

Sec. 25.858 (as published 3/19/98 – refer to FAA’s Regulatory and Guidance Library for current regulations)

Cargo [or baggage compartment smoke or fire detection systems.]

[If certification with cargo or baggage compartment smoke or fire detection provisions is requested, the following must be met for each cargo or baggage compartment with those provisions:]

- (a) The detection system must provide a visual indication to the flight crew within one minute after the start of a fire.
- (b) The system must be capable of detecting a fire at a temperature significantly below that at which the structural integrity of the airplane is substantially decreased.
- (c) There must be means to allow the crew to check in flight, the functioning of each fire detector circuit.
- (d) The effectiveness of the detection system must be shown for all approved operating configurations and conditions.

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