>	<b>Maximum Altitude</b>	<b>VO Requirement</b>	<b>Allowable Waiver Combinations</b>	<b>NOTAM Required</b>
Visibility is less than or equal to one half statute miles	400 feet AGL	Outdoor observation in accordance with the application	107W-2016-01223 as amended and 107W-2021-00181.	Yes
Visibility is greater than one half statute mile and less than and or equal to two statute miles	200 Feet AGL	Outdoor observation in accordance with the application	107W-2016-01223 as amended and 107W-2021-00181.	No
Visibility is greater than two statute miles	400 Feet AGL	Comply with requirements in 107W-2021-00181 as amended	107W-2016-01223 as amended and 107W-2021-00181.	Yes