

Federal Aviation Administration, DOT

Pt. 23

safety equivalent to that provided by the TSO; and

(ii) The manufacturer has provided to the FAA one copy of the technical data required in the applicable performance standard through its State of Design.

(b) The FAA issues the letter of TSO design approval that lists any deviation granted under § 21.618.

[Doc. No. FAA-2006-25877, Amdt. 21-92, 74 FR 53392, Oct. 16, 2009, as amended by Amdt. 21-92A, 75 FR 9095, Mar. 1, 2010]

Subpart P—Special Federal Aviation Regulations

SOURCE: Docket No. FAA-2011-0186, Amdt. 21-92, 76 FR 12555, Mar. 8, 2011, unless otherwise noted.

§ 21.700 SFAR No. 111—Lavatory Oxygen Systems.

The requirements of § 121.1500 of this chapter also apply to this part.

PART 23—AIRWORTHINESS STANDARDS: NORMAL CATEGORY AIRPLANES

Sec.

- 23.1457 Cockpit voice recorders.
- 23.1459 Flight data recorders.
- 23.1529 Instructions for continued airworthiness.

Subpart A—General

- 23.2000 Applicability and definitions.
- 23.2005 Certification of normal category airplanes.
- 23.2010 Accepted means of compliance.

Subpart B—Flight

PERFORMANCE

- 23.2100 Weight and center of gravity.
- 23.2105 Performance data.
- 23.2110 Stall speed.
- 23.2115 Takeoff performance.
- 23.2120 Climb requirements.
- 23.2125 Climb information.
- 23.2130 Landing.

FLIGHT CHARACTERISTICS

- 23.2135 Controllability.
- 23.2140 Trim.
- 23.2145 Stability.
- 23.2150 Stall characteristics, stall warning, and spins.
- 23.2155 Ground and water handling characteristics.

- 23.2160 Vibration, buffeting, and high-speed characteristics.

- 23.2165 Performance and flight characteristics requirements for flight in icing conditions.

Subpart C—Structures

- 23.2200 Structural design envelope.
- 23.2205 Interaction of systems and structures.

STRUCTURAL LOADS

- 23.2210 Structural design loads.
- 23.2215 Flight load conditions.
- 23.2220 Ground and water load conditions.
- 23.2225 Component loading conditions.
- 23.2230 Limit and ultimate loads.

STRUCTURAL PERFORMANCE

- 23.2235 Structural strength.
- 23.2240 Structural durability.
- 23.2245 Aeroelasticity.

DESIGN

- 23.2250 Design and construction principles.
- 23.2255 Protection of structure.
- 23.2260 Materials and processes.
- 23.2265 Special factors of safety.

STRUCTURAL OCCUPANT PROTECTION

- 23.2270 Emergency conditions.

Subpart D—Design and Construction

- 23.2300 Flight control systems.
- 23.2305 Landing gear systems.
- 23.2310 Buoyancy for seaplanes and amphibians.

OCCUPANT SYSTEM DESIGN PROTECTION

- 23.2315 Means of egress and emergency exits.
- 23.2320 Occupant physical environment.

FIRE AND HIGH ENERGY PROTECTION

- 23.2325 Fire protection.
- 23.2330 Fire protection in designated fire zones and adjacent areas.
- 23.2335 Lightning protection.

Subpart E—Powerplant

- 23.2400 Powerplant installation.
- 23.2405 Automatic power or thrust control systems.
- 23.2410 Powerplant installation hazard assessment.
- 23.2415 Powerplant ice protection.
- 23.2420 Reversing systems.
- 23.2425 Powerplant operational characteristics.
- 23.2430 Fuel system.
- 23.2435 Powerplant induction and exhaust systems.
- 23.2440 Powerplant fire protection.