

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

Issued To: DRL
Responsible Person: Laura MacFie
Waiver Number: 107W-2020-03566

Address:
40 W 27th St Fl 8
New York, NY 10001

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

Operations beyond the visual line of sight of the Remote Pilot in Command.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.31 — Visual line of sight aircraft operation

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 24, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from August 21, 2020, to October 31, 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 DRL

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 § 107.31, Visual line of sight aircraft operation, is waived to allow operation of the small unmanned aircraft (sUA) beyond the direct visual line of sight of the remote pilot in command (PIC) and any visual observer (VO) who is participating in the operation.

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.

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 VO¹ 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 VOs 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 VOs 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 Waiver 107W-2019-04236. This Waiver may not be combined with any other waiver(s), authorization(s), or exemption(s) without specific authorization from the FAA; 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.

3. 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;
4. 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;
5. 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;
6. 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;

Waiver Specific Special Provisions. sUAS operations beyond the visual line of sight (BVLOS) of the remote PIC may be conducted under this waiver when the operation complies with the following provisions:

OPERATIONAL PROVISIONS

7. Personnel must assigned the roles, responsibilities, and utilized as described in the waiver application;
8. The Responsible person must ensure all operations conducted under this Waiver follow the procedures outlined in the waiver application. If a discrepancy exists between the provisions in this Waiver and the procedures outlined in the waiver application, the provisions of this Waiver take precedence and must be followed;
9. The Responsible Person is permitted to revise the Standard Operating Procedures/Emergency Action Plans manual (SOP/EAP). The Responsible Person must track such revisions and provide the revised documents to the Administrator. If any revision to the manual is inconsistent or conflicts with the information provided in the waiver application or obviates a condition or limitation of this waiver, then the Responsible Person must apply for an amendment to this Waiver. Revisions that are consistent and do not conflict with the information provided in the waiver application or would not obviate a condition or limitation of this waiver must be emailed to 9-AFS-820-Part107Reports@faa.gov no less than 30 days prior to the planned implementation of the changes. If no response is received after 30 days, the Responsible Person may implement the updated documents unless otherwise notified by the Administrator;
10. The Responsible Person must ensure the pertinent portions of the SOP/EAP manual are available to the personnel described in the waiver application;
11. The Responsible Person listed on this Waiver must ensure each remote PIC and all other personnel are trained and tested as described in the waiver application;
12. Prior to operations under this Waiver, all personnel must attend the safety briefing described in the waiver application;

13. Operations subject to this waiver must cease 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. sUA control link is lost,
 - d. A non-participating aircraft enters the designated flight operating area;
14. The Responsible Person must establish and maintain a Safety Management System (SMS) appropriate for the size, scope, and complexity of operations that occur under this Waiver. Guidance on establishing and maintaining an SMS is available in FAA Advisory Circular 120-92B (or current revision). This program must be made available upon request by the Administrator;
15. At least 72 hours prior to conducting operations that are the subject of this waiver, the responsible person must notify the local Flight Standards District Office manager. The notification must include:
 - a. The location of the planned sUAS operation
 - b. The time or times of the planned sUAS operations,
 - c. A copy of this Waiver, and
 - d. A copy of the airspace authorization per § 107.41 if required for the location and altitude of the sUAS operation.

The locations of the local Flight Standards District Offices and contact information can be located at https://www.faa.gov/about/office_org/field_offices/fsdo/ ;

TECHNICAL PROVISIONS

16. Operations conducted under this Waiver may only occur with the sUAS described in the waiver application;
17. All sUAS operations conducted in accordance with this Waiver must comply with the limitations described in the waiver application for the sUAS;
18. The Responsible Person must ensure each sUAS and its components is maintained as described in the waiver application. sUAS maintenance includes scheduled and unscheduled overhaul, repair, inspection, modification, replacement, and system software upgrades of the sUAS and its components necessary for flight .
19. Each sUA must be equipped with high visibility markings or lighting to increase the conspicuity of the sUA;
20. Prior to conducting operations under this Waiver, the responsible person must determine all control links the used in the sUAS will operate as described in the waiver application;
21. ADS-B out (1090/978 MHz) may not be transmitted from the sUAS when operating pursuant to this Waiver;
22. All emitters used in sUAS must be in compliance with all applicable FCC regulations and all provisions of the FCC authorization granted for the emitter; and

ENVIRONMENTAL PROVISIONS

23. Prior to operating under this Waiver before invited members of the public, DRL must become an accredited air race organization;
24. Operations conducted under this Waiver may occur at locations meeting the requirements described in the waiver application.