



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

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

February 18, 2016

Exemption No. 11442A  
Regulatory Docket No. FAA-2015-0218

Mr. David A. Culler, Jr.  
CEO  
Hazon Solutions  
545 Birdneck Road, Suite 201-B  
Virginia Beach, VA 23454

Dear Mr. Culler, Jr.:

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 dated October 27, 2015, you petitioned the Federal Aviation Administration (FAA) on behalf of Hazon Solutions (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 X8+, Aerialtronics Zenith ATX8, AeroVironment Qube, AeroVironment Shrike, Aeryon SkyRanger, Ascending Technologies Falcon 8, Blade 350 QX3, DJI Inspire 1, DraganFlyer Guardian, DraganFlyer X4ES, DraganFlyer X6, FlyAbility Gimball, Formica X4, Formica X8, Lockheed Martin Indago, MicroUAV HAZON Hex, Sealed Bubble X8, SenseFly Exom, Tayzu Robotics Titan X8, UAV America Mule Quad, and UAV Solutions Phoenix 60<sup>1</sup>.

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.

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<sup>1</sup> The petitioner also requested authority to revise Condition 26 to operate within 500 feet of non-participating persons, vessels, vehicles, and structures. At this time, the FAA is unable to authorize UAS operations within 500 feet until a further assessment is completed. When the FAA completes its review, we will proceed accordingly and no further action will be required by the petitioner.

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. 11442 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. 11442 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 DJI Phantom 2, DJI S1000+, and DraganFlyer X4-ES, 3D Robotics X8+, Aerialtronics Zenith ATX8, AeroVironment Qube, AeroVironment Shrike, Aeyron SkyRanger, Ascending Technologies Falcon 8, Blade 350 QX3, DJI Inspire 1, DraganFlyer Guardian, DraganFlyer X4ES, DraganFlyer X6, FlyAbility Gimball, Formica X4, Formica X8, Lockheed Martin Indago, MicroUAV HAZON Hex, Sealed Bubble X8, SenseFly Exom, Tayzu Robotics Titan X8, UAV America Mule Quad, and UAV Solutions Phoenix 60 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