U. S. DEPARTMENT OF COMMERCE

DANIEL C. ROPER, Secretary

BUREAU OF AIR COMMERCE

DENIS MULLIGAN, Director

CIVIL AIR REGULATIONS

98.—DEFINITIONS

As Amended to May 31, 1938

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CIVIL AIR REGULATIONS

Pursuant to the authority contained in the Air Commerce Act of 1926 (44 Stat. 568) as amended by the Act of February 28, 1929 (45 Stat. 1404), the Act of June 19, 1934 (48 Stat. 1113), the Act of June 19, 1934 (48 Stat. 1116), and Sections 11 and 12 of the Act of June 12, 1934 (48 Stat. 933, 937), the following Civil Air Regulations are hereby made, prescribed, and issued to be known as—

Part 00. Aircraft Registration Certificate.
Part 01. Aircraft Certificates.
Part 02. Aircraft Identification Mark.
Part 03. Aircraft Title Transfer.
Part 04. Airplane Airworthiness.
Part 13. Aircraft Engine Airworthiness.
Part 14. Aircraft Propeller Airworthiness.
Part 15. Aircraft Equipment Airworthiness.
Part 18. Repair and Alteration of Aircraft.
Part 20. Pilot Rating.
Part 21. Airline Pilot Rating.
Part 23. Ground Instructor Rating.
Part 24. Mechanic Rating.
Part 25. Parachute Rigger Rating.
Part 26. Airport Control Tower Operator Rating.
Part 27. Airline Dispatcher Rating.
Part 40. Scheduled Airline Certification (Interstate and Intra-Territorial).
Part 50. Flying School Rating.
Part 52. Aircraft Repair Station Rating.
Part 60. Air Traffic Rules.
Part 61. Scheduled Airline Rules (Interstate).
Part 90. Air Mail.
Part 91. Aircraft Accident Investigations.
Part 92. Hearings Upon Certificates (Issued, Renewed, Denied, Suspended or Revoked).
Part 93. Evidence.
Part 94. Penalties.
Part 95. Imposition, Remission and Mitigation of Penalties.
Part 96. Authorization to Act for the Secretary.
Part 98. Definitions.
Part 99. Mode of Citation of Regulations.

Any and all rules and regulations heretofore made, prescribed, and issued by the Secretary of Commerce pursuant to the authority first above stated are hereby repealed.

Approved May 31, 1938.

[SEAL]

DANIEL C. ROPER,
Secretary of Commerce.

PART 98.—DEFINITIONS

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98.0 Provision for issuance. Pursuant to the Air Commerce Act authorizing the Secretary of Commerce to issue certificates of registration, airworthiness and competency and such other certificates and regulations as the Secretary deems necessary in administering the Act, the following regulations are prescribed with reference to definitions.

98.1 Definitions. The following definitions, in addition to those in the Air Commerce Act (See Section 9) and those appearing elsewhere in Civil Air Regulations, shall be applicable to the terms so defined.

98.100 Secretary. Secretary, as used, except as otherwise specifically provided in the Civil Air Regulations, shall mean the Secretary of Commerce, or an officer or employee of the Department of Commerce designated by him in writing for the purpose specified in such designation.

98.101 Department. Department, as used, unless otherwise specified, shall mean Department of Commerce.

98.102 Director or Director of Air Commerce. Director or Director of Air Commerce, as used, unless otherwise specified, shall mean Director of the Bureau of Air Commerce of the Department of Commerce.

98.103 Bureau. Bureau, as used, unless otherwise specified, shall mean the Bureau of Air Commerce of the Department of Commerce.

98.104 Acrobatics. Evolutions voluntarily performed with an aircraft other than those required for normal flight.

98.105 Airline. An established sytem of aerial transportation, its equipment, or the company owning or operating it.

98.106 Airship. An aerostat provided with a propelling system and with means of controlling the direction of motion.

98.107 Amphibian. An airplane designed to rise from and alight on either land or water.

98.108 Balloon. An aerostat without a propelling system.

98.109 Beacon. A light, group of lights, or other signaling device, indicating a location or direction.

98.1090 Airport beacon. A beacon light of high candlepower located at or near an airport for the purpose of indicating the general or specific location of the airport.

98.1091 Airway beacon. A beacon light of high candlepower, other than an airport or landmark beacon, located on or near an airway for the purpose of indicating the location of an airway.

98.1092 Auxiliary airport beacon. A beacon light, usually of lower candlepower than the main airport beacon light, located on the airport site to indicate the specific location of an airport that has a separate airport beacon visible at a greater distance to indicate the general location of the airport.

98.1093 Auxiliary airway beacon. A beacon light, usually of lower candlepower than the principal airway beacon lights, used to mark special features of the terrain along an airway or otherwise to supplement the principal airway beacons.

98.1094 Code beacon. A flashing beacon light having a recognizable characteristic of dots and dashes by which its individual identity can be established.

98.1095 Landmark beacon. A beacon light, other than an airport beacon or an airway beacon, that serves to indicate a definite geographical location.

98.110 Ceiling. Ceiling is the distance from the cloud base to the ground.

98.1100 Absolute ceiling. The maximum height above sea level at which a given airplane would be able to maintain horizontal flights under standard air conditions.

98.1101 Service ceiling. The height above sea level under standard air conditions, at which a given airplane is unable to climb faster than a small specified rate (100 feet per minute in the United States and England). This specified rate may differ in different countries.

98.111 Controls. A general term applied to the means provided to enable the pilot to control the speed, direction of flight, altitude, power, etc. of an aircraft.

98.112 Landplane. An airplane designed to rise from and alight on the land.

98.113 Parachute. An umbrella-like device used to retard the descent of a falling body by offering resistance to its motion through the air.

98.114 Property. Property, as used, shall not include any personal belongings.

98.115 Radio range station. A radio transmitter supplying directive radio waves that provide a means of keeping an aircraft on its proper course.

98.116 Seaplane. An airplane designed to rise from and alight on the water. This includes both the boat and float types.

98.117 Solo flight. A person is engaged in solo flight when he is the sole operator of the controls and is in command of aircraft in flight.

98.118 Speed.

98.1180 Airspeed. The speed of an aircraft relative to the air.

98.1181 Ground speed. The horizontal component of the velocity of an aircraft relative to the ground.

98.1182 Landing speed. The minimum speed of an airplane at the instant of contact with the landing area in a normal landing.

98.1183 Minimum flying speed. The lowest steady speed that can be maintained, with any throttle setting whatsoever, by an airplane in level flight at an altitude above the ground greater than the span of the wings.

98.1184 Stalling speed. The speed of an airplane in steady flight at its maximum coefficient of lift.

98.119 Spin. A maneuver in which an airplane descends along a helical path of large pitch and small radius while flying at a mean angle of attack greater than the angle of attack at maximum lift.

98.120 Stall. The condition of an airfoil or airplane in which it is operating at an angle of attack greater than the angle of attack of maximum lift.

98.121 Visibility. The greatest distance toward the horizon at which conspicuous objects can be seen and identified.