



270 COMMERCE DR., Suite 200, FORT WASHINGTON PA 19034 (215)-643-2900 FAX (215)-643-2498

July 3, 2002

FAA, Spectrum Engineering Division
800 Independence Ave. SW.
Washington, DC 20591

Dear Sir,

The intent of this letter is to advise your agency that Narco Avionics Inc.
Is applying for FCC certification of the Type AT155 Transponder Equipment.

Listed below is the information required by your agency:

Manufacturer:	Narco Avionics Inc. 270 Commerce Drive Fort Washington, Pa 19034
Type Number:	AT155
FCC ID:	A9SAT155
Antenna Characteristics:	Rod type antenna which is $\frac{1}{4}$ wave length at 1090Mhz.
Rated Power out:	125 watts minimum at antenna end of transmission line.
Transmitter Frequency:	1090Mhz
Type and Character of Emission:	Pulse type modulation. FCC designation – M1D
Transmitter Occupied Bandwidth:	14Mhz (99% of radiated power)
Receiver Characteristics:	Receiver center frequency 1030Mhz. Bandwidth at 60db points ± 25 Mhz

Purpose:

The AT155 transponder is used for receiving ATC interrogations and replying to same, both for aircraft identification and altitude data.

The AT155 will be TSO'd. The application for TSO will be filed with the NYACO.

Very Truly Yours,

A handwritten signature in cursive script that reads "Martin Lockner".

Martin Lockner
Manager, Engineering
mlockner@narcoavionics.com