



08 September 2017

Federal Aviation Administration
Office of Spectrum Policy and Management, ASR-1
800 Independence Ave SW
Washington, DC 20591

RE: Notification of Application for FCC Equipment Certification
FCC ID: **2ANAE-UC10X**

To whom it may concern:

In accordance with [47 CFR §87.147\(d\)](#), the purpose of this letter is to notify the FAA the intent of *Urban Canyon Flight Inc* to file for FCC Equipment Certification for the UC10x Family of Transponders, which includes model numbers UC100, UC101, UC102, and UC103, intended for small commercial UAS.

The models are similar in design with identical transmitter topology, operating on 1090 MHz with emissions designator 14M0M1D per [47 CFR §87.137](#).

UC100 is a Traffic Awareness Beacon System (TABS) device, designed to meet **TSO-C199 Class A**.

UC101 is an ATCRBS Transponder, designed to meet **TSO-C74d Class 1A**.

UC102 is an ATCRBS Transponder with ADS-B Out, designed to meet **TSO-C74d Class 1A** and **TSO-C166b Class B0 (DF=18)**.

UC103 is an ATCRBS / Mode S Transponder with ADS-B Out, designed to meet **TSO-C112e Class 2A** and **TSO-C166b Class B1S (DF=17)**.

Thank you in advance for your time.

Sincerely,

Canyon D. Peckham, P.E.

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