



U.S. Department  
of Transportation  
Federal Aviation  
Administration

MAR 8 2006

800 Independence Ave., SW.  
Washington, DC 20591

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

Dear Mr. Leimer:

We have reviewed the Rockwell Collins letter dated February 10, 2006, regarding request for certification of the very high frequency (VHF) – 2100E Extended Range Communications Transceiver, ID - No. AJKPN8222168 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). Additional capabilities include 8.33 MHz channel spacing and capability to transmit within the 138-152 MHz band, exclusively on 138-144 MHz, 148-149 MHz, and 150.5-150.8 MHz. 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 and into the mentioned bands, will not be exercised within the NAS.

Rockwell Collins, as all applicants for FCC Certification, should be aware that it is likely that aircraft will employ Global Navigation Satellite System (GNSS) receivers along with VHF transceivers. It is also likely that without proper filtering, of the VHF transceiver harmonic emissions (as per (draft) TSO-C37e), there is a potential for interference to be caused by the VHF transceiver 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,

Michael G. Biggs  
Acting Manager  
Spectrum Planning and International Office

cc:

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