

Rockwell Collins Inc.  
Washington Office  
1300 Wilson Boulevard, Suite 200  
Arlington, VA 22209

July 19, 2006

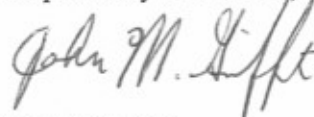
Federal Communications Commission  
Office of Engineering and Technology  
445 12th Street, SW  
Washington, DC 20554

RE: Application for HF Experimental License

Gentlemen:

Rockwell Collins hereby submits the attached application for an experimental license. This license, if granted, will be used to support the development of software and test of software for the High Frequency Data Link (HF DL) function of the HFS-900D HF Receiver/Transmitter (Transceiver). In particular, the license would be used to communicate on various HF frequencies with HF DL ground stations owned by Aviation Spectrum Resources Inc. Aviation Spectrum Resources Inc. has received FCC licenses (Call Signs WLK7, KNK9, WKF5, and KWC4) to operate these stations and has granted us permission to use the frequencies for HF data link testing. We request that the license be granted for a 5 year term because the experiment will not be completed within 2 years. We are providing three attachments (Attachment 1- Narrative Statement of Proposed Experiment, Attachment 2 – Aviation Spectrum Resources Inc. Letter, and Attachment 3 – Antenna Information). If you have any questions, please feel free to contact me.

Respectfully submitted,



John M. Giff  
Manager, Governmental & Regulatory Affairs  
703.516.8213

Attachments (3)