


EASA	NOTIFICATION OF A PROPOSAL TO ISSUE AN AIRWORTHINESS DIRECTIVE
	<p>PAD No.: 12-070</p> <p>Date: 03 July 2012</p> <p>Note: This Proposed Airworthiness Directive (PAD) is issued by EASA, acting in accordance with Regulation (EC) No 216/2008 on behalf of the European Community, its Member States and of the European third countries that participate in the activities of EASA under Article 66 of that Regulation.</p>
<p>In accordance with the EASA Continuing Airworthiness Procedures, the Executive Director is proposing the issuance of an EASA Airworthiness Directive (AD), applicable to the aeronautical product(s) identified below. All interested persons may send their comments, referencing the PAD Number above, to the e-mail address specified in the 'Remarks' section, prior to the consultation closing date indicated.</p>	
Design Approval Holder's Name : DASSAULT AVIATION	Type/Model designation(s) : Fan Jet Falcon, Mystère-Falcon 20 and Mystère-Falcon 200 aeroplanes
TCDS Number: DGAC France 103, 103 bis and 103 ter	
Foreign AD: Not applicable	
Supersedure: None	
ATA26	Fire Protection – Extinguishing System – Defective Charge Indicators – Inspection / Replacement
Manufacturer(s):	Dassault Aviation, Avions Marcel Dassault - Breguet Aviation
Applicability:	Fan Jet Falcon aeroplanes, all Models, Mystère-Falcon 20-()5 aeroplanes, all Models, Mystère-Falcon 200 and Mystère-Falcon 20 GF aeroplanes, all manufacturer serial numbers.
Reasons:	<p>A manufacturing defect of charge indicator of fire extinguisher bottles has been reported on Dassault Aviation Fan Jet Falcon and Mystère-Falcon 20 series aeroplanes.</p> <p>The results of the investigations concluded that this defect may lead to corrosion of the charge indicator, causing improper indication of loss of pressure inside the bottle. In addition, the Part Numbers (P/N) of the fire extinguishers and batch numbers of the affected charge indicators have been identified.</p> <p>This condition, if not detected and corrected, would constitute a dormant failure that might impact the capability to extinguish a fire, either in an engine or the APU or the rear compartment, possibly resulting in damage to the aeroplane and injury to the occupants.</p> <p>For the reasons described above, this AD requires repetitive weighing of the affected fire extinguishers bottles and, ultimately replacement of the affected bottles with serviceable bottles. In addition, this AD prohibits installation of an affected fire extinguisher bottle.</p>
Effective Date:	[TBD: 14 days after final AD issue date]

Required Action(s)
and Compliance
Time(s):

Required as indicated, unless previously accomplished:

Part A: For aeroplanes equipped with an engine fire extinguisher bottle or APU fire extinguisher bottle, having a P/N as listed in Table 1 of this AD and fitted with a charge indicator identified by batch numbers from 168 up to 200 (inclusive) in Dassault Aviation Service Bulletin (SB) F20-785 or SB F200-131, as applicable to aeroplane model:

Table 1 – Affected fire extinguisher bottles

Type of bottle	P/N
Engine Fire extinguisher bottle	P/N 111-1555-324-12A
	P/N 811456
	P/N 111-355-32412A
APU Fire extinguisher bottle	P/N 111-011-324-12A
	P/N 811475

Note 1: Hereafter, an affected bottle means a bottle with a P/N listed in Table 1 of this AD and having a charge indicator batch number within the affected range 168-200 (inclusive).

Note 2: For the purpose of this AD, a serviceable fire extinguisher bottle is one having an indicator batch number lower than 168, or higher than 200.

- (1) Within 30 days or 100 flight hours, whichever occurs first after the effective date of this AD, accomplish Dassault Aviation Service Bulletin (SB) F20-785 or SB F200-131, as applicable to aeroplane model, and thereafter, at intervals not to exceed 12 months, accomplish a weighing of each affected fire extinguisher bottle in accordance with the instructions of Dassault Maintenance procedure 26-20-3-6 (F20 & F20-5) or Work Card 171.0 page 2/7 (F200) of the Aircraft Maintenance Manual (AMM), as applicable to aeroplane type.
- (2) If, during any weighing as required by paragraph (1) of this AD, a discrepancy is identified, before next flight, replace the affected fire extinguisher bottle with a serviceable part.
- (3) Within 6 months after the effective date of this AD and, thereafter, at intervals not to exceed 6 months, check each cartridge, as installed on each affected engine- and/or APU fire extinguisher bottle, to determine that the cartridge has not been fired, in accordance with the instructions of Dassault Aviation Maintenance Procedure 26-20-2-4 (F20 & F20-5) or Work Card 171.0 page 2/7 (F200) of the AMM, as applicable to aeroplane type.
- (4) If, during any of the checks as required by paragraph (3) of this AD, a discrepancy is identified, before next flight, replace the affected fire extinguisher bottle and cartridge with serviceable parts.
- (5) Within 60 months after the effective date of this AD, replace each affected fire extinguisher bottle and charge indicator with a serviceable part.
- (6) Replacement of parts as required by this AD constitutes terminating action for the repetitive actions required by this AD.

Part B: For all aeroplanes:

- (7) From the effective date of this AD, do not install on an aeroplane any fire

	extinguisher bottle, having a P/N as listed in Table 1 of this AD, fitted with a charge indicator belonging to batch numbers from 168 up to 200 (inclusive).
Ref. Publications:	<p>Dassault-Aviation AMM, F20: DMD 11752, F200: DMD 29214-3.</p> <p>Dassault Aviation SB F20-785 and SB F200-131, both initial issue.</p> <p>The use of later approved revisions of these documents is acceptable for compliance with the requirements of this AD.</p>
Remarks :	<ol style="list-style-type: none"> 1. This Proposed AD will be closed for consultation on 31 July 2012. 2. Enquiries regarding this PAD should be referred to the Safety information Section, Executive Directorate, EASA. E-mail ADs@easa.europa.eu. 3. For any question concerning the technical contents of requirements in this PAD, please contact your Dassault Falcon Technical Assistance: <ul style="list-style-type: none"> • For Europe, Middle East and Africa based operators: <p>Hot Line: (33) 1 47 11 37 37</p> • For USA, Canada and Mexico based operators: <p>Help Desk: (1) 800-2FALCON (2325266)</p> • All other areas: <p>Help Desk: (1) 201 541 4747</p>