

Registration Description for UP Aerospace:

UP Aerospace Inc. is requesting an experimental license to conduct ground testing of telemetry equipment for sounding rocket pre-launch systems integration testing. Between six and twelve integration test sessions are anticipated in 2025 and 2026. An integration test session is typically two days in duration, with intermittent telemetry operations during regular business hours.

Pre-launch system integration ground testing includes powering on the telemetry transmitter along with all other avionics and payload systems to verify interoperability. These tests would be performed at our Highlands Ranch, CO facility. Open air testing, as opposed to testing in an anechoic chamber, is necessary to evaluate real world non-simulated issues between telemetry, GPS/GNSS, ADS-B, radar transponders, etc.

UP Aerospace has a contract with (LANL) Los Alamos National Lab for projects that will be testing government experimental payloads.

UP Aerospace has a contract with AWE (Atomic Weapons Establishment) from the United Kingdom to test government experimental payloads.