

Service Bulletin No: 95-008

Ref No: 226

Modification No: Inspection

ATA Chapter: 95

**CREW ESCAPE AND SAFETY - EJECTION SEATS  
INSPECTION OF THE HARLEY-TYPE BUCKLE ASSEMBLIES ON THE SEAT HARNESSES OF THE  
FRONT AND REAR EJECTION SEATS****1. Planning Information****A. Effectivity**

MSN 101 thru MSN 313.

All ejection seats, held as spare or in stock.

**B. Concurrent Requirements**

None.

**C. Reason****(1) Problem**

There has been a reported incident where the adjustable shoulder strap of a seat harness was found to be unattached to the main harness. Subsequent investigation concluded that one of the two release bar retaining screws located on Harley-type buckle assemblies was missing and the other one was loose and could be unscrewed by hand.

**(2) Solution**

An inspection is done to the Harley-type buckle assemblies on the seat harnesses of the front and rear ejection seats in accordance with Martin Baker Special Information Leaflet No. 864:

- If no movement is found in the two release bar retaining screws, no further action is required
- If movement is found in the two release bar retaining screws, the seat harnesses must be removed from service, or from stores and not used.

**D. Description**

This Service Bulletin gives the data and instructions necessary to inspect the Harley-type buckle assemblies on the seat harnesses of the front and rear ejection seats in accordance with the Martin Baker Special Information Leaflet No. 864.

**E. Compliance**

Mandatory.

Accomplishment is required before the next flight.

**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 designated Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

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**H. Manpower**

Refer to the Martin Baker Special Information Leaflet No. 864.

**I. Weight and Balance**

Not changed.

**J. Electrical Load Data**

None.

**K. Software**

Not changed.

**L. References**

Aircraft Maintenance Manual (AMM):  
95-00-00-00A-012A-A, 95-00-00-00A-525A-A.

Martin Baker Special Information Leaflet No. 864.

**M. Publications Affected**

None.

**N. Interchangeability of Parts**

Not applicable.

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

No Modification Kit is required for 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**

None.

**(2) Operator Supplied Materials:**

Refer to Martin Baker Special Information Leaflet No. 864.

**C. Material Necessary for Each Spare**

None.

**D. Re-identified Parts**

Not applicable.

**E. Tooling - Cost and Availability**

Refer to Martin Baker Special Information Leaflet No. 864.

**3. Accomplishment Instructions (On Aircraft)**

**WARNING:** READ AND OBEY THE SAFETY PRECAUTIONS AT THE START OF CHAPTER 95, CREW ESCAPE AND SAFETY, BEFORE YOU GO IN OR NEAR TO THE COCKPIT. IF THE EJECTION SEAT AND THE CANOPY FRACTURING SYSTEM (CFS) OPERATE ACCIDENTALLY OR INCORRECTLY THEY CAN CAUSE DEATH OR INJURY TO PERSONNEL AND/OR DAMAGE TO EQUIPMENT.

**NOTE:** For the safety precautions for the ejection seat and the CFS, refer to AMM, 95-00-00-00A-012A-A.

**A. Preparation**

- (1) Do the safety procedures for the crew escape and safety system, before you do work for the crew escape and safety system, refer to AMM 95-00-00-00A-012A-A.

**B. Inspection**

- (1) Do an inspection of the Harley-type buckle assemblies on the seat harnesses of the front and rear ejection seats in accordance with Martin Baker Special Information Leaflet No. 864:
  - If no movement is found in the two release bar retaining screws, no further action is required
  - If movement is found in the two release bar retaining screws, the seat harnesses must be removed from service.

**C. Test**

Not applicable.

**D. Close Up**

- (1) Refer to Martin Baker Special Information Leaflet No. 864.
- (2) Remove all equipment, materials and tools from the work area. Make sure that the work area is clean.
- (3) Do the close up procedures for the crew escape and safety system, refer to AMM 95-00-00-00A-525A-A.

**E. 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.

**4. Accomplishment Instructions - (Ejection Seats Held as Spares or in Stock)**

- A. Do an inspection of the Harley-type buckle assemblies on the seat harnesses of the front and rear ejection seats in accordance with Martin Baker Special Information Leaflet No. 864:
- If no movement is found in the two release bar retaining screws, no further action is required
  - If movement is found in the two release bar retaining screws, the seat harnesses must be removed from stores and not used.
- B. Documentation
- (1) Make an entry on the equipment label that this Service Bulletin has been accomplished.
  - (2) Use the Service Bulletin Evaluation Sheet and report your results.

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<b>SERVICE BULLETIN EVALUATION SHEET FOR SB No. 95-008</b>			
<b>Title</b>	<b>Crew Escape and Safety - Ejection Seats Inspection of the Harley-Type Buckle Assemblies on the Seat Harnesses of the Front and Rear Ejection Seats</b>		
<b>Customer</b>			
<b>Service Center</b>			
<b>EMBODIMENT REPORTING</b>			
<b>This SB has been embodied:</b>		<input type="checkbox"/>	<b>On the entire fleet</b>
		<input type="checkbox"/>	<b>Only partially</b>
<b>Provide embodiment details per aircraft (use additional copies of this table, if necessary)</b>			
<b>MSN</b>	<b>Flying Hours</b>	<b>MSN</b>	<b>Flying Hours</b>
<b>Additional embodiment comments/findings</b>			
<b>EDITORIAL COMMENTS (procedure, kit quality, suggested improvements, etc.)</b>			
<b>Name</b>	<b>Signature</b>	<b>Date</b>	
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: <a href="mailto:Techsupport@pilatus-aircraft.com">Techsupport@pilatus-aircraft.com</a>			

**SERVICE BULLETIN EVALUATION SHEET**

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