

Description of Proposed Operations-Spaceport America New Mexico

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 per year. 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 Spaceport America facility in Truth or Consequences NM. 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 Nation Lab and NASA for projects that will be testing government experimental payloads.