



**AIR WORTHINESS DIRECTIVE**

**CANCELLED 15.03.2016**  
**REFER MANUFACTURERS CURRENT DATA**

**TYPES AFFECTED:** Glaser Dirks DG 100, DG 100G, DG 100 Elan, DG 100G Elan  
All Serial numbers.

**SUBJECT:** Inspection program for life extension past 3000 hours.

**BACKGROUND:** Following successful fatigue testing of wing mainspar sections, the manufacturer has negotiated approval with the German airworthiness authorities for the possible extension of the service life from 3000 hours to 6000 hours, as detailed in Glaser Dirks Technical Note No. 301/11.

This extension depends totally on the sailplane being able to pass extension inspections at 1000 hour intervals -

Inspection (1) at 3000 hours extending to 4000 hours

Inspection (2) at 4000 hours extending to 5000 hours

Inspection (3) at 5000 hours extending to 6000 hours

**INSPECTION SCHEDULE AVAILABILITY:** When an extension inspection becomes due an owner must request from GFA the current issue of the relevant inspection schedule.

**INSPECTION SCHEDULE REPORT:** On completion of the inspection the C. of A. inspector must return the completed schedule to the CTOA, together with any other details of structural or mechanical defects found during the inspection. That information will then be collated and forwarded to the manufacturer.

**ACTION:** AT 3000 HOURS, 4000 HOURS AND 5000 HOURS

- (a) Obtain from the GFA the current Glaser-Dirks inspection schedule which will also include any other GFA inspection requirement.
- (b) Carry out a GFA Form 2 inspection incorporating the inspection schedule.
- (c) On completion, forward the completed schedule, plus, if necessary, a separate condition report to the CTOA.
- (d) Following satisfactory test flight the Form 2 to be certified by the Cof A. inspector and a Maintenance Release raised.
- (e) The Maintenance Release must be endorsed "Next life extension due at .....hrs total time flown". (i.e. 4000 or 5000 hours)
- (f) Full inspection/rectification details to be recorded in the glider's logbook

**IMPLEMENTATION:** Service life extension inspections to be completed by a DoTC 1109 inspector endorsed "Airworthiness survey FRP".  
FRP repair work to be completed (where required) by a person holding a DoTC 1109 endorsed "FRP" minor/major as required.

**MATERIALS:** Service life extension schedule available from GFA Secretariat, 130 Wirraway Rd. Essendon Airport. Vic. 3041

**COMPLIANCE:** The requirements of this Airworthiness Directive are mandatory. This Airworthiness Directive is issued pursuant to Air Navigation Regulations under the delegated authority of the Department of Transport and Communication.

Issued by:	Chief Technical Officer, Airworthiness	11.2.1988
For and on behalf of:	<b>GLIDING FEDERATION OF AUSTRIA</b>	Sheet 1 of 1