

U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

## CERTIFICATE OF WAIVER

ISSUED TO

**Matthew Sanner**  
**Responsible Person: Matthew Sanner**  
**Waiver Number: 107W-2025-05043**

ADDRESS –

**192 Waterside Cir  
San Rafael, CA 94903**

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 provisions contained in this certificate.

OPERATIONS AUTHORIZED

Small unmanned aircraft system (sUAS) operations over human beings.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

**14 CFR § 107.39—Operation over human beings**

### **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 21, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from February 11, 2026, to February 28, 2030, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

**BY DIRECTION OF THE ADMINISTRATOR**

**Emerging Technologies Division, AFS-700**

**SPECIAL PROVISIONS ISSUED TO**  
**Matthew Sanner**

**General.**

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200 and § 107.205. Pursuant to these authorities, the Administrator finds that the proposed small unmanned aircraft (sUA) 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 sUA in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

The Administrator may cancel this Waiver at any time. 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 will serve as justification for cancellation.

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

14 CFR § 107.39, Operations over human beings, is waived to allow sUA operations over human beings who are not direct participants, necessary for the safe operation of the small unmanned aircraft.

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 requests for such authorizations. The LAANC system may not be used for Airspace Authorizations for Waivered Operations.

**Common Special Provisions.** The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the Remote Pilot in Command (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(s) 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(s) 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 not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;
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;

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<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.

4. A copy of this Waiver must be accessible and available to the remote PIC at the ground control station during sUA 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 sUA by registration number(s) used in operations under this Waiver. 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 PICs, persons manipulating the controls, VOs, and any persons whose involvement is necessary for safety of the sUA operation. All other persons are considered non-participants;
8. If a discrepancy exists between the provisions in this Waiver and the waiver application, the Waiver takes precedence and must be followed;

**Operations Over Human Beings Special Provisions** sUAS operations may be conducted over human beings and/or moving vehicles provided:

#### **SPECIAL PROVISIONS APPLICABLE TO sUA UP TO AND INCLUDING 0.88 POUNDS**

9. The maximum takeoff weight of the sUA and all attachments such as shielding for rotating components (i.e., prop guards), remote ID module, camera, anti-collision lights, and/or payload **must not exceed 0.88 pounds**;

#### **SPECIAL PROVISIONS APPLICABLE TO sUA GREATER THAN 0.88 POUNDS**

10. The maximum takeoff weight of the sUA and all attachments such as shielding for rotating components (i.e. prop guards), remote ID module, camera, anti-collision light, parachute recovery system, and/or payload **must not exceed 3.5 pounds (3 pounds, 8 ounces)**;
11. The sUA must be equipped and operated with a Parachute Recovery System (PRS) conforming to the ASTM F3322-18 (or newer) standard.
  - a. The PRS must be maintained per the manufacturers' recommended procedures, and safety checked prior to flight;
  - b. The operation over human beings must immediately terminate if the PRS experiences an inflight failure or fails a safety check per the operator's manual;
  - c. The sUA must be operated at or above the minimum altitude specified in the PRS operator's manual when the sUA is over human beings; and
  - d. The RPIC must have the most recent version of the PRS operator's manual for the PRS being used in their possession, and readily accessible, during the operation. A digital copy of this manual is acceptable for this purpose;

## SPECIAL PROVISIONS APPLICABLE TO ALL sUAS

12. The sUAS must be equipped and operated with a mechanism to shield or prevent rotating parts from causing lacerations to human skin (e.g., prop guards);
13. The sUA throughout the operation must not operate over a human being located inside a moving vehicle;
14. Operations over people attending sporting events, concerts, crowds, political events, races, controlled access events, and other open-air assemblies of people is prohibited, unless, prior to sUAS operations conducted under this Waiver, the responsible person coordinates the sUAS operations with the event's security planner or venue's designee. For this Waiver, "coordinates" means contacting the venue designee or event's security planner and:
  - a. Providing a copy of this Waiver;
  - b. Providing a schedule of planned sUAS operation(s) times;
  - c. Providing the location the remote PIC will be operating the sUAS from;
  - d. Providing the remote PIC's phone number where they can be contacted during sUAS operations; and
  - e. Receiving written confirmation from the event security planner or venue's designee that the above information has been provided to him/her;
15. The route of flight must be planned and flown to minimize the time the sUA is over people;
16. Visual Observers (IF USED): All operations conducted under this Waiver must use one or more VO as described in the waiver application:
  - a. All VOs must receive documented training for their duties and responsibilities to include:
    - 1) Scanning of the Operational Volume for Air and Ground based intruders;
    - 2) Communications procedures and phraseology;
    - 3) Overall operations conducted under this Waiver;
  - b. Sufficient VO(s), defined as the minimum number of VO(s) required to continuously observe at least a 2 statute mile radius of airspace surrounding the sUA in flight, are:
    - 1) Used to identify any non-participating aircraft prior to their entry into the planned operational area;
    - 2) Physically located such that the remote PIC receives sufficient notice to ensure the UA remains well clear of all other aircraft;
    - 3) Physically located to notify the remote PIC of any moving vehicle or human presence that may pose a hazard to the operation;
  - c. Communication between the remote PIC and VO must occur to facilitate, when necessary, for the remote PIC taking action to maneuver the sUA with sufficient time to:
    - 1) Give way to all other aircraft in accordance with § 107.37;
    - 2) React to any unforeseen operational or mechanical failure without creating a hazard to other people, other aircraft, or property in the event of a loss of control of the sUA; and
    - 3) Maintain compliance with this Waiver and un-waived provisions of part 107;
  - d. If communication between the VO and the remote PIC will occur by electronic device:
    - 1) The device must be continuous full-duplex;
    - 2) The remote PIC must be able to use the device hands-free; and
    - 3) There must be a reliable back-up communication method;

17. Prior to each flight a checklist must be used to aid in identifying potential ground and air hazards along the route of flight and in the immediate vicinity, completed by the RPIC, and briefed to the VO(s) (when used) and the person flying the drone. The checklist must cover the following items at a minimum:
  - a. Identify areas or routes of low-level helicopter and airplane operations such as helipads, grass airstrips, airports, military operations areas below 500 feet above ground level (AGL), tour operator flights, and farmland suitable for agricultural aircraft operations, within one statute mile of the intended operating area or route;
  - b. Identify locations of expected pedestrian and vehicular traffic in the immediate vicinity of the operating area or route of flight; and
  - c. Identify the highest obstacle or obstruction in the operating area that may be encountered between the takeoff/home location and anywhere along the planned route of flight should a pre-programmed return-to-home (RTH) flight be initiated;
18. Prior to takeoff, the sUAS must be programmed to execute a pre-programmed RTH command if the signal is lost or disrupted for more than 5 seconds. The RPIC must program a RTH altitude that avoids any obstructions along the RTH route, limited to no higher than 400 feet AGL;
19. Operations subject to this waiver must cease as soon as possible in a manner that does not jeopardize the safety of human beings, property or other aircraft, if, at any time:
  - a. Safety of human beings or property on the ground or in the air is in jeopardy;
  - b. Any failure to comply with the provisions of this Waiver exists;
  - c. Full-duplex communications cannot be maintained between the remote PIC and any VO participating in the operation;
20. Anti-Collision Lighting: The sUA must be equipped with anti-collision lighting compliant with § 107.29 to appropriately increase the conspicuity of the sUA. The anti-collision lighting system must be operational at all times;
21. Operations conducted under this waiver are limited to location(s) that meet the performance-based criteria contained in the waiver application.