

Federal Aviation Regulation

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▼ Sec. 25.1587

Part 25 AIRWORTHINESS STANDARDS: TRANSPORT CATEGORY AIRPLANES	
Subpart G--Operating Limitations and Information	Airplane Flight Manual

Sec. 25.1587

Performance information.

- (a) *Each airplane.* For each airplane, the Airplane Flight Manual must contain information to warn flight crewmembers against jettisoning fuel when any means (including flaps, slots, and slats) for changing the airflow across or around the wing are being used.
- (b) *Reciprocating engine powered airplanes.* For each reciprocating engine powered airplane, the Airplane Flight Manual must contain a summary of any pertinent performance data, including data necessary for the application of any operating rule of this chapter, together with descriptions of the conditions, such as airspeeds, under which these data were determined, and must contain--
- (1) The indicated airspeeds, corresponding to those determined for takeoff, and the procedures to be followed if a critical engine fails during takeoff;
 - (2) Instructions for use and adjustment of flap controls necessary to obtain the pertinent performance data specified in this paragraph;
 - (3) An explanation of significant or unusual flight or ground handling characteristics; and
 - (4) Operating correction factors that are determined under Sec. 25.61, and that are approved.
- (c) *Turbine engine powered airplanes.* For each turbine engine powered airplane, the Airplane Flight Manual must contain the performance information computed under the applicable provisions of this part (including Secs. 25.115, 25.123, and 25.125 for the weights, altitudes, temperatures, wind components, and runway gradients, as applicable) within the operational limits of the airplane, and must contain the following:
- (1) The conditions under which the performance information was obtained.
 - (2) The following performance information (determined by extrapolation and computed for the range of weights between the maximum landing and maximum takeoff weights):

- (i) Climb in the landing configuration.
- (ii) Climb in the approach configuration.
- (iii) Landing distance.
- (3) Procedures established under Sec. 25.101(c) that are related to the limitations and information required by Sec. 25.1533 and by this paragraph. These procedures must be in the form of guidance material, including any relevant limitations or information.
- (4) An explanation of significant or unusual flight or ground handling characteristics of the airplane.

▶ **Comments**

▼ **Document History**

Notice of Proposed Rulemaking Actions:

Notice of Proposed Rulemaking. Notice No. [64-28](#); Issued on 05/14/64.

Final Rule Actions:

Final Rule. Docket No. [5066](#); Issued on 11/03/64.