

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) Height: 1.9 inches (4.83 cm) Length: 11.0 inches (27.94 cm)
Weight	5.0 Lbs. (2.27kg)
Voltage	12.0 Vdc
Current	Standby 200 mA Transmit 1.5A

Sincerely,

Robie A. Furlong, President

Copy to: FCC