

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

ISSUED TO

**Lockheed Martin, Responsible Person: Delquawn Hardy
Waiver Number: 107W-2017-02159**

ADDRESS

**5600 W. Sand Lake Road MP200
Orlando, FL 32819**

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

Operation of a small unmanned aircraft (sUA) not to exceed 217 knots (250 miles per hour) groundspeed.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

14 CFR § 107.51(a) Operating limitations for small unmanned aircraft

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

This Certificate of Waiver is effective January 19, 2018 to January 31, 2022, inclusive, 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
Lockheed Martin**

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(a)- Operating limitations for small unmanned aircraft, groundspeed is waived to allow an unmanned aircraft to operate at a groundspeed not to exceed 217 knots (250 miles per hour).

Common 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 VO complies 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 on the terms and provisions of this waiver and the strict observance of 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 not waived; and
 - c. The above 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 number 107W-2017-02163. This Waiver may not be combined with any other waiver(s), authorization(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;

4. Operations under this Waiver are to be conducted in Class G airspace only unless specific airspace authorization or Waiver is received from the FAA in accordance with § 107.41;
5. A copy of this Waiver must be available during sUAS operations that are the subject of this Waiver;
6. Operations under this Waiver are limited to the LMCO LM Kingcat sUA;
7. Operations conducted under this Waiver are limited to the remote PICs listed in the waiver application;
8. All operations under this Waiver must use multiple VO's, as described in the waiver application;

Operating Limitations for Small Unmanned Aircraft Groundspeed Special Provisions.

sUAS operations exceeding 87 knots (100 mph) may be conducted, provided:

9. The remote pilot in command and all VO's must be trained as described in the waiver application. This training must be documented and made available to the Administrator upon request;
10. Prior to operations that are the subject of this Waiver, the sUAS must be inspected as described in the waiver application. The inspections must be documented and made available to the Administrator upon request;
11. Prior to conducting operations under this Waiver, operational area obstacles and boundaries must be identified and located so as to avoid collision with, or damage to property and non-participating persons;
12. Prior to operations that are the subject of this Waiver, the Responsible Person must ensure the area is restricted to access as described in the waiver application;
13. Prior to sUA operations that are the subject of this Waiver, the sUA "failsafe" must be tested and verified to operate as described in the waiver application;
14. During operations that are the subject of this Waiver, the sUA groundspeed, altitude, attitude, location and orientation, RC signal strength, and sUA distance from the control station, must be monitored and communicated to the remote PIC, as described in the waiver application;
15. During operations that are the subject of this waiver, the sUA (LMCO LM Kingcat) must be configured and equipped as described in the waiver application;
16. Flight operation of the sUA must be immediately terminated if non-participating persons, vehicles, or aircraft enter the area established for the purposes of operations that are the subject of this Waiver;

17. The Responsible Person must email a report within seven days to 9-afs-820-part107Reports@faa.gov if any of the following occur:
- a) incident,
 - b) accident,
 - c) lost link,
 - d) or failsafe event;
18. Not less than 24 hours prior to conducting operations that are the subject of this Waiver, a Notice to Airmen (NOTAM) must be filed. The NOTAM must include location, altitude, and/or operating area, time and nature of the activity, and number of sUA flying in the operating area.
19. Operations conducted under this Waiver are limited to LM-ETS (54FD) as described in the waiver application.