



**BIJZONDERE LUCHTWAARDIGHEIDSAANWIJZING  
(BLA)  
NETHERLANDS AIRWORTHINESS DIRECTIVE**

Onder verwijzing naar BLA nr. 68-19-00 en BLA nr. 74-70-00 geeft de directeur Luchtvaartinspectie van de Rijksluchtvaartdienst de volgende Bijzondere Luchtwaardigheidsaanwijzing.

*Under authority of the Netherlands Regulations on the State Control of Aviation the Director Aeronautical Inspection of the Civil Aviation Department gives the following Airworthiness Directive.*

**FLIGHT CONTROLS - ICE BUILD-UP ON CONTROL CABLES - PREVENTIVE MEASURES**

**Description:**

Several instances of frozen cable systems have occurred recently, at high altitudes, low outside air temperatures (OAT) and in conditions of high humidity. In most cases the flight controls could still be forced to move, however, while at lower altitudes and higher OAT's, free movement was easily regained. After extensive examinations and testing, potential water-ingress problem areas were identified, which were published in Fokker 50 SL 013. This Airworthiness Directive (BLA) cancels this Service Letter and calls for the accomplishment of either temporary or permanent solutions, some of which have already been declared mandatory.

**Effectivity:**

F.27 Mk.050 aircraft serial numbers:

20103 to 20108 inclusive and 20110 to 20134 inclusive, with exception of aircraft on which the temporary or permanent solutions were factory-incorporated, such in accordance with Fokker Service Bulletin F50-27-013.

Effective date: January 25, 1989

Compliance: required as indicated, unless already accomplished:

before February 01, 1989, accomplish the following preventive measures:

- 1) delete the ventilation-air inlet in the outboard nacelle/wing fairing by installing high-speed tape over the opening as a temporary solution, unless BLA 88-94 dated November 21, 1988 has been complied with,
- 2) close the slots under fairing panels 491BT and 492BT with sealing compound as a temporary solution,
- 3) close the gaps in the corners of the seals below access panels 491AT and 492AT as a temporary solution,
- 4) apply grease on cables and cable pulleys as a temporary solution:
  - a) in the accessory compartments, unless BLA 88-84 dated October 24, 1988 has been complied with,
  - b) on the wing front spar, at wing STA.390LH, unless BLA 88-95 dated November 21, 1988 has been complied with,
  - c) in the dorsal fin at fuselage STA.20060, unless BLA 88-85 dated October 24, 1988 has been complied with,
- 5) apply grease to the cables passing the pressure seals at the bulkheads at fuselage STA.6675, STA.1400 and STA.19060 as a temporary solution, and
- 6) apply grease on the engine control rods as a temporary solution.

BLA 89 - 04

Accomplishment: In accordance with Fokker Service Bulletin F50-27-013 dated January 18, 1989 or a later RLD-approved revision.

Remarks:

- In respect to art.88 par.3 of the Civil Air Navigation Regulations, this Airworthiness Directive (BLA) must be accomplished by or under supervision of an approved company.
- All operators of the affected aircraft are receiving the ref. Service Bulletin directly from the manufacturer.

Note:

Address inquiries regarding this AD to:

Department of Civil Aviation  
Aeronautical Inspection Directorate  
P.O.Box 575, 2130 AN Hoofddorp, the Netherlands  
Telex: 74592 rldli nl, Telephone: ()-31-(0)2503-63163  
Telefax: ()-31-(0)2503-40741