中国民用航空局



CAAC **适 航 指 令**

AIRWORTHINESS DIRECTIVE

本指令根据中国民用航空规章《民用航空器适航指令规定》(CCAR-39)颁发,内容涉及飞行安全,是强制性措施。如不按规定完成,有关航空器将不再适航。

编号: CAD2016-F2TH-02

修正案号: 39-8797

- 一. 标题: 防冰和防雨-机翼防冰系统-前缘缝翼笛形管-检查/替换
- 二. 适用范围:

本指令适用于在中华人民共和国注册的Falcon 2000EX型飞机。

- 三. 参考文件:
- 1. EASA AD 2016-0149

2016年07月25日

- 2. Dassault Aviation SB F2000EX-391, R1 版以及随后被批准的版本
- 四. 原因、措施和规定

为防止由于机翼防冰系统笛形管(piccolo tubes)制造缺陷,可能会引起不易被探测的机翼严重结冰,进而导致飞机失控,要求完成下述工作,事先已完成者除外:

注2: 就本指令而言,受影响的笛形管(piccolo tubes)都是用件号P/N FGFB725102(left hand (LH) side)和 P/N FGFB726102(right hand (RH) side)来标识的。表2和表3(参见本指令附录1),列出了在飞机外侧前缘缝翼(outboard slat)件号(P/N),可用于确定在一架飞机上是否安装了受影响的笛形管(piccolo tubes)。

A、重复性检查

第1页共5页

在本指令表1所确定的符合性时间之内,并且,此后,在不超过本指令表1中的数值的时间间隔,按照适用的DASB的要求对每一个受影响的笛形管(piccolo tubes)完成一次内窥镜检查。

《XI-里友的规说型 \ LIIUUSCUDIC IIISDECIIUIIS	表1-重复内窥镜检查	(Endoscopic	Inspections
--	------------	-------------	-------------

飞机	检查门槛值	检查间隔
Falcon 2000EX	自飞机首次飞行至超过1000飞行循	1000飞行循环
	环前,或本指令生效日期之后的500	
	飞行循环内,以后到者为准	

B、纠正措施

如果在本指令A段要求的任何检查期间,发现任何偏差,在下次飞行前,按照适用的DASB指南的要求用一个可用的零件替换受影响的笛形管(piccolo tubes)并且重新确认(re-identify)飞机外侧前缘缝翼(outboard slat)。

C、终止措施

根据适用的DA SB所确定的,通过安装可用的(新的件号P/N)笛形管(piccolo tubes)(左侧和右侧)改装一架飞机可对该架飞机构成对本指令A段所要求的重复性检查的终止措施。

D、零件安装条件

根据适用性,按照本指令D(1)和D(2)的要求,不要在任何一架飞机上安装受影响的笛形管(piccolo tubes)(参见本指令注2)或受影响的飞机外侧前缘缝翼(outboard slat)(参见本指令附录1表2)。

- (1)对于一架飞机,在本指令生效之日,已经安装了一个受影响的笛形管(piccolo tubes)或受影响的飞机外侧前缘缝翼(outboard slat):按照本指令B段的要求或按照本指令C段的规定改装该飞机之后,左侧和右侧的笛形管(piccolo tubes)不再是受影响的笛形管(piccolo tubes)(参见本指令注2)。
- (2) 对于一架飞机,在本指令生效之日,来安装一个受影响的笛形管(piccolo tubes)或受影响的外部前缘缝翼(external slat):自本指令生效之日起。
- E、在本指令生效日期之后批准的在一架飞机上安装一个笛形管 (piccolo tubes) P/N,在本指令E(1)和E(2)段规定的条件都满足

- 的情况下,等同于符合本指令B段的要求或本指令C段的规定。
- (1) 该笛形管 (piccolo tubes) P/N必须由EASA批准, 或在Dassault Aviation DOA下获得批准。
- (2)必须按照EASA或Dassault Aviation DOA下批准的飞机改装指南完成安装。

F、等效替代方法

- (1)完成本适航指令可采取能保证安全的替代方法或者调整完成的时间,但必须得到适航审定部门的批准。
- (2)在使用任何经批准的替代方法之前,通知有关飞行标准部门的主管监察员。

Appendix 1

Note 2: For the purpose of this AD, affected piccolo tubes are installed on an affected outboard slat as listed in Table 2 of this AD. If the outboard slat installed on the aeroplane does not have a P/N listed in Table 2 or Table 3, physically inspect the aeroplane to determine if an affected piccolo tube (see Note 1 of this AD) is installed on that aeroplane.

Note 3: The suffix P (see Table 3 of this AD) is the indication of slats retrofitted with stiffened piccolos (at T section). The new stiffened piccolo tube is procurable by reference **FGFB725102A1** for LH side, and **FGFB726102A1** for RH side.

Note 4: At the time of AD publication, the slats, when procurable, have a P/N bolded inside Table 3.

Note 5: At the time of AD publication, developments are in progress on slats and piccolos outside the purpose of this AD. Slat P/Ns will either be designated L9 or be updated by F2MG135 and F2MG145, whereas new piccolo P/Ns will be designated by P/N F2MG725102 (LH) or P/N F2MG726102 (RH). More can be expected in the future.

Table 2 - Affected Outboard Slats P/Ns

LH	RH
FGFB134	FGFB144
From FGFB134A1 to FGFB134A9 inclusive	From FGFB144A1 to FGFB144A9 inclusive
FGFB134B1	FGFB144B1
From FGFB134C1 to FGFB134C4 inclusive	From FGFB144C1 to FGFB144C4 inclusive
From FGFB134D1 to FGFB134D4 inclusive	From FGFB144D1 to FGFB144D4 inclusive
FGFB135 and FGFB135M	FGFB145 and FGFB145M
From FGFB135A1 to FGFB135A4 inclusive	From FGFB145A1 to FGFB145A4 inclusive
From FGFB135A1M to FGFB135A4M	From FGFB145A1M to FGFB145A4M
inclusive	inclusive
From FGFB135B1 to FGFB135B3 inclusive	From FGFB145B1 to FGFB145B3 inclusive
From FGFB135B1M to FGFB135B3M	From FGFB145B1M to FGFB145B3M
inclusive	inclusive
F2MB135	F2MB145
F2MB135A1	F2MB145A1
From F2MB135L1 to F2MB135L5 inclusive	From F2MB145L1 to F2MB145L5 inclusive

Table 3 - Serviceable Outboard Slats P/Ns (see Note 5 of this AD)

CAD2016-F2TH-02 / 39-8797

LHR/H	
FGFB134P	FGFB144P
From FGFB134A1P to FGFB134A9P	From FGFB144A1P to FGFB144A9P
inclusive	inclusive
FGFB134B1P	FGFB144B1P
From FGFB134C1P to FGFB134C4P	From FGFB144C1P to FGFB144C4P
inclusive	inclusive
From FGFB134D1P to FGFB134D4P	From FGFB144D1P to FGFB144D4P
inclusive	inclusive
FGFB135P and FGFB135MP	FGFB145P and FGFB145MP
From FGFB135A1P to FGFB135A4P	From FGFB145A1P to FGFB145A4P
inclusive	inclusive
From FGFB135A1MP to FGFB135A4MP	From FGFB145A1MP to FGFB145A4MP
From FGFB135A1MP to FGFB135A4MP inclusive	From FGFB145A1MP to FGFB145A4MP inclusive
inclusive	inclusive
inclusive From FGFB135B1P to FGFB135B3P	inclusive From FGFB145B1P to FGFB145B3P
inclusive From FGFB135B1P to FGFB135B3P inclusive	inclusive From FGFB145B1P to FGFB145B3P inclusive
inclusive From FGFB135B1P to FGFB135B3P inclusive From FGFB135B1MP to FGFB135B3MP	inclusive From FGFB145B1P to FGFB145B3P inclusive From FGFB145B1MP to FGFB145B3MP
inclusive From FGFB135B1P to FGFB135B3P inclusive From FGFB135B1MP to FGFB135B3MP inclusive	inclusive From FGFB145B1P to FGFB145B3P inclusive From FGFB145B1MP to FGFB145B3MP inclusive
inclusive From FGFB135B1P to FGFB135B3P inclusive From FGFB135B1MP to FGFB135B3MP inclusive F2MB135P	inclusive From FGFB145B1P to FGFB145B3P inclusive From FGFB145B1MP to FGFB145B3MP inclusive F2MB145P
inclusive From FGFB135B1P to FGFB135B3P inclusive From FGFB135B1MP to FGFB135B3MP inclusive F2MB135P F2MB135A1P	inclusive From FGFB145B1P to FGFB145B3P inclusive From FGFB145B1MP to FGFB145B3MP inclusive F2MB145P F2MB145A1P
inclusive From FGFB135B1P to FGFB135B3P inclusive From FGFB135B1MP to FGFB135B3MP inclusive F2MB135P F2MB135A1P From F2MB135L1P to F2MB135L5P	inclusive From FGFB145B1P to FGFB145B3P inclusive From FGFB145B1MP to FGFB145B3MP inclusive F2MB145P F2MB145A1P From F2MB145L1P to F2MB145L5P

五. 生效日期: 2016 年 08 月 08 日

六. 颁发日期: 2016 年 08 月 08 日

七. 联系人: 王伟建

民航华北地区管理局适航审定处

010-64536921