



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

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

APR 28 2017

Mr. Andy Leimer
Federal Communication Commission
7435 Oakland Mills Road
Columbia, MD 21046

Dear Mr. Leimer:

The Federal Aviation Administration (FAA) has reviewed the Federal Communications Commission (FCC) Notification of Authorization Request from Sagetech Corporation, dated 14 April 2017, for the Sagetech XP Transponder model numbers XPC-TR, XPS-TR, and XPG-TR intended to be marketed to the Unmanned Aircraft System (UAS) and general aviation user-community operating in the United States, with FCC Grantee Code of YT5. The FAA Spectrum Engineering Services Group has no objection to a grant of the equipment certification by the FCC.

The applicant should be aware of:

- 1) The use of Mode S radios will be authorized for use on UAS that operate above 500 feet AGL in compliance with existing Title 14 Code of Federal Regulations Part 91 operations as modified for UAS. Use of this equipment for operation below 500 feet AGL is not authorized, except under special circumstances with specific written coordination from the FAA to the operator.
- 2) If the FAA determines that the aircraft requires certification due to its operational risks, then the equipment will need to either be certified via the FAA Type Certification process or the Technical Standards Order (TSO) process. For equipment intended to be installed on many different aircraft, the TSO process is more efficient. Both processes are similar; they both require an FAA production and design approval.

If you require any additional information, please contact Ms. Annette Allender, Electronics Engineer, Spectrum Planning and International Team, at (202) 267-3893 or via e-mail Annette.allender@faa.gov.

Sincerely,

Michael Richmond
Acting Manager, Spectrum Planning
and International Team

cc:

David Day
david.day@sagetech.com