

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

ISSUED TO

Rainmaker Technology Corporation
Responsible Person: Sam Kim
Waiver Number: 107W-2025-00766

ADDRESS

115 Eucalyptus Drive
El Segundo, CA 90245

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

Small Unmanned Aircraft System (sUAS) operations higher than 400 feet above ground level (AGL), when not within a 400 foot radius of a structure.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.51(b)—Operating limitations for small unmanned aircraft (sUA) - Altitude

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 1 to 17, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from May 01, 2025, to April 30, 2027, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

BY DIRECTION OF THE ADMINISTRATOR

Adam Vetter
Tactical Operations Manager
FAA Western Service Center

SPECIAL PROVISIONS ISSUED TO Rainmaker Technology Corporation

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 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.

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 § 107.51(b), Operating limitations for small unmanned aircraft - Altitude, is waived to allow sUAS operations higher than 400 feet AGL, not to exceed 5,000 feet AGL.

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. The FAA LAANC system cannot be used for airspace authorizations for waived 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 (PIC), manipulator of the controls, and Visual Observers (VO)¹ 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 PIC, manipulators of the controls, and VO are informed of the terms and provisions of this Waiver and the strict observance of the terms and provisions herein;
 - b. Must ensure the PIC, manipulators of the controls, and VO are informed of, 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 Waiver 107W-2025-00728. 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;

¹ 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 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 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 PICs, persons manipulating the controls, VOs, and any persons whose involvement is necessary for safety of the sUAS 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 higher than 400 feet AGL Special Provisions: sUAS operations may be conducted above 400 feet AGL, not to exceed 5,000 feet AGL, provided:

9. Visual Observers: All operations conducted under this Waiver must use one or more VO as described in the waiver application;
10. All operations must use the sUA system, personnel and procedures as described in Waiver 107W-2025-00728;
11. Special Use Airspace:
 - a. Coordination and de-confliction between Military Training Routes (MTR) and Special Use Airspace (SUA) is the operator's responsibility. When identifying an operational area, the operator must evaluate whether an MTR or SUA will be affected. In the event the UAS operational area overlaps an MTR or SUA, the operator will contact the scheduling agency in advance and as soon as practicable to coordinate and de-conflict. Approval from the scheduling agency is required for regulatory SUA, but not for MTRs and non-regulatory SUA. If there is no response to coordination efforts, the operator must exercise extreme caution and remain vigilant of all MTRs and/or non-regulatory SUAs;
 - b. No person may operate a UA in prohibited or restricted areas unless that person has permission from the using or controlling agency, as appropriate. Scheduling agencies for MTRs are listed in the Area Planning AP/1B, Military Planning Routes, North and South America: <https://www.daip.jcs.mil/pdf/ap1b.pdf>. Scheduling agencies for SUA are listed in the Area Planning AP/1A, Special Use Airspace, North and South America: <https://www.daip.jcs.mil/pdf/ap1a.pdf>;
 - c. **At least seven (7) working days prior to conducting operations:**
 - 1) Contact the R-2508 Central Coordinating Facility (CCF) at 2508ccf@us.af.mil, or 661-277-2508 to coordinate each sUAS operation and advise of any schedule changes.

Note: R-2508 CCF operating hours are 0800-1600, Monday through Friday (closed federal holidays and weekends);

- 2) Contact R-2515 Airspace Management at 412OSS.OSO.R-2515AirspaceMgr@us.af.mil, or 661-277-2515 to coordinate each sUAS operation and to advise of any scheduled changes. Due to any conflict with IR-425, launch approval must be obtained from the 412th Test Wing for each individual launch date.

Note: R-2515 Airspace Management operating hours are 0800-1600, Monday through Friday (closed federal holidays and weekends);

- 3) For coordination in the vicinity of IR-211, contact the 3rd Marine Air Wing, Miramar, CA, Operations at 858-577-1532, or 858-577-4849;

d. Seventy-two (72) hours prior to conducting operations, contact the:

- 1) Automated Flight Service Station (AFSS) in reference to Drone Notice to Airmen (DROTAM) activity at 877-487-6867. Advise them of the sUAS operation launch location and issue a DROTAM referencing this Waiver;

e. Twenty-four (24) hours prior to conducting operations:

- 1) Contact the Joshua Control Facility (JCF) at 661-258-7524;

f. One hour (1) to 30 minutes prior to conducting operations: Contact the JCF Operations Supervisor at 661-258-7524, for notice and to receive approval for the sUAS operation;

g. When sUAS operations have been completed, and/are terminated, or canceled:

- 1) Contact JCF at 661-258-7524;
- 2) Contact R-2508 CCF at 661-277-2508; and
- 3) Contact AFSS at 877-487-6867 to have the DROTAM canceled.

h. The Responsible Person must provide a phone number to each Air Traffic Control (ATC) facility and applicable military scheduling facility, if any, to ensure they have direct contact with an operator at the launch site that has the ability to cease sUAS operations within ten (10) minutes of notification, if needed.

Note: If any Air Traffic facility is unable to reach the launch site via phone number provided, the FAA Western Service Center may suspend or revoke this Waiver, resulting in cancellation of current and/or future operations under this Waiver;

- i. All operations conducted under this Waiver must use sufficient Visual Observers to scan the sky prior to each sUAS operation and immediately notify the Responsible Person to cease, or hold fire whenever an aircraft is in, or approaching the launch area;
- j. All operations conducted under this Waiver must be in accordance with the Responsible Person's safety rules, codes and as stated in the waiver application;

- k. It is the Responsible Person's responsibility to adhere to and ensure that this Waiver is in effect with the R-2508 Complex Control Board (CCF) and schedule with the CCF for all sUAS operations conducted under this Waiver;
 - l. The Responsible Person must safeguard all person(s) and property on the ground and must ensure that all persons connected with the sUAS operation are familiar with all provisions of this Waiver; and
 - m. The Responsible Person and **Rainmaker Technology Corporation** covenants expressly agree that, with regard to any liability which may arise from any sUAS operation or related activities, that they must be solely and exclusively liable for the negligence of its own agents, servants, participants, and/or employees, in accordance with the applicable law and 14 CFR Part 107; and that neither party looks to the other to save and hold it harmless for the consequences of any negligence on the part of one of its own agents, servants, and/or employees.
12. NOTAM: The Responsible Person must file a Notice to Airmen (NOTAM) no more than 72 hours and no less than 24 hours prior to operating under this Waiver. A NOTAM can be filed by calling 1-877-487-6867 (1-877-4-US-NTMS); and must include the location and/or operating area, altitude, time, nature of the activity, Waiver and/or COA number, PIC name and contact information. The Responsible Person must verify the NOTAM has been issued prior to conducting waived operations;
13. ADS-B out (1090/978 MHz) may not be transmitted from the sUAS when operating pursuant to this Waiver. An ADS-B in receiver must be on site, operational and under observation during all operations conducted under this Waiver;
14. All emitters used in the sUAS must be in compliance with all applicable FCC regulations and all provisions of the FCC authorization granted for the emitter. A FCC experimental authorization may not be used for sUAS operations under this Waiver;
15. As described in the waiver application, when operating within 5 statute miles of any airport, airport management must be notified prior to the sUAS operation, a method of radio or telephone communication with airport management must be established, and the PIC or VO must monitor the airport's common traffic advisory frequency;
16. Anti-Collision Lighting: The sUA must be equipped and operated with high visibility markings and/or anti-collision lighting to increase conspicuity of the sUA in order to be seen by crewmembers in other aircraft from a distance of no less than 1 statute mile for daytime operations and 3 statute miles for civil twilight and/or night operations; and
17. Environment:
- a. Operations Area: Operations conducted under this Waiver are limited to the Operations Area described in the waiver application (see description and images below); and
 - b. The Responsible Person must ensure that the area of operation is sterile as described in the waiver application.

Mojave Desert, California:
 35° 16' 40.692" N, 117° 51' 04.464" W (in Green)
 Radius: 0.25 Nautical Mile At or Below: 5,000 feet AGL

