



Washington Office
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March 6, 2006

Federal Communications Commission
Equipment Approval Services
P.O. Box 358315
Pittsburgh, PA 15251-5315

Application Filed With Elite Electronics Engineering, Inc. (a FCC approved Telecommunication Certification Body)

Re: Equipment Authorization Under Part 87
VHF-4100E Extended Range Communications Transceiver
FCC ID: AJL8222170

Gentlemen:

Rockwell Collins, Inc. (Rockwell Collins) hereby submits an Application for Equipment Authorization for the **VHF-4100E Extended Range Communications Transceiver (FCC ID: AJL8222170)**. Elite Electronics, Inc. (a Telecommunication Certification Body) will file the Application on behalf of Rockwell Collins.

The VHF-4100E is capable of transmitting on both 8.33 and 25 kHz spaced channels between 118-137 MHz and on 25 kHz spaced channels between 138-152 MHz. As provided in Part 87.137(a) footnote 17, Rockwell Collins, as an avionics manufacturer, seeks certification for the capability only and not for permission to operate within the U.S. National Airspace System on 8.33 kHz spaced channels. Additionally, within the 138-152 MHz band the VHF-4100E will transmit only at 138-144 MHz, 148-149.9 MHz, and 150.5-150.8 MHz as permitted by FCC Part 87.147(f).

One complete set of documents covering the VHF-4100E, including a detailed product description and test data, is submitted as part of the Application. Rockwell Collins is sending another complete set of documents to the Federal Aviation Administration (FAA) pursuant to FCC Part 87.147(d). A copy of the transmittal letter to the FAA is enclosed as Exhibit 1.

Your early consideration of the Application is respectfully requested. Please direct all inquiries to Mr. John Giff of this office at 703.516.8213.

Respectfully submitted,

Linda C. Sadler
Director, Federal Affairs
703.516.8225

cc: Federal Aviation Administration, Office of Spectrum Policy and Management
Mary Little – Rockwell Collins, Inc.