



ROHDE & SCHWARZ

ROHDE & SCHWARZ, INC.

4425 Nicole Drive, Lanham, MD 20706-4352

Phone: 301 459-8800 Fax: 301 459-2810

April 7, 1999

Spectrum Engineering Division
Federal Aviation Agency
800 Independence Avenue SW
Washington, DC 20591

Subject: FCC filing of Certification Application for a VHF transmitter and receiver

Dear Sir/Madam:

Please be advised that Rohde & Schwarz has filed with the FCC for certification of the SU221 VHF transmitter, EU231 VHF receiver and the combination of these items the XU221 transceiver. This equipment is for transmission and/or reception in the VHF ATC band of 118 to 136.975 MHz. The Rohde & Schwarz equipment can also operate up to 144 MHz. A data sheet for the single channel Series 200 equipment is attached. The testing was performed by KTL Ottawa Inc.

The main characteristics are:

SU221 Transmitter; Equipment code KVV60439043

Frequency	118 to 144 MHz
Channel spacing	25 kHz
Frequency error	less than 1 ppm, 0 to 40 degrees C
Modulation	AM (A3E)
Output power SU221	25 W into 50 ohms RF carrier power

EU231 Receiver, Equipment code KVV60431942

Frequency	118 to 144 MHz
Channel spacing	25 kHz
Frequency error	less than 1 ppm, 0 to 40 degrees C
Modulation	AM (A3E)

The **XU221 Transceiver** is the combination of these two items in one chassis. No particular antenna is specified for use with these units. The equipment is in production (COTS) and has been installed for ATC use in many countries. If there are any questions, please contact me.

Sincerely

Peter H. Foulger
Vice-President Sales
peter.foulger@rsd.rsd.de

cc: T. Tidwell, KTL Ottawa Inc.