

**Service Bulletin No: 53-014**  
**Modification No: INSPECTION**

**Ref No: 91**  
**ATA Chapter: 53**

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**FUSELAGE - MAIN STRUCTURE**  
**INSPECTION OF THE UPPER AND LOWER, LEFT AND RIGHT, LONGERONS**

**1. Planning Information**

**A. Effectivity**

MSN 643 thru MSN 654 Only

**B. Concurrent Requirements**

None.

**C. Reason**

**(1) Problem**

A customer has reported corrosion damage on the lower longeron.

**(2) Cause**

The aircraft operate in a severe environment.

**(3) Solution**

Pilatus personnel will do a one-time fleet inspection of the customers aircraft and record the findings.

**D. Description**

This Service Bulletin gives the data and instructions necessary to do a one time inspection of the fuselage upper and lower, left and right, longerons.

**E. Compliance**

Mandatory.

Accomplishment required not later than 30 days after the effective date of this Service Bulletin.

**F. Approval**

The technical content of this Service Bulletin is approved under the authority of Letter of DOA Acceptance ref. FOCA.21J.002.

Pilatus advises Operators/Owners to check with their delegated Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

**G. Copyright Information**

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**H. Manpower**

Contact Pilatus if you want to know the man-hours to accomplish this Service Bulletin.

**I. Weight and Balance****(1) Weight Change**

Not changed.

**(2) Moment Change**

Not changed.

**J. Electrical Load Data**

Not changed.

**K. Software**

Not changed.

**L. References**

Aircraft Maintenance Manual (AMM): 05-05-01, 05-12-01, 53-10-03, 53-10-05

**M. Publications Affected**

None.

**N. Interchangeability of Parts**

Not applicable.

**2. Material Information****A. Material - Price and Availability**

No modification kit is necessary to do this Service Bulletin.

Operators who require further information on Price and Availability should contact their Customer Liaison Manager at:

Pilatus Aircraft Ltd,  
6371 Stans,  
Switzerland.

Operators are requested to advise Pilatus Aircraft Ltd. of the Manufacturer's Serial Number (MSN), the flying hours and landings of aircraft which are allocated for this Service Bulletin using the Service Bulletin Evaluation Form.

**B. Material Necessary for Each Aircraft****(1) Material to be Procured**

Refer to AMM, 53-10-03, Page Block 601.

**(2) Operator Supplied Materials**

Refer to AMM, 53-10-03, Page Block 601.

Refer to AMM, 53-10-05, Page Block 601.

**C. Material Necessary for Each Spare**

None.

**D. Re-identified Parts**

None.

**E. Tooling - Cost and Availability**

Refer to AMM, 53-10-05, Page Block 601.

**3. Accomplishment Instructions - Aircraft**

**WARNING:** MAKE SURE THAT BOTH EJECTION SEATS HAVE THE SAFETY PINS INSTALLED IN THE SAFE FOR SERVICING LOCATIONS BEFORE YOU GO INTO THE COCKPIT (REF. AMM, 25-10-00, PAGE BLOCK 201).

**WARNING:** READ AND OBEY THE MANUFACTURERS HEALTH INSTRUCTIONS BEFORE YOU USE THE CONSUMABLE MATERIALS.

**NOTE:** Read and obey the manufacturers instructions about how to prepare the consumable materials before you use them.

**NOTE:** This Service Bulletin will be accomplished by the Pilatus Aircraft Ltd. Field Service Engineer (FSE).

**A. Preparation**

- (1) Refer to AMM, 53-10-03, Page Block 601.
- (2) Refer to AMM, 53-10-05, Page Block 601.

**B. Inspection**

- (1) Do inspection task 53011 (Ref. AMM, 05-05-01, Page Block 1) in accordance with the AMM, 53-10-05, Page Block 601.
- (2) Do inspection task 53102 (Ref. AMM, 05-12-01, Page Block 1) in accordance with the AMM, 53-10-03, Page Block 601.
- (3) Report all findings (even non-findings) to:

Pilatus Aircraft Ltd.,  
Customer Technical Support (MCC),  
P.O. Box 992,  
6371 Stans, Switzerland  
Fax: + 41 (0)41 619 67 73  
Email: Techsupport@pilatus-aircraft.com

**C. Job Close-Up**

- (1) Refer to AMM, 53-10-03, Page Block 601.
- (2) Refer to AMM, 53-10-05, Page Block 601.

**D. Documentation**

- (1) Make an entry in the Aircraft Logbook that this Service Bulletin has been incorporated.
- (2) Use the Service Bulletin Evaluation Sheet and report your results and the serial number of the aircraft to Pilatus Aircraft Ltd.

SERVICE BULLETIN EVALUATION SHEET FOR SB No. 53-014			
Title	Fuselage - Main Structure Inspection of the Upper and Lower, Left and Right, Longerons		
Customer			
Service Center			
EMBODIMENT REPORTING			
This SB has been embodied:		<input type="checkbox"/>	On the entire fleet
		<input type="checkbox"/>	Only partially
Provide embodiment details per aircraft (use additional copies of this table, if necessary)			
MSN	Flying Hours	MSN	Flying Hours
Additional embodiment comments/findings			
EDITORIAL COMMENTS (procedure, kit quality, suggested improvements, etc.)			
Name	Signature	Date	
Please complete and forward this form to: Pilatus Aircraft LTD, Customer Technical Support (MCC), P.O. BOX 992, 6371 Stans, Switzerland Fax: +41 (0)41 619 6773 Email: Techsupport@pilatus-aircraft.com			

**SERVICE BULLETIN EVALUATION SHEET**

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