U.S. Department
of Transportation
**Federal Aviation
Administration**

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

July 23, 2015

Exemption No. 11728A
Regulatory Docket No. FAA-2015-0850

Mr. Alon Sicherman
39 Claremont Avenue
Apartment 41
New York, NY 10027

Dear Mr. Sicherman:

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 2 and June 25, 2015, you petitioned the Federal Aviation Administration (FAA) 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 DJI Phantom 3, DJI Phantom S900, DJI S1000, Tayzu Titan X8, and Freefly Alta, and to add closed-set motion picture and television filming to your operations.

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, C*ertification 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. 11728 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 and closed-set motion picture and television filming 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. 11728 remain in effect except as follows. Condition No. 1 has been updated to reflect the additional aircraft. Condition No. 2 has been updated to permit closed-set motion picture and television filming.

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 DJI Phantom 2, DJI Inspire 1, DJI Phantom 3, DJI Phantom S900, DJI S1000, Tayzu Titan X8, and Freefly Alta 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.
2. Operations for the purpose of closed-set motion picture and television filming are permitted.

This exemption terminates on May 31, 2017, unless sooner superseded or rescinded.

Sincerely,

/s/
John S. Duncan
Director, Flight Standards Service

Enclosures

ALON SICHERMAN would like to amend his Section 333 exemption, numbered 11728. ALON SICHERMAN seeks to expand his exemption to closed set motion picture and television filming. Seeing that all other conditions remain the same in his exemption, ALON SICHERMAN has attached his MPTOM for review.

ALON SICHERMAN would also like to add several aircraft to the approved list of aircraft. All aircraft will be registered in accordance with 49 U.S.C. 44103, Registration of Aircraft, as well as 14 C.F.R Part 47, Aircraft Registration, and marked in accordance with 14 C.F.R. Part 45, Identification and Registration Marking. All relevant manuals, maintenance logs, etc. will be kept in accordance with his original Section 333 exemption.

DJI Phantom 3

The DJI Phantom 3 is a vertical takeoff and landing (VTOL) Unmanned Aircraft (UA) with a Ground Control Station (GCS) utilizing electronic tablet or smart phone systems. The DJI Phantom 3 has a maximum gross weight of approximately 2.8 pounds, while having a length of 16 inches width of 16 inches, height of 8.5 inches, and a maximum speed of approximately 31 knots. The DJI Phantom 3 is equipped with four main rotors; driven by Lithium Polymer battery powered electric motors. The DJI Phantom 3 that will be operated by ALON SICHERMAN will be registered in accordance with 49 U.S.C. 44103, Registration of Aircraft, as well as 14 C.F.R Part 47, Aircraft Registration, and marked in accordance with 14 C.F.R. Part 45, Identification and Registration Marking.

DJI S900

The S900 is a vertical takeoff and landing (VTOL) Unmanned Aircraft (UA) with a Ground Control Station (GCS) utilizing electronic remote control systems. The DJI S900 has a maximum gross weight of approximately 18 pounds, while having a length of 35 inches width of 35 inches, height of 14 inches, and a maximum speed of approximately 35 knots. The DJI S900 is equipped with six main rotors; driven by Lithium Polymer battery powered electric motors. The DJI S900 that will be operated by ALON SICHERMAN will be registered in accordance with 49 U.S.C. 44103, Registration of Aircraft, as well as 14 C.F.R Part 47, Aircraft Registration, and marked in accordance with 14 C.F.R. Part 45, Identification and Registration Marking.

DJI S1000

The DJI S1000 is a vertical takeoff and landing (VTOL) Unmanned Aircraft (UA) with a Ground Control Station (GCS) utilizing electronic remote control systems. The DJI S1000 has a maximum gross weight of approximately 25 pounds, while having a length of 41 inches width of 41 inches, height of 14 inches, and a maximum speed of approximately 39 knots. The DJI S1000 is equipped with eight main rotors; driven by Lithium Polymer battery powered electric motors.

Tayzu Titan X8

The Tayzu Titan X8 is a vertical takeoff and landing (VTOL) Unmanned Aircraft (UA) with a Ground Control Station (GCS) utilizing electronic remote control systems. The Tayzu Titan X8 has a maximum gross weight of approximately 43 pounds, while having a length of 44 inches

width of 44 inches, height of 22 inches, and a maximum speed of approximately 30 knots. The Tayzu Titan X8 is equipped with eight main rotors; driven by Lithium Polymer battery powered electric motors.

Freefly Alta

The Freefly Alta is a vertical takeoff and landing (VTOL) Unmanned Aircraft (UA) with a Ground Control Station (GCS) utilizing electronic remote control systems. The Freefly Alta has a maximum gross weight of approximately 25 pounds, while having a length of 39 inches width of 39 inches, height of 18 inches, and a maximum speed of approximately 30 knots. The Tayzu Titan X8 is equipped with eight main rotors; driven by Lithium Polymer battery powered electric motors.