
AIRWORTHINESS DIRECTIVE

On the effective date specified below, and for the reasons set out in the background section, the CASA delegate whose signature appears below revokes Airworthiness Directive (AD) AD/F27/103 Amdt 7 and issues the following AD under subregulation 39.001(1) of CASR 1998. The AD requires that the action set out in the requirement section (being action that the delegate considers necessary to correct the unsafe condition) be taken in relation to the aircraft or aeronautical product mentioned in the applicability section: (a) in the circumstances mentioned in the requirement section; and (b) in accordance with the instructions set out in the requirement section; and (c) at the time mentioned in the compliance section.

Fokker F27 Series Aeroplanes**AD/F27/103
Amdt 8****Structural Limitations****11/2009**

Applicability: All F27 Mk100 to Mk700 model aeroplanes.

- Requirement: 1. Inspect, modify or retire:
- (a) Airframe parts as specified in Fokker Structural Integrity Program (SIP) Document 27438 Revision 14 and subsequent revisions.
 - (b) Main landing gear components as specified in Dowty Rotol Service Bulletin No. 32-152B, Revision 7 and subsequent revisions.
 - (c) Nose landing gear components as specified in Dowty Rotol Service Bulletin No. 32-154B Revision 4 and subsequent revisions.
2. Retire the airframe from service before exceeding 90,000 flights.

Load variability factors derived from Fatigue Meter and operational records may not be used in connection with the times specified in the SIP Document without the specific approval of the Authority.

In spite of the allowable crack lengths and crack propagation data which may be provided by the manufacturer, an aircraft shall not be returned to service with known unrepaired cracks without the approval of the Authority or of the operator's authorised structures design signatory.

Note: Netherlands AD NL-1991-049 dated 7 June 1991 refers.

Compliance: Compliance remains unchanged effective from 25 May 1995.

This Amendment becomes effective on 22 October 2009.

Background: Amendment 6 referenced the latest revisions of the reference documents.

Amendment 7 removed reference to "subsequent temporary revisions" in documentation, and reformatted the text of the AD.

Fokker F27 Series Aeroplanes

AD/F27/103 Amdt 8 (continued)

Amendment 8 changes the Applicability in order to exclude the F27Mk050(2) and Mk0604 models, updates the revision status of the SIP, includes subsequent revisions to the SIP and referenced SB's to ensure continuity, and removes reference to Note 1 and Note 2. This amendment has been made with the assistance of the manufacturer.



David Villiers
Delegate of the Civil Aviation Safety Authority

9 September 2009