Minimum Performance Standards Airborne Omega Receiving Equipment

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MINIMUM PERFORMANCE STANDARDS - AIRBORNE OMEGA RECEIVING EQUIPMENT

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I N T R O D U C T I O N

This Document sets forth Minimum Performance Standards for Airborne Omega Receiving Equipment. Incorporated within these Standards are system characteristics that the Special Committee felt would be useful to users of the system as well as designers and manufacturers.

Compliance with these standards by manufacturers and users is recommended as a means of assuring that the equipment will satisfactorily perform its intended function under all conditions normally encountered in routine aeronautical operations.

In any application of these minimum performance standards, due allowance should be made, where necessary, for equipments in current use which do not fully meet the standards contained herein.

It is recognized that any regulatory application of these standards is the responsibility of governmental agencies.

Inasmuch as the measured values of radio equipment performance characteristics may be a function of the method of measurement, standard test conditions and methods of test are also recommended in the Document.

The word "equipment" as used in this Document includes all of the components or units necessary (as determined by the equipment manufacturer) for the equipment to properly perform its intended function. For example, Omega Receiving "equipment" may include an antenna, a receiver unit, a control box, a power supply, a shock mount, etc. In the case of this example, all of the foregoing components or units comprise the "equipment". It should not be inferred from this example, however, that every receiving equipment will necessarily include all of the foregoing components. This will depend on the design used by the equipment manufacturer.