

1 August 2002

Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

Reference: File 0181-EX-PL-2002

Gentlemen:

The purpose of this letter/attachment is to describe the purpose for requesting this experimental license.

On April 9, 1999, Raytheon entered into a Government / Industry Partnership (GIP) agreement with the Federal Aviation Administration (FAA) to develop the Local Area Augmentation System (LAAS). The FAA agreement reference number is DFTA01-99-A-00010. The LAAS, when fully developed, will provide differential GPS based precision approach guidance to aircraft during the final approach and landing phase. Under the GIP concept, Raytheon is leading a team comprised of airports, airlines and avionics suppliers to develop and test the LAAS.

In mid 2000, Raytheon established a LAAS test site at the Salt Lake City International Airport. We applied for and were issued an FCC Experimental license in November 2000, call sign WA2XYT, file 0031-EX-ML-2000. We also submitted to the FAA in August 2000 a form 7460-1, Notice of Proposed Construction or Alteration, and received FAA approval in October 2000 (Case 00-DEN-174-NRA). Copies of these items are provided as additional attachments to this application. The equipment has been operated at this site intermittently from March 2001 through March 2002. It has been verified to cause no adverse interference to the operation of other airport navigation or communications equipment. Flight testing has been conducted with FedEx Express, Boeing, and a King Air operated by Ohio University.

Additional testing is planned at this location over the next two years under the above GIP agreement. Unfortunately, the previously issued FCC license (WA2XYT) expired on July 1, 2002 and we neglected to file a request for renewal prior to that date. Therefore, the purpose of this request is to obtain a new license to allow resumption of our test program. No changes in location, power, frequency or emission types from the previously granted license are being requested so we are hopeful this will expedite the approval process.

Please advise if any additional information is required to complete processing.

Best Regards,



Tim Katanik
Manager, Navigation and Landing Systems
Raytheon Company