

GSAC

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. : 2000-191-031(B)
In case of any difficulty, reference should be made to the French original issue.

DASSAULT AVIATION

Mystère Falcon 50 airplanes

MF 50 - Hydraulic Generation - Hydraulic lines inspection (ATA 29)

APPLICABILITY

This Airworthiness Directive (AD) is applicable to Dassault Aviation MF 50 aircraft with serial numbers 274 to 288 and 290.

REASONS

Recent incidents have revealed that the risk of loosing both hydraulic systems has increased due to a quality problem with HARRISON type couplings from an identified batch of hydraulic pipes.

As when experiencing a double hydraulic failure, crew workload can be significantly increased, it has been decided, in order to limit the consequences of such risk, to impose by this Airworthiness Directive operational limitations as well as inspection and replacement of the identified hydraulic pipes.

ACTIONS

1. From the date of publication of this AD until application of Service Bulletin F50-A355 (see action 2 below), Dassault MF 50 aircraft with serial numbers 274 to 288 and 290 operations shall be planned so as to keep at all times the flown trajectory within a 60 minutes range of a suitable alternate airport at the speed of 260 KIAS, speed limit in case of one hydraulic system failure.

Insertion of this AD in the Limitations section of the Flight Manual shall be considered as a temporary revision of the "LIMITATIONS : Kinds of operation" section (page 1-160-1) of the Flight Manual.

2. Apply Service Bulletin F50-A355, original edition or any approved subsequent revision, before July 31, 2000 or within 150 flight hours starting at the edition date of this Airworthiness Directive, whichever limit is reached first.

n/GH

May 17, 2000

DASSAULT AVIATION
Mystère Falcon 50 airplanes

2000-191-031(B)

REF.: Service Bulletin F50-A355 original edition or any subsequent approved edition.
Airplane Flight Manual MF50 FM 813EX "EMERGENCY PROCEDURES :
Loss of both hydraulic systems" (page 2-130-1)
Airplane Flight Manual MF50 FM 813EX "ABNORMAL PROCEDURES :
Loss of n° 1 (n° 2) hydraulic system" (page 3-130-1 or 3-131-1).

This AD has been issued on telegraphic form on April 28, 2000.

EFFECTIVE DATE:

Upon receipt of the telegraphic AD issued on APRIL 28, 2000