

Raytheon Company
Network Centric Systems
Attn: Jesse Ellisor
5959 Spring Bow
San Antonio, TX 78247

November 6, 2009

Federal Communications Commission
Attn: Universal Licensing System
445 12th Street SW
Washington, DC 20554

Subject: Application for Special Temporary Authorization, Nr. 0539-EX-ST-2009

Purpose of Operation. Raytheon requests a STA in support of Factory Acceptance Testing for Electronic Scan Antennas at Towson, MD, and Largo, FL. The STA will enable Raytheon to meet the requirements of Department of the Navy's Zumwalt Program Contract Number N00024-05-C5346, as well as Department of the Air Force's F-15 Program Contract Number PO 226262 (Raytheon is subcontractor to Boeing).

Explanation. Raytheon will be conducting evaluation and Factory Acceptance Testing (FAT) for deliverable IFF electronic Scan Antennas, ensuring through the FAT process that new antennas are capable of performing to specifications outlined in the contract. Evaluation and FAT testing will include antenna pattern and antenna gain measurements.

FAA Coordination. Four frequencies have been coordinated with HQ FAA - two for Towson and two for Largo. The coordination specifics are as follows:

Towson, MD – 1200 MHz and 1137 MHz / NG T100008 Coordination Note
Largo, FL -- 1060 MHz and 997 MHz / NG T090414 Coordination Note.

Your favorable and expeditious response to this STA request would be greatly appreciated.

Jesse Ellisor
Spectrum Manager
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