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CIVIL AERONAUTICS AUTHORITY MANU

05 GLIDER AIRWORTHINESS

June 1, 1940

INTRODUCTORY NOTE

This manual contains material intended to interpret and explain the glider airworthiness requirements specified in the Civil Air Regulations, Part 05, to suggest how the presentation of technical data required in connection with an application for an airworthiness rating may be simplified in order to expedite the checking thereof, and to present acceptable methods for showing compliance with the requirements.

CAAM 05.4 also contains considerable material regarding common practices of construction and fabrication which has been included primarily for the information of novice builders and designers, and, hence, should not be considered as the only satisfactory practices.

It should be understood that any method which can be shown to be the equivalent of one set forth in this manual will be equally acceptable to the Authority. Likewise, any interpretation herein shown to be inapplicable to a particular case will be suitably modified for such case on request. In either event, such acceptance or modified interpretation will be effective as and when issued prior to subsequent incorporation herein. This manual will be revised from time to time as equally acceptable methods, new interpretations, or the need for additional explanation are brought to the attention of the Authority.

In general, the material in this manual is so arranged for correspondence with the requirements that, e.g., CAAM 05.030 corresponds to CAR 05.030. However, most of the sections in CAAM 05.4 do not have corresponding numbers in CAR 05.4 because of the briefness of the requirements.

3. Test Report.

(See CAAM 05.34303.)

05.344 FLIGHT LOAD TESTS

Due, among other things, to the dangers involved, flight load tests are not recommended.

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