

SERVICE BULLETIN NO. MSB1078-164

I. TECHNICAL DETAILS

1.1 Category:

Mandatory

1.2 Aircraft affected:

G 115C1 ACRO	all S/N
G 115D	all S/N
G 115D2	all S/N
G 115E	82085/E – 82100/E

1.3 Time of Compliance:

Before next scheduled aerobatic flight, but not later than next 200 hours inspection

1.4 Subject:

ATA-Code:	52-10 Canopy – Canopy Jettison
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1.5 Reason:

Grob received an occurrence report of a failed canopy jettison test, experienced during a regular maintenance check. The investigation revealed, that a cable shroud of the jettison system protruded the canopy structure, which probably caused the malfunction (see Fig. 1).

Although the canopy jettison is tested during regular maintenance every 200 flight hours, an additional one-time visual inspection and canopy jettison test must be performed before the next scheduled aerobatic flight as a precautionary action.

Depending on the findings from this fleet wide inspection, Grob will provide a repair Instruction for the affected S/N or may require a fleet wide modification to be the terminating action.

NOTE: The canopy jettison system of the G 115E from S/N 82101/E on uses differing cable assemblies to which this failure mode does not apply.
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G 115C/D/E

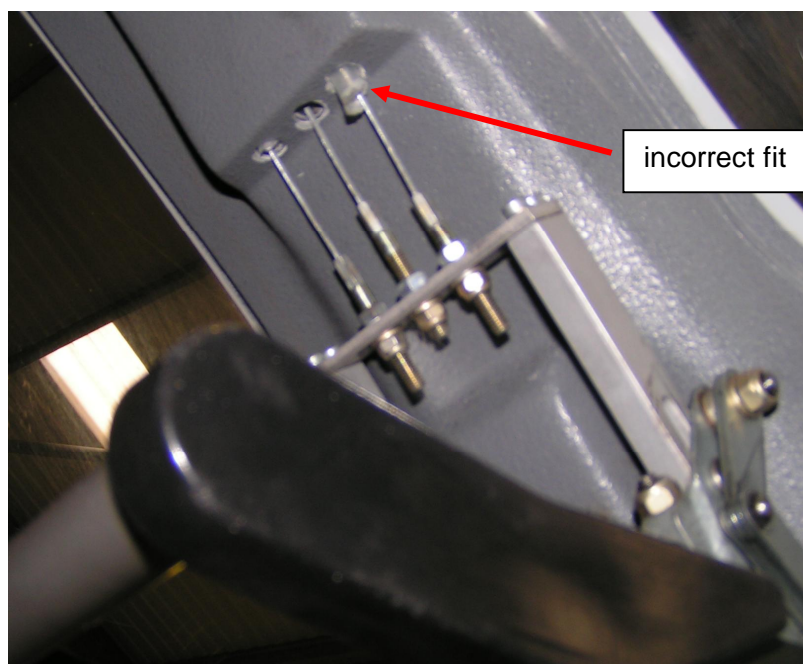


Fig. 1

1.6 Concurrent documents:

N/A

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. Ensure that the aircraft is safe for parking I.A.W. MM chapter 10-10.

1.8.2. Perform a canopy jettison test I.A.W. MM chapter 52-10.

- ensure that all jettison pins are withdrawn before the canopy handle contacts the rear handle cover
- check that the LH and RH handle protection covers do not contact the rear handle cover
- remove the rear handle cover and inspect the area where the jettison cables enter the canopy structure (see Fig. 1) for evidence of the cable outer shroud becoming detached from the canopy structure
- check canopy handle for excessive wear in the mechanism

G 115C/D/E

NOTE: Any finding must be reported to Grob advising aircraft serial number, registration and flight hours.

1.8.3. If the jettison fails a repair according to a repair instruction provided by Grob must be performed and/ or the canopy handle must be replaced I.A.W. MM chapter 52-10.

CAUTION: In case the jettison system fails, aerobatic flights are prohibited until repair has been performed and/ or the canopy handle has been replaced !

1.8.4. Install rear canopy cover and release aircraft to service.

1.9 Repetitive Actions:

N/A

1.10 Mass (Weight) and CG:

N/A

II. PLANNING INFORMATION

2.1 Material & Availability:

Required material may be ordered from Grob under

<http://www.grob-aircraft.eu/service-and-support/general/order-form.html>

2.2 Special Tools:

N/A

2.3 Labour costs:

Inspection: approx. 1 hrs

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2.4 Reference documents:

G 115C/D Maintenance Manual
G 115E Maintenance Manual

2.5 Credit:

N/A

III. REMARKS

- 3.1** The correct execution of the instructions may be performed by a competent person/ an authorised aviation workshop and has to be certified in the logbook by an authorised inspector.
- 3.2** 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.
- 3.3** The completed "Inspection Report" (see Appendix 1) must be returned to Grob immediately for further evaluation.
- 3.4** For questions and assistance please contact:

Rudolf Vodermeier, Head of Customer Service & Support

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fax: +49 8268 998 200

e-mail: productsupport@grob-aircraft.com

SB-Index: <http://www.grob-aircraft.eu/service-and-support/g-115.html>

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Appendix 1: Inspection Report

Aircraft Model: _____

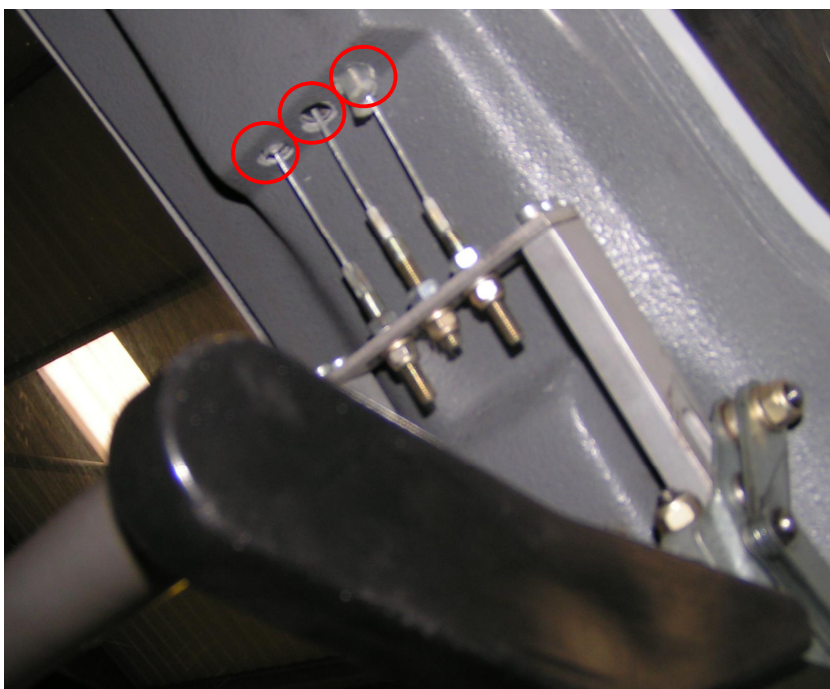
Aircraft Registration: _____

Aircraft S/N: _____

Flight Hours: _____

The inspection IAW MSB 1078-164 has been performed as per para. 1.8.

Discrepancy found: NO YES (please mark relevant position)



Canopy handle has excessive play and need to be replaced:

NO YES

Place, date

Signature

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