THE UNITED STATES OF AMERICA CIVIL AERONAUTICS AUTHORITY WASHINGTON, D. C.

At a session of the Civil Aeronautics Authority held at its office in Washington, D. C., on the 18th day of July , 1939.

Acting pursuant to the authority vested in it by the Civil Aeronautics Act of 1938, particularly sections 205 (a), 601 (a) and 608 of said Act, and finding that its action is desirable in the public interest and is necessary to carry out the provisions of, and to exercise and perform its powers and duties under said Act, the Civil Aeronautics Authority hereby amends the Civil Air Regulations as follows:

AMENDMENT NO. 19 OF THE CIVIL AIR REGU-LATIONS ELIMINATION OF THE USE OF OATHS ON DOCUMENTS REQUIRED BY THE CIVIL AIR REGULATIONS

Effective August 17, 1939, the Civil Air Regulations are amended as follows:

- 1. By amending section 01.440 to read as follows:
- "01.440 The manufacturer shall furnish with each air-craft or component a certified statement that the article in question has been manufactured in accordance with the authenticated data forming a part of said type certificate except for any deviations therefrom, which shall be listed and described. In the case of aircraft such statement shall also certify the weight empty."
- 2. By striking the phrase "his affidavit" in section 01.76 and inserting in lieu thereof the phrase "a certified statement."
 - 3. By amending section 04.0530 to read as follows:

"04.0530 Statement of conformity. The manufacturer shall present to a designated inspector of the Authority a certified statement of conformity, upon a form to be supplied by the Authority, in which his chief engineer or other responsible technical representative shall certify that the airplane submitted for type inspection has been manufactured in accordance with the latest technical data submitted to and approved by the Authority (including all revisions and additions required by the Authority in connection with authorization of the type inspection) except for any deviations therefrom, which shall be listed and described."

- 4. By striking the phrase "an affidavit" in section
 13.201 and inserting in lieu thereof the phrase "a certified statement."
 - 5. By amending section 13.205 to read as follows:
- "13.205 (f) A detailed certified report of a 10-hour flight test of the engine. This test shall include a climb at full throttle to 15,000 feet or to the service ceiling of the airplane. The report shall completely describe the test and the results thereof and shall include dates, the names of persons involved and particulars of the airplane. The engine used for this test may be the same engine as submitted for the endurance test or may be another engine of the same type."
- 6. By striking the word "sworn" in sections 13.4, 13.620 and 14.520 and inserting in lieu thereof the word "certified."
- 7. By amending section 14.203, as amended, to read as follows:
- "14.203 (d) A complete log certified to by the person making the test or signed by a witnessing inspector of the Authority, at the discretion of the Authority, describing the manufacturer's tests of the propeller in accordance with ss 14.21 or 14.22, as the case may be. The log shall include a detailed record of the test with dates; names of persons involved; name and model number of engine, or name, model number, and identification mark of the airplane issued by the Civil Aeronautics Authority; and hours of testing with corresponding

engine speeds. The report shall also include the results of a detailed inspection of the propeller after the test in accordance with ss 14.23."

- 8. By striking the phrase "supported by affidavit" in sections 15.1080, 15.1241 and 15.306 and inserting in lieu thereof the phrase "certified to."
 - 9. By amending section 18.7222 to read as follows:

"18.7222 Only structural parts approved by the Authority shall be used in making replacements in certificated engines, and the repair agency shall furnish the owner a certified statement showing that the parts used are approved. This statement shall be pasted in and shall become a part of the engine log book."

- 10. By striking the phrase "subscribed under oath" in sections 20.31, 21.21, 23.21, 25.21, 26.21, 27.21, and 50.21.
 - 11. By amending section 20.670 to read as follows:

"20.670 General. Every certificated pilot and every person receiving flying instruction shall keep an accurate record of his flying time in a log-book in which the entries with respect to solo flying time have been certified to by him and the entries with respect to dual instruction have been certified to by his certificated instructor. Log-books shall be bound records and the entries shall be accurate, legible, in ink or indelible pencil, and so arranged as to facilitate easy reference thereto."

12. By amending section 21.440 to read as follows:

"21.440 GENERAL. Every certificated airline transport pilot shall keep an accurate record of his flying time in a log-book in which the entries as to solo flying time have been certified to by him and the entries as to instruction have been certified to by his instructor. Log-books shall be bound records and the entries shall be accurate, legible, in ink or indelible pencil, and so arranged as to facilitate easy reference thereto."

- 13. By striking the phrase "subscribed under oath" in section 24.21, as amended.
- 14. By striking the phrase "under oath subscribed" in section 24.25 as amended, and inserting in lieu thereof the phrase "certified to."

By the Authority:

Al. Ajan

Paul J. Frizzell, Secretary.

(SEAL)