Regulations
Serial Number 19

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 13th day of June, 1939.

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

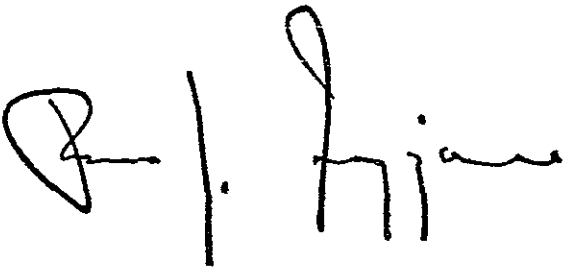
AMENDMENT NO. 14 OF THE CIVIL AIR REGULATIONS — ESTABLISHING NEW OIL CAPACITY REQUIREMENT FOR ENGINES OF SINGLE ENGINE AIRCRAFT

1. Section 04.630 of Part 04 of the Civil Air Regulations is amended so that the same will read as follows:

"04.630 General. Each engine shall have an independent oil supply. The oil capacity of the system shall be at least 1 gallon for every twenty gallons of fuel but shall not be less than 1 gallon for each 75 maximum (except take-off) rated horsepower of the engine or engines. A special ruling concerning the capacity will be made by the Authority when oil may be transferred between engines in flight or when a suitable reserve is provided. The suitability of the lubrication system shall be demonstrated in flight tests in which engine

temperature measurements are obtained. The system shall provide the engine with an ample quantity of oil at a temperature suitable for satisfactory engine operation."

By the Authority:



Paul J. Frizzell.
Secretary.

(SEAL)