§ 121.357 Collision Avoidance Systems—Continued

If you operate any— Then you must operate that airplane with—

(ii) TCAS II that meets TSO C–119a (version 6.04A Enhanced) that was installed in that airplane before May 1, 2003. If that TCAS II version 6.04A Enhanced no longer can be repaired to TSO C–119a standards, it must be replaced with a TCAS II that meets TSO C–119b (version 7.0), or a later version.

(iii) A collision avoidance system equivalent to TSO C–119b (version 7.0), or a later version, capable of coordinating with units that meet TSO C–119a (version 6.04A Enhanced), or a later version.

(b) Passenger or combination cargo/passenger (combi) airplane that has a passenger seat configuration of 10–30 seats.

(1) TCAS I that meets TSO C–118, or a later version, or

(2) A collision avoidance system equivalent to TSO C–118, or a later version, or

(3) A collision avoidance system and Mode S transponder that meet paragraph (a)(1) of this section.

(c) Piston-powered airplane of more than 33,000 pounds maximum certificated takeoff weight.

(1) TCAS I that meets TSO C–118, or a later version, or

(2) A collision avoidance system equivalent to TSO C–118, or a later version, or

(3) A collision avoidance system and Mode S transponder that meet paragraph (a)(1) of this section.

§ 121.358 Low-altitude windshear system equipment requirements.

(a) Airplanes manufactured after January 2, 1991. No person may operate a turbine-powered airplane manufactured after January 2, 1991, unless it is equipped with either an approved airborne windshear warning and flight guidance system, an approved airborne detection and avoidance system, or an approved combination of these systems.

(b) Airplanes manufactured before January 3, 1991. Except as provided in paragraph (c) of this section, after January 2, 1991, no person may operate a turbine-powered airplane manufactured before January 3, 1991 unless it meets one of the following requirements as applicable.

(1) The makes/models/series listed below must be equipped with either an approved airborne windshear warning and flight guidance system, an approved airborne detection and avoidance system, or an approved combination of these systems:

(i) A–300–600;
(ii) A–310—all series;
(iii) A–320—all series;
(iv) B–737–300, 400, and 500 series;
(v) B–747–400;
(vi) B–757—all series;