

A

Aeronautical Radio Inc.
2551 Riva Road
Annapolis, MD 21401 USA

January 29, 2002

Federal Communications Commission
Office of Engineering and Technology
445 12th Street SW
Washington, DC 20554

Dear Sir or Madam:

Aeronautical Radio Inc. (ARINC) respectfully requests a Special Temporary Authority (STA) for a period of one year from the date of issue in order to allow ARINC conduct testing at our Annapolis, MD headquarters.

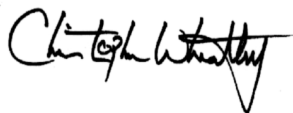
Specifically, ARINC is seeking to send and receive broadcasts using an INMARSAT-C terminal/avionics to develop and test our software's ability to communicate with this device. This equipment is a set of Honeywell avionics, manufactured by Thrane & Thrane, that are capable of transmitting and receiving satellite signals at 1626.5-1646.5Mhz (transmit) and 1530.0-1545.0Mhz (receive). ARINC has conducted a review of the FCC online equipment authorization database and cannot find this equipment in your listing. It is believed however, that this equipment is in use throughout the world in the INMARSAT-C band.

For your information, I have included as a separate attachment a specification sheet from the manufacturer. In addition, you may visit their website at <http://www.tt.dk/products/aero/TT-3024A.asp> to learn more about the TT-3024A Inmarsat-C Aeronautical Capsat radio transceiver.

ARINC is seeking this STA in order to allow ARINC to begin testing as soon as possible. The testing that ARINC is conducting will eventually help establish an interface to contain safety-related communications for the aviation community over trans-oceanic routes.

If you should have any questions regarding this request, please feel free to contact me at telephone number 410-266-4142, fax number 410-266-2047, or at e-mail address ccw@arinc.com.

Best Regards,



Christopher Wheatley
Aeronautical Radio Inc.
Frequency Management