U. S. DEPARTMENT OF COMMERCE
DANIEL C. ROPER, Secretary
BUREAU OF AIR COMMERCE
FRED D. FAGG, Jr., Director

CIVIL AIR REGULATIONS

98.—DEFINITIONS

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CIVIL AIR REGULATIONS

98.—DEFINITIONS

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, unless otherwise specified, shall mean Secretary of Commerce.

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 system 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.

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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/or 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.—Height of the lower level of a bank of clouds above 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—Radio Range Beacon.—A radio transmitter supplying directive radio waves that provide a means of keeping an aircraft on its proper course.

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

98.116—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.

98.117—Speed.

98.1170—AIRSPEED.—The speed of an aircraft relative to the air.

98.1171—GROUND SPEED.—The horizontal component of the velocity of an aircraft relative to the ground.

98.1172—LANDING SPEED.—The minimum speed of an airplane at the instant of contact with the landing area in a normal landing.

98.1173—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.

98.1174—STALLING SPEED.—The speed of an airplane in steady flight at its maximum coefficient of lift.

98.118—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.

98.119—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.

98.120—Visibility.—The greatest distance at which conspicuous objects can be seen and identified.

Any and all rules or regulations made, established, and issued by the Secretary of Commerce pursuant to law as are inconsistent with the provisions of the above specified civil air regulations are hereby repealed.

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