

AIRWORTHINESS DIRECTIVE

CANCELLED 9.02.2017**Refer Type Certificate Holders current data**

TYPE AFFECTED: Grob G 109 and G 109 B.

SUBJECT: Inspection program for life extension to 12000 hours.

BACKGROUND: Fatigue testing has shown that the service life of the affected sailplanes can be extended to 12000 hours provided each sailplane can be shown to be airworthy according to an established inspection procedure.

DOCUMENTATION: Grob Service Bulletin TM 817-28.

ACTION REQUIRED: 1. Before reaching 3000, 6000, 7000, 8000, 9000, 10000 and 11000 flight hours the glider must be inspected in accordance with the Grob Life Extension Schedule. This Schedule is available from the GFA Secretariate. The inspector must ensure that the latest version of the Schedule is used.

Note: If an inspection is performed early, only the time interval to the next inspection is gained. For example if the 3000 hour inspection is performed at 2700 hours then the next inspection falls due at 5700 hours. The time at which the next inspection is due must be recorded in the log book.

2. At the 3000 hour inspection an inspection hole must be installed in the lower wing shells in accordance with Repair instruction No 817-28/1 available from the GFA secretariate.

3. Before reaching 9500, 10500 and 11500 flight hours the following visual and tapping inspections must be performed.

a) Wing root external:
Wing/Fuselage attachment fittings secure in laminate.
Wing connecting bolts: Wear, corrosion and deformation.b) Spar stub:
Main spar spigot
Main pin fitting tight in laminate

4. Details of each survey must be entered in the log book.

5. A copy of the completed Life Extension Schedule must be sent to the CTO/A together with details of any defects found.

SIGNED: Pat
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For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA

CHIEF TECHNICAL OFFICER AIRWORTHINESS

WEIGHT AND BALANCE: If the glider has not been weighed in the last 4 years or there has been a change to the weight and balance then the aircraft must be reweighed.

IMPLEMENTATION: The requirements of this AD may performed by persons rated "Survey FRP". Any repairs or weight and balance work performed must be done by appropriately rated persons.

COMPLIANCE: The requirements of this Airworthiness Directive are mandatory. This Directive is issued pursuant to the Australian Civil aviation Regulations under the delegated authority of the Civil Aviation Authority (CE042/90).