§ 23.1559 Operating limitations placard.

(a) There must be a placard in clear view of the pilot stating—
   (1) That the airplane must be operated in accordance with the Airplane Flight Manual; and
   (2) The certification category of the airplane to which the placards apply.

(b) For airplanes certificated in more than one category, there must be a placard in clear view of the pilot stating that other limitations are contained in the Airplane Flight Manual.

(c) There must be a placard in clear view of the pilot that specifies the kind of operations to which the operation of the airplane is limited or from which it is prohibited under §23.1525.

(d) The placard(s) required by this section need not be lighted.

§ 23.1561 Safety equipment.

(a) Safety equipment must be plainly marked as to method of operation.

(b) Stowage provisions for required safety equipment must be marked for the benefit of occupants.

§ 23.1563 Airspeed placards.

There must be an airspeed placard in clear view of the pilot and as close as practicable to the airspeed indicator. This placard must list—

(a) The operating maneuvering speed, $V_O$; and

(b) The maximum landing gear operating speed $V_{LO}$.

(c) For reciprocating multiengine-powered airplanes of more than 6,000 pounds maximum weight, and turbine engine-powered airplanes, the maximum value of the minimum control speed, $V_{MC}$ (one-engine-inoperative) determined under §23.149(b).

(d) The airspeed placard(s) required by this section need not be lighted if the landing gear operating speed is indicated on the airspeed indicator or other lighted area such as the landing gear control and the airspeed indicator has features such as low speed awareness that provide ample warning prior to $V_{MC}$.

§ 23.1567 Flight maneuver placard.

(a) For normal category airplanes, there must be a placard in front of and in clear view of the pilot stating: “No acrobatic maneuvers, including spins, approved.”

(b) For utility category airplanes, there must be—

   (1) A placard in clear view of the pilot stating: “Acrobatic maneuvers are limited to the following”: (list approved maneuvers and the recommended entry speed for each); and

   (2) For those airplanes that do not meet the spin requirements for acrobatic category airplanes, an additional placard in clear view of the pilot stating: “Spins Prohibited.”

(c) For acrobatic category airplanes, there must be a placard in clear view of the pilot listing the approved acrobatic maneuvers and the recommended entry airspeed for each. If inverted flight maneuvers are not approved, the placard must bear a notation to this effect.

(d) For acrobatic category airplanes and utility category airplanes approved for spinning, there must be a placard in clear view of the pilot—

   (1) Listing the control actions for recovery from spinning maneuvers; and

   (2) Stating that recovery must be initiated when spiral characteristics appear, or after not more than six turns or not more than any greater number of turns for which the airplane has been certificated.
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(e) The placard(s) required by this section need not be lighted.


AIRPLANE FLIGHT MANUAL AND APPROVED MANUAL MATERIAL

§ 23.1581 General.

(a) Furnishing information. An Airplane Flight Manual must be furnished with each airplane, and it must contain the following:

1. Information required by §§ 23.1583 through 23.1589.

2. Other information that is necessary for safe operation because of design, operating, or handling characteristics.

3. Further information necessary to comply with the relevant operating rules.

(b) Approved information. (1) Except as provided in paragraph (b)(2) of this section, each part of the Airplane Flight Manual containing information prescribed in §§ 23.1583 through 23.1589 must be approved, segregated, identified and clearly distinguished from each unapproved part of that Airplane Flight Manual.

(2) The requirements of paragraph (b)(1) of this section do not apply to reciprocating engine-powered airplanes of 6,000 pounds or less maximum weight, if the following is met:

(i) Each part of the Airplane Flight Manual containing information prescribed in § 23.1583 must be limited to such information, and must be approved, identified, and clearly distinguished from each other part of the Airplane Flight Manual.

(ii) The requirements of paragraph (b)(1) of this section do not apply to reciprocating engine-powered airplanes of 6,000 pounds or less maximum weight, if the following is met:

(i) The maximum operating limit speed, $V_{MO}/M_{O}$ and a statement that this speed must not be deliberately exceeded in any regime of flight (climb, cruise or descent) unless a higher speed is authorized for flight test or pilot training;

(ii) If an airspeed limitation is based upon compressibility effects, a statement to this effect and information as to any symptoms, the probable behavior of the airplane, and the recommended recovery procedures; and

(iii) The airspeed limits must be shown in terms of $V_{MO}/M_{O}$ instead of $V_{NO}$ and $V_{NE}$.

(b) Powerplant limitations. The following information must be furnished: