

# VAL AVIONICS LIMITED

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August 24, 1998

FAA, Spectrum Engineering Division  
800 Independence Avenue SW  
Washington, DC 20591

Reference: Code of Federal Regulations Title 47 Telecommunication,  
Section 87.147(d)

Subject: Notification of filing Type Acceptance Application to FCC.

Gentleperson,

I hereby submit notification of Type Acceptance Application for our AWOS 760 VHF transmitter made with the FCC in accordance with Code of Federal Regulations, Title 47, Section 87.147(d).

This pending application was filed under FCC ID: EZN5PRAWOS760

The “AWOS 760” communication transmitter is a device specifically designed for installation as a component part for existing Automated Weather Observing Systems (AWOS); and to conform to FAA Advisory Circular 150/5220-16B.

The “AWOS 760” VHF transmitter relative data is shown listed below:

|                            |   |
|----------------------------|---|
| Manufacturers Model Number | AWOS 760  |
| Part Number                | 803000  |
| Frequency Range            | 118.000 to 136.975 MHz  |
| Channel Spacing            | 25 kHz  |
| Frequency Stability        | .001%   |
| Spurious Emissions         | Greater than 80 dB down from carrier  |
| Modulation                 | Adjustable (70 to 90% Typical)  |
| Temperature Range          | -30 to +60 Degrees Celsius  |
| Transmit Power             | 2.5 watts   |
| Antenna Characteristics    | 50 Ohm, Vhf, Broadband Type   |
| Emission Type              | 6K00A3E   |
| Duty Cycle                 | 100%  |
| Design                     | All Solid State, Printed Circuit Board & Point to Point Wiring                                  |
| Mounting                   | Rigid Mounting, No Shock Mounting Required  |
| Physical Dimensions        | Width: 6.00 inches (15.24 cm)<br>Height: 1.9 inches (4.83 cm)<br>Length: 11.0 inches (27.94 cm) |
| Weight                     | 5.0 Lbs. (2.27kg)   |
| Voltage                    | 12.0 Vdc  |
| Current                    | Standby 200 mA<br>Transmit 1.5A   |

Sincerely,

Robie A. Furlong, President

Copy to: FCC