



GFA AIRWORTHINESS DIRECTIVE

- TYPE AFFECTED:** LS 6 LS 6-a and LS6-b.
- SUBJECT:** Extension of service life to 12000 hours.
- BACKGROUND:** Overseas fatigue testing has shown that the service life of the LS6, LS6-a and LS6-b may be increased to 12000 hours subject to special inspections at 3000, 6000, 9000, 10000 and 11000 hours.
- DOCUMENTATION:** Rolladen Schneider Technical Bulletin No. TM-6026 is attached & forms part of this AD. EASA approval No. A C 02233.
- ACTION REQUIRED:** Update the Maintenance Manual by replacing pages from Edition Sept 2005. These pages can be downloaded from the DG website or are available from the Airworthiness section of the GFA Secretariat.
- LS6: 1-1 "Log of revisions", 1-2 "Pages included",
5-1 and 5-2 "Inspection sequence to increase Service life"
- LS6-a: 1-1 "Log of revisions", 1-2 "Pages included",
5-1 and 5-2 "Inspection sequence to increase Service life"
- LS6-b: 1-1 "Log of revisions", 1-2 "Pages included",
5-1 and 5-2 "Inspection sequence to increase Service life"
- All life extension inspections must be performed in accordance with the procedures set down on page 5-2 of the Maintenance Manual.
- WEIGHT AND BALANCE:** Not affected.
- IMPLEMENTATION:** Updating of the Maintenance manual may be performed by the owner.
- Life Extension Inspections must be certified by the holder of a GFA 1109 Inspectors Certificate endorsed for "Surveys" - FRP.
- COMPLIANCE:** The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.

SIGNED:

SENIOR TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA INC

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Subject: Increase of Service Life

Effectivity: **LS6, Versions LS6, LS6-a and LS6-b, all serial numbers.**

Accomplishment: None.

Reason: Results of supplementary serviceability tests at main spar booms for wings proved that service life of GRP-sailplanes maybe increased up to 12000 hours, if airworthiness of each single sailplane is checked according to a special multiple-stage inspection program as included in the Maintenance Manual.

Material and Instructions: **Enter pages as given below in Maintenance Manual against Edition Sep. 2005:**

LS6:

1-1, 1-2 Log of Revisions / Pages included
5-1 and 5-2 Inspection Sequence to increase Service Life

LS6-a:

1-1, 1-2 Log of Revisions / Pages included
5-1 and 5-2 Inspection Sequence to increase Service Life

LS6-b:

1-1, 1-2 Log of Revisions / Pages included
5-1 and 5-2 Inspection Sequence to increase Service Life

Enter performance TB 6026 into TB-AD-Accomplishment List.

Remarks: Inspections required in chapter "Inspection sequence to increase Service Life" of Maintenance Manual should only be carried out at the manufacturer or at an adequately licensed repair shop. The inspection programme can be ordered from DG Flugzeugbau stating **model, S/N and total time of flight.**

Results of inspections must be recorded in an inspection report, commenting to each inspection step. If inspections are not carried out at the manufacturer, a copy of the report must be sent to him for analysis.

EASA-approved:

EASA approved on **29.11.2005** under Approval No.: **EASA.A.C.02233**

Prepared: 26. October 2005	Verified: <i>Schapka</i>
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