Regulations
Serial Number 42

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 12th day of September, 1939.

Acting pursuant to the authority vested in it by the Civil Aeronautics Act of 1938, particularly sections 205(a), 601(a) and 603 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:

Effective September 12, 1939, the Civil Air Regulations, as amended, are amended by striking out so much of section 04.70 as reads as follows:

> "All airplanes shall comply with the following performance requirements, in standard atmosphere, at all weights up to and including the standard weight (ss04.102), and under all loading conditions within the center of gravity range certified (ss04.742). There shall be no flight characteristics which, in the opinion of the Authority, render the airplane unairworthy."

and inserting in lieu thereof the following:

> "All airplanes shall comply with the following performance requirements, in standard atmosphere, at all weights up to and including the standard weight (ss04.102) and under all loading conditions within the center of gravity range certified (ss04.742): Provided, That demonstration of compliance with landing-speed requirements, and with those relating to take-off time and distance, may be limited to an intermediate range of center of gravity positions if it can be shown that it is possible for the airplane to continue flight with one engine inoperative, and that passengers or other load can be easily and rapidly shifted while in flight to permit the realization, at the pilot's discretion, of a center of gravity position within the range covered by this demonstration. There shall be no flight or handling characteristics which, in the opinion of the Authority, render the airplane unairworthy."

By the Authority:

/s/ Paul J. Frizzell
Paul J. Frizzell
Secretary.

(SEAL)