



U.S. Department
of Transportation

**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D.C. 20591

September 8, 2015

Exemption No. 11446A
Regulatory Docket No. FAA-2014-0890

Ms. Dyan Gibbens
CEO
Trumbull Unmanned, LLC
5340 Wesleyan Street, #6588
Houston, TX 77005

Dear Ms. Gibbens:

This letter is to inform you that we have granted your petition for an amendment. It explains the basis for our decision, describes its effect, and lists any changes to the original conditions and limitations.

By letters dated June 10, 2015, and July 6, 2015, you petitioned the Federal Aviation Administration (FAA) on behalf of Trumbull Unmanned, LLC (hereinafter petitioner or operator) for an amendment to your current exemption. That exemption from §§ 61.23(a) and (c), 61.101(e)(4) and (5), 61.113(a), 61.315(a), 91.7(a), 91.119(c), 91.121, 91.151(a)(1), 91.405(a), 91.407(a)(1), 91.409(a)(1) and (2), and 91.417(a) and (b) of Title 14, Code of Federal Regulations (14 CFR) allows the petitioner to operate a UAS to perform aerial data collection. You requested an amendment to add the Altavian F6500, Altavian R8400, sensefly eXom, Aibotix x6, and PrecisionHawk Lancaster.

In your petition, you indicate that there has been no change in the conditions and reasons relative to public interest and safety that were the basis for granting the original exemption.

The FAA has determined that good cause exists for not publishing a summary of the petition in the Federal Register because the requested amendment to the exemption would not set a precedent, and any delay in acting on this petition would be detrimental to the petitioner. The unmanned aircraft authorized in the original grant are comparable in type, size, weight, speed and operating capabilities to those in this petition.

Airworthiness Certification

In accordance with the statutory criteria provided in Section 333 of Public Law 112-95 in reference to 49 U.S.C. § 44704, and in consideration of the size, weight, speed, and limited

operating area associated with the aircraft and its operation, the Secretary of Transportation has determined that this aircraft meets the conditions of Section 333. Therefore, the FAA finds that relief from 14 CFR part 21, *Certification procedures for products and parts, Subpart H—Airworthiness Certificates*, and any associated noise certification and testing requirements of part 36, is not necessary.

Our Decision

The FAA has determined that the justification for the issuance of Exemption No. 11446 remains valid and is in the public interest. Therefore, under the authority contained in 49 U.S.C. 106(f), 40113, and 44701, delegated to me by the Administrator, the operator is granted an amendment to add new aircraft to its UAS operations.

The operator shall add this amendment to its original exemption.

Conditions and Limitations

All conditions and limitations within Grant of Exemption No. 11446 remain in effect except as follows. Condition No. 1 has been updated to reflect the additional aircraft.

Failure to comply with any of the conditions and limitations of this grant of exemption will be grounds for the immediate suspension or rescission of this exemption.

1. Operations authorized by this grant of exemption are limited to the Lockheed Martin Indago Quadrotor, 3DRobotics Aero-M, 3DRobotics X8, 3DRobotics Flying Squirrel-Specktre, 3DRobotics Fixed Wing, 3DRobotics Multirotor, 3DRobotics Quadrotor, Unmanned Flying Rolling Orb “UFRO”, SenseFly eBee, SteadiDrone, DJI S1000, Skywalker Flying Wing X8, Altavian F6500, Altavian R8400, Sensefly eXom, Aibotix X6, and PrecisionHawk Lancaster when weighing less than 55 pounds including payload. Proposed operations of any other aircraft will require a new petition or a petition to amend this exemption.

This exemption terminates on April 30, 2017, unless sooner superseded or rescinded.

Sincerely,

/s/

John S. Duncan
Director, Flight Standards Service



Section 333 Amendment

Trumbull Unmanned, LLC

Prepared by: Dyan Gibbens, LLC

June 10, 2015

TRUMBULL UNMANNED

**Request for Amendment to FAA Exemption No. 11146
Docket No. FAA-2014-0890**

10 June 2015
U.S. Department of Transportation
Federal Aviation Administration
Docket Management System
1200 New Jersey Ave., SE
Washington DC 20590

Re: Amendment of Trumbull Unmanned Exemption No. 11146

Dear Sir or Ma'am,

Trumbull Unmanned respectfully requests amendment to our FAA Exemption No. 11146, Docket No. FAA-2014-0890. We request for the additional UAS listed below to be added to our exemption for continued safe operation:

- Altavian F6500
- Altavian R8400
- sensefly eXom
- Aibotix X6

The confidential operations manual will be sent via email. Thank you for your time and consideration in this matter. Should you have any questions, please contact us.

Respectfully,

Dyan Gibbens
CEO
Trumbull Unmanned

Cc:

Rob Pappas
Jake Troutman