

Narrative statement for Item #7 of the FCC Experimental License Application

Purpose of GPS Repeater License by Raytheon Blackbird Technologies, Inc.

FRN: 0028551521

Located at 13900 Lincoln Park Drive, Herndon, VA 20171.

As we (Raytheon Blackbird Technologies, Inc.) design, develop & manufacture small tactical Tagging, Tracking & Locating, (TTL) devices for use by several US Agencies and the Military. The equipment utilizes information from the GPS Satellite System received by an internal GPS receiver to accurately determine the device's location. We are required to perform complete operational test of the equipment during development and before any delivery to an agency or customer. As an aid to performing these tests during inclement weather, we require an internal, (inside the building) GPS repeater system. Performing these test for "Compliance of Operation" outdoors during severe weather conditions dramatically increases the likelihood of damage to our devices, reduces accuracy of results and increases time and cost to produce and test the devices.