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User Guide
Supplement to DO-160G

RTCA DO-357
December 16, 2014

Prepared by: SC-135

FOREWORD

This document was prepared by Special Committee 135 (SC-135) and was approved by the RTCA Program Management Committee (PMC) on December 16, 2014.

RTCA, Incorporated is a not-for-profit corporation formed to advance the art and science of aviation and aviation electronic systems for the benefit of the public. The organization functions as a Federal Advisory Committee and develops consensus-based recommendations on contemporary aviation issues. RTCA's objectives include but are not limited to:

- coalescing aviation system user and provider technical requirements in a manner that helps government and industry meet their mutual objectives and responsibilities;

- analyzing and recommending solutions to the system technical issues that aviation faces as it continues to pursue increased safety, system capacity and efficiency;

- developing consensus on the application of pertinent technology to fulfill user and provider requirements, including development of minimum operational performance standards for electronic systems and equipment that support aviation; and

- assisting in developing the appropriate technical material upon which positions for the International Civil Aviation Organization and the International Telecommunications Union and other appropriate international organizations can be based.

The organization's recommendations are often used as the basis for government and private sector decisions as well as the foundation for many Federal Aviation Administration Technical Standard Orders.

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Purpose and Applicability

The purpose of this document is to provide users of DO-160G additional background information for the associated test procedures and requirements in DO-160G. This information includes rationale for requirements, guidance in applying the requirements, commentary, possible trouble shooting techniques, and lessons learned from laboratory experience. This User Guide is provided for guidance purposes and does not contain requirements. This information is intended to help users understand the objective and rationale behind the requirements, and to help users develop detailed test procedures based on the general test procedures in this document. It is highly recommended that detailed discussion will take place between the equipment manufacturer and the equipment installer during the development of the test plan.

Note that the User Guide subsections are numbered independently of the subsections in DO-160G.

DO-357 replaces the User Guides previously included in DO-160G.

DO-160G Change 1 has been published to remove all User Guides previously included in DO-160G.

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APPENDIX A - MEMBERSHIP

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