



EASA Safety Information Bulletin

SIB No.: 2015-09
Issued: 29 April 2015

Subject: **Cargo Compartment Fire Extinguishing Bottles –
Electrical Wiring Inspection**

Ref. Publication: Fokker Services Service Bulletin (SB) SBF100-26-024
original issue dated 19 March 2015.

Applicability: F28 Mark 0070 and Mark 0100 aeroplanes, identified by serial numbers in Fokker Services SBF100-26-024, if optionally modified to meet a State of Registry operational requirement (e.g. FAR 121.134 post-amendment 269, conversion of Class D cargo compartments into Class C) to have a fully functional cargo smoke detection and fire suppression system.

Note: The 10 aeroplanes listed in SBF100-26-024 that were equipped during production with a cargo compartment ventilation system, for which a functional fire extinguishing system was a design requirement, are all known to be withdrawn from service, most already dismantled.

Description: During scheduled replacement of the cargo compartment fire extinguisher bottles on one F28 Mark 0100 aeroplane, it was found that the electrical connectors of the cartridges of one of the two cargo compartment fire extinguishing bottles were interchanged. This wrong electrical connection was made possible by an incorrect wire length, probably applied during initial incorporation of the system.

This could lead, when activated from the flight deck, to the discharge of one (extinguishing or suppression) bottle in the incorrect cargo compartment.

Fokker Services SBF100-26-024 provides instructions to detect any incorrect electrical connection and wiring length, and, if necessary, to restore an electrical configuration which prevents connection mistakes during maintenance.

More information on this subject can be found in Fokker Services All Operators Message AOF100.196.

At this time, the safety concern described in this SIB is not considered to be an unsafe condition that would warrant

This is information only. Recommendations are not mandatory.

Airworthiness Directive (AD) action under EU [748/2012](#), Part 21.A.3B.

Recommendation(s): For the affected aeroplanes, EASA recommends accomplishment of the instructions of SBF100-26-024:
One-time inspection of the electrical wiring of the cargo compartment fire extinguishing bottles and corrective action(s), as necessary.

Contact(s): For further information contact the Safety Information Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu.

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www.myfokkerfleet.com.

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