



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

800 Independence Ave., SW.  
Washington, DC 20591

MAR 17 2006

Mr. Andy Leimer  
Federal Communications Commission  
7435 Oakland Mills Road  
Columbia, MD 21046

Dear Mr. Leimer:

We have reviewed the Rockwell Collins letter dated March 06, 2006, regarding request for certification of the very high frequency (VHF) – 4100 Extended Range Communications Transceiver, ID - No. AJL8222118 that operates in the VHF band 118-137 MHz. The request is to increase capabilities, not operations, within the United States National Airspace System (NAS). Having completed the subject review, we have no objection to the Federal Communications Commission (FCC) granting certification for the capability increase, providing operations in 8.33 MHz mode will not be exercised within the NAS.

Rockwell Collins, as all applicants for FCC certification, should be aware that it is likely Global Navigation Satellite System (GNSS) receivers will be installed along with VHF transceivers on the same aircraft. It is also likely that without proper filtering of the VHF transceiver harmonic emissions there is a potential for interference to the GNSS receiver.

If you require any additional information, please contact Ms. Annette Allender, Spectrum Planning and International Office, at (202) 267-3893.

Sincerely,



Oscar Alvarez  
Acting Director

ATC Spectrum Engineering Services

cc:

Ms. Linda C. Sadler  
Director Federal Affairs  
Rockwell Collins  
1300 Wilson Boulevard, Suite 200  
Arlington, VA 22209-2307  
(703) 516-8293