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

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

June 4, 2015

Exemption No. 11335A
Regulatory Docket No. FAA–2014-1106

Mr. Marc Asselin
Founder and President
Voler, Inc.
3825 Majestic Palm Way
Delray Beach, FL 33445

Dear Mr. Asselin:

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 letter posted to the public docket on April 23, 2015, you petitioned the Federal Aviation Administration (FAA) on behalf of Voler, Inc. (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 3D Robotics Solo, DJI Phantom 3, and DJI Phantom 2.

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 is 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. 11335 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. 11335 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 3D Robotics X8, 3D Robotics Solo, DJI Phantom 3, and DJI Phantom 2 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,

John S. Duncan
Director, Flight Standards Service

U.S. Department of Transportation
Docket Management System
1200 New Jersey Ave. SE
Washington DC 20590

Dear sir or madam,

Enclosed please find additional requested aircraft for the currently approved Voler FAA Exemptions 11335.

Voler plans to use the 3D Robotics X8 rotorcraft (already approved in our exemptions), 3D Robotics Solo, DJI Phantom 3, and DJI Phantom 2. Below you will find specifications for each craft.

3D Robotics X8 (already approved in our exemptions)

http://3drobotics.com/x8/

Specs for the 3D Robotics X8:

- **X8 format including 8 propellers (4 above, 4 below).**
- **Vehicle Dimensions: 13.7 in x 20.1 in x 11.8 in (35 cm x 51 cm x 20 cm)**
- **Payload Capacity: 800 g (1.7 lbs).**
- **Vehicle Weight with Battery: 2.56 kg (5.6 lbs)**
- **Maximum Estimated Flight Time: 15 min**

3D Robotics Solo

http://3drobotics.com/solo/

Specs for the 3D Robotics Solo:

Flight time: up to 25 min without payload, or up to 20 min with GoPro and Solo Gimbal

Controller battery life of up to 4 hours; built-in rechargeable battery (8 hours with optional extended battery)

Weight: 1500 g; 1800 g with Solo Gimbal and GoPro

DJI Phantom 3

http://www.dji.com/product/phantom-3

Specs for the DJI Phantom 3:

- Weight (Including Battery and Propellers) - 1280 g (2.8 lbs)
- Diagonal Size (Including Propellers) - 590 mm
- Max Flight Time: Approximately 23 minutes

Specs for the DJI Phantom 2:

http://www.dji.com/product/phantom-2

PHANTOM 2 Weight (w Battery)	1000g
Hover Accuracy (Ready to Fly)	Vertical：± 0.8m； Horizontal：± 2.5m
Max Yaw Angular Velocity	200°/s
Max Tilt Angle	35°
Max Ascent / Descent Speed	6m/s
Max Flight Speed	15m/s(Not Recommended)
Diagonal Length	350mm
Power Consumption	5.6W
Flight Time	25mins
Take-off Weight	1.3kg MAX
Operating Temperature	-10°C ~ 50°C
Supported Battery	DJI Intelligent Battery

Please let me know if you require any other information.

Best Regards,

Marc Asselin