



SERVICE BULLETIN NO. MSB1078-152

I. TECHNICAL DETAILS

1.1 Category:

Mandatory

1.2 Aircraft affected:

G 115, G115A all S/N, unless Service Bulletin 1078-21 (Installation of maintenance-free fuel lines) has been implemented.

1.3 Time of Compliance:

before next flight

1.4 Subject:

ATA - Code: 28-20 Fuel Distribution

1.5 Reason:

All fuel hoses of the G115 / G115A are subject to exchange every five years, unless maintenance-free fuel pipes (fuselage) or maintenance-free fuel hoses (engine compartment) are installed.

GROB received an incident report regarding damaged fuel hoses (leakage). The leakage was caused by chafing of a fuel hose against the control rods in the front floor area, possibly as a result of insufficient hose length or incorrect routing.

As a precautionary measure a one-time inspection of the fuel hoses in the fuselage is required to preclude possible similar maintenance shortfalls. Defective fuel hoses must be exchanged against maintenance-free fuel pipes immediately.

1.6 Concurrent documents:

1.6.1. Service Bulletin 1078-21, dated December 02, 1991

1.6.2. Service Bulletin 1078-27/2 dated April 21, 1993

G 115 / G115A



1.7 Approval Note:

The technical information contained in this document has been approved under the authority of EASA Design Organisation Approval No. EASA.21J.030.

1.8 Accomplishment / Instructions

- 1.8.1 Inspection of the aircraft history record. In case Service Bulletin 1078-21 has been complied with, no further action is required.
- 1.8.2 Inspection of the aircraft history record. In case the last change of fuel hoses in the fuselage was completed more than five years ago, implement Service Bulletin 1078-21.
- 1.8.3 Remove all access panels and covers as required to gain access to the fuel hoses between tank and fire wall.
- 1.8.4 Inspect all fuel hoses for signs of chafing or leakage. Move aircraft controls over the full range to cover all possible control rod deflections.
- 1.8.5 In case no signs of chafing or leakage are found, Service Bulletin 1078-21 must be incorporated latest after the expiration of the regular 5-year time change interval.
- 1.8.6 In case any sign of chafing is found, the fuel lines must be provisionally re-routed to preclude chafing, one ferry-flight is permitted to facilitate repair, thereafter Service Bulletin 1078-21 must be incorporated.
- 1.8.7 In case any sign of leakage is found, Service Bulletin 1078-21 must be incorporated before next flight.

NOTE: In the engine compartment either maintenance-free fuel hoses or alternatively 5-year time change interval hoses may be installed.
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1.9 Repetitive Actions

N/A

1.10 Mass (Weight) and CG:

In accordance with Service Bulletin 1078-21.

II. PLANNING INFORMATION

2.1 Material & Availability:

The required material may be ordered from GROB.



2.2 Special Tools:

see item 2.3

2.3 Labour costs:

The scope of the modification and the need for special tools and fixtures requires Service Bulletin 1078-21 be carried out at GROB or in close conjunction with GROB.

2.4 Reference documents:

N/A

2.5 Credit:

N/A

III. REMARKS

- 3.1 The installation may be performed by a qualified tradesman and has to be certified in the logbook by an authorised inspector
- 3.2 The Illustrated Parts Catalogue G115 / G115A (Issue January 2003) amplifies both possible versions (pre/post TM 1078-21)
- 3.3 If you have sold your aircraft in the meantime, would you kindly pass this information on to the new owner and forward his address and aircraft S/N to us.
- 3.4 For questions and assistance please contact:

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