

AIRWORTHINESS DIRECTIVE

released by DIRECTION GENERALE DE L'AVIATION CIVILE

Inspection and/or modifications described below are mandatory. No person may operate a product to which this Airworthiness Directive applies except in accordance with the requirements of this Airworthiness Directive.

Translation of 'Consigne de Navigabilité' ref. : 2001-600-028(B)
In case of any difficulty, reference should be made to the French original issue.

DASSAULT AVIATION

Fan Jet Falcon and Mystere Falcon 20-(X)5 aircraft

Aircraft structure - Windows frames (ATA 53)

1. APPLICABILITY:

This Airworthiness Directive (AD) concerns all Fan Jet Falcon and Mystere Falcon 20-(X)5 aircraft, all serial numbers.

2. REASONS:

Some cracks have been recorded on "Falcon 20" vertical posts of window frames until now not suspected to develop any, and consequently not checked in maintenance.

This AD purpose is:

- to catch-up with these window frame checks on the basis of work card 53-30-07 re-issued to take them into account,
- to inspect horizontal bottom front frame on the basis of work card 53-30-12, also re-issued, for any crack propagation reaching this zone,
- to record cracks length, if any, and to send the records to DASSAULT AVIATION so as to define the more adapted maintenance program to deal with these cracks.

The cracks may lead progressively to important cabin pressurization leakage.

3. ACTIONS:

The following measures are rendered mandatory from the effective date of this AD:

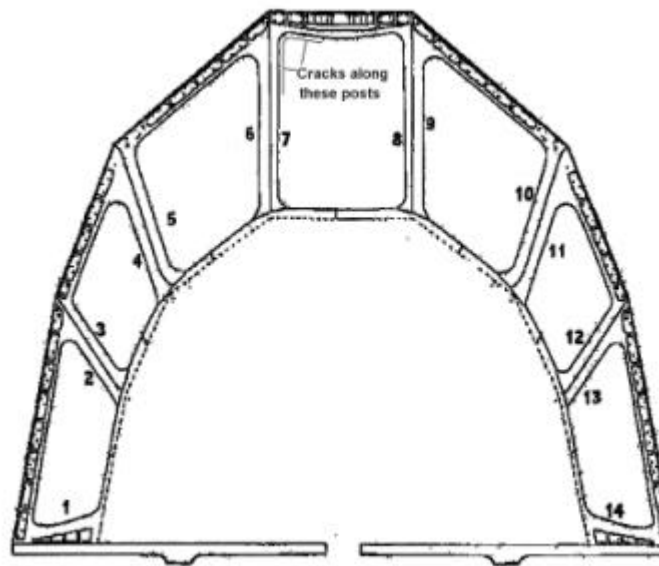
- perform ultrasonic ND Testing upon according to WC 53-30-07 for window frames number 2, 5, 7, 8, 10 (see schematic next page) and endoscopic testing according to WC 53-30-12 for front pilot window frames:
 - within 7 months following the effective date of this AD, for aircraft being over 35 years old and those which total more than 20,000 flights,
 - within 25 months or 2,500 flight hours following the effective date of this AD, whichever occurs first, maximum for the other aircraft.
- record the observation in the following charts (under schematic next page) and sent them to DASSAULT AVIATION.

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REF.: Maintenance Manual DMD 11752 revision September 2000 and next
WC 53-30-07(with RT284) - WC 53-30-12 (with RT283).

EFFECTIVE DATE : DECEMBER 22, 2001

Post numbering



Charts of records

Aircraft S/N	Nb of landing	Nb of hours	Age

Checks per WC 53-30-07:

	Post 2	Post 5	Post 7	Post 8	Post 10
Nb of cracks					
Total length (specify mm or inches)					

Checks per WC 53-30-12:

Total length (specify mm or inches)	
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Please return this sheet to one of the following addresses:

Dassault Aviation - Saint-Cloud - France - attn Falcon 20 Program Manager - fax : +33 1 47 11 65 21

Dassault Falcon Jet - Little Ferry (NJ)-U.S.A. - attn Service Engineering/Falcon 20 - fax : +1 201 541 4706