



C O R R E C T I O N

Postbus 575 2130 AN Hoofddorp Tel. 02503 - 63131

BLA nr: 92-002

Date : January 24, 1992

F O K K E R

Type: F.27 Mk.050

Seq.: 104

**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.

AUTOFLIGHT - AUTOPILOT COMPUTER - REPLACEMENT

Description:

The autopilot ENGAGE button on the Flight Mode Panel apparently exhibits a tendency to get stuck in the ENGAGE position. As a result, the autopilot re-engages when either an autopilot DISCONNECT button on the control wheel or a GO-AROUND button on the power levers is released. Some cases have been reported where the approach had to be continued with the autopilot DISCONNECT button depressed continuously. Honeywell Avionics Systems has now developed a modification to the autopilot computer which adds an edge trigger logic to the ENGAGE circuitry. To prevent further inadvertent autopilot engagement due to a stuck autopilot ENGAGE button, this Airworthiness Directive (BLA) requires a limitation to be incorporated in the Airplane Flight Manual concerning autopilot-coupled approaches and, subsequently, the replacement of the Honeywell Autopilot Computer P/N 4029377-914 with a modified unit, P/N 4029377-914 Mod.N.

Effectivity:

F.27 Mk.050 aircraft serial numbers:
20103 to 20233 inclusive

■ **Effective date:** March 01, 1992

Compliance: required as indicated, unless already accomplished:

1) before further flight, amend the Airplane Flight Manual by substituting Section 2 - LIMITATIONS, sub-Section APPROACHES as follows:

WHEN USING AN INSTRUMENT APPROACH FACILITY, THE MINIMUM
HEIGHT TO WHICH THE AUTOPILOT MAY BE USED IS 80 FT

NOTE 1: This may be accomplished by inserting a copy of this AD into the AFM.

2) before October 01, 1992, replace the Honeywell Autopilot Computer P/N 4029377-914 with a modified unit, P/N 4029377-914 Mod.N.

NOTE 2: After the accomplishment of paragraph 2) of this AD, the limitation as required by paragraph 1) may be deleted from the AFM.

Accomplishment:

- In accordance with Fokker Service Bulletin F50-22-005 dated December 05, 1991 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 have received 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)2503-63162 or -63124
Telefax: ()-31-(0)2503-40741
