

Sec. 25.855 (as published 3/19/98 – refer to FAA’s Regulatory and Guidance Library for current regulations)

Cargo or baggage compartments.

For each cargo and baggage compartment not occupied by crew or passengers, the following apply:

- (a) The compartment must meet one of the class requirements of Sec. 25.857.
- (b) Class B through E cargo or baggage compartments, as defined in Sec. 25.857, must have a liner, and the liner must be separate from (but may be attached to) the airplane structure.
- [(c) Ceiling and sidewall liner panels of Class C compartments must meet the test requirements of Part III of Appendix F of this part or other approved equivalent methods.]**
- (d) All other materials used in the construction of the cargo or baggage compartment must meet the applicable test criteria prescribed in Part I of Appendix F of this part or other approved equivalent methods.
- (e) No compartment may contain any controls, wiring, lines, equipment, or accessories whose damage or failure would affect safe operation, unless those items are protected so that--
 - (1) They cannot be damaged by the movement of cargo in the compartment, and
 - (2) Their breakage or failure will not create a fire hazard.
- (f) There must be means to prevent cargo or baggage from interfering with the functioning of the fire protective features of the compartment.
- (g) Sources of heat within the compartment must be shielded and insulated to prevent igniting the cargo or baggage.
- (h) Flight tests must be conducted to show compliance with the provisions of Sec. 25.857 concerning--
 - (1) Compartment accessibility,
 - (2) The entries of hazardous quantities of smoke or extinguishing agent into compartments occupied by the crew or passengers, and
 - (3) The dissipation of the extinguishing agent in Class C compartments.
- (i) During the above tests, it must be shown that no inadvertent operation of smoke or fire detectors in any compartment would occur as a result of fire contained in any other compartment, either during or after extinguishment, unless the extinguishing system floods each such compartment simultaneously.

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