

November 22, 1994
4-7700-MTE-94-439

Federal Communication Commission
Attn: Mr. Frank Wright
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

Subject: Request for an Experimental Radio License

Dear Mr. Wright:

The Boeing Company is receiving requests from our airline customers to install, test and certify a Terrestrial Flight Telephone System (TFTS) which is being developed for the usage of the airborne passenger in Europe. Similar to the North American Telephone System, the Terrestrial telephone system communicates with ground stations spaced approximately 240 km (150 miles) apart and operates within the frequencies of 1670 - 1675 MHz (ground to air) and 1800 - 1805 MHz (air to ground). The TFTS air station equipment was developed in accordance with ARINC 752 and the European Telecommunication Standard (ETS 300-326).

The test system will be mounted on a mobile trailer and consist of a Modem Processor Unit, Transmitter - Receiver Unit, Diplexer and a L-Band antenna. The unit will be used to certify the telephone equipment mounted in the aircraft located on the ground at six airfields in Washington.

Should you have any questions or need additional information, please contact Michael Eastman at (206) 657-6715 or FAX (206) 657-6900.


T. J. Lange
Frequency Manager

Enclosures:
Check No. 1432856
FCC Form 442
FCC Form 159

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