

VAL AVIONICS LIMITED

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August 27, 1998

Federal Communication Commission
OET [oetech@fccsun07w.fcc.gov]
Attention: Mr. Bill Inglis

Re: FCC ID: EZN5PRAWOS760 [Correspondence ID: 2882]
731 Confirmation Number: EA90045

Subject: Your email of Friday, August 21, 1998.

To show compliance with Sections 2.983 through 2.995, we submit the following:

SECTION	TITLE	COMMENTS
2.983	Application for Type Acceptance	Change 2 to 2.5 to correct typographical error
2.985	RF Power Output	Refer to Chapter 6, page 28 and 29
2.987	Modulation Characteristics	Refer to Chapter 6, page 31
2.989	Occupied Bandwidth	Refer to Chapter 6, page 30
2.991	Spurious Emissions at Antenna Terminals	Refer to Chapter 6, page 28 and 29
2.993	Field Strength of Spurious Radiation	Refer to Chapter 6, page 32 and 33
2.995	Frequency Stability	Refer to Chapter 6, page 34 and 35

Please remove and replace Chapter 6 Test and Diagrams with Chapter 6 Test and Diagrams, Revision 1. All changes and revisions regarding Testing and compliance were made in this chapter. See Revision History Page 37.

Please remove and replace Chapter 1 General Information with Chapter 1 General Information, Revision 1. Additional information was added to the Specifications and Installation sections. See Revision History Page 37.

It was further stated in your correspondence, that we indicated the transmitter can be operated at a reduced power and that no mention of testing at the lower power levels were made.

The AWOS 760 has been designed as a component part of an **Automated Weather Observation System**. The design characteristics are such to comply with FAA Advisory Circular 150/5220-16B. As a result the AWOS 760 has been designed and tested with a 2.5 watt output. The only adjustment of the output power is provided by potentiometer R419 which allows for final fine-tuning of the transmit power across the spectrum of operation. The full range of adjustment is approximately +/- 1 watt. At no time is it intended to operate the AWOS 760 outside of the appropriate tolerance for the output power of 2.5 watts.

After careful review of the material submitted with our application 731 [Confirmation Number: EA90045] we cannot find any reference pertaining to the operation of the AWOS 760 with a transmit power output of greater than or less than 2.5 watts. Also, it is noted that all testing has been performed with the tolerance of this power level.

We have submitted a letter to FAA pursuant to Section 87.147(d) of the Rules. A courtesy copy of the letter dated and mailed on August 24, 1998 is shown as an attachment.

Sincerely,

Jim Harr, Chief Engineer