



Wulfsberg Electronics Division
A Chelton Group Company

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FCC ID: FRWRT-5000

March 5, 2002

Authorization & Evaluation Division
Federal Communications Commission Laboratory
7435 Oakland Mills Road
Columbia, MD 21046

Subject: APPLICATION FOR CERTIFICATION OF TRANSCEIVER WITH FCC ID: FRWRT-5000

Ladies and Gentlemen:

Wulfsberg Electronics Division herein submits its application for Certification of the subject transceiver.

The RT-5000 is an AM/FM multi-band transceiver intended for aircraft use. Companion equipment is the C-5000 Communications Management Controller which provides frequency selection, display and audio routing. The C-5000 is operator programmable, complies with paragraphs 90.203(h) and 90.423, and therefore is limited under section 90 to operation on board aircraft. We seek certification to parts 74, 80, 87 and 90.

Because Form 173 does not have enough room for all of the emission designators and frequencies, the microprocessor column was used to fill in the additional emission designators for each frequency. Refer to the Operational Description exhibit for the complete list of frequencies and emission designators.

The RT-5000 was originally type accepted under FCC ID: FRW4WJRT-5000 on 01/26/93. This submission is for a redesigned RT-5000, which has a new option of adding one or two integrated transceiver modules that provide digital modulation to the APCO P25 standard.

Primary users of the RT-5000 are the law enforcement community and homeland defense. Some of these users have or are in the process of switching their communication systems over to the APCO P25 standard and they require compatible aircraft units as soon as possible. LAPD is currently using a work around solution for air to ground communications and they desperately need this radio certified. We are requesting expedited examination and passage of our application.

Enclosed is a complete application for Certification and report. Contact me at (928) 708-1543 or fax at (928) 541-7627 or by e-mail, if you require any additional information.

Sincerely,

/S/ **Mary Beaumont**
Principal RF Engineer
Email: mary.beaumont@wulfsberg.com