



CANCELLED 15.03.2016

REFER MANUFACTURERS CURRENT DATA

GFA AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: DG-500 M.

SUBJECT: Extension of service life to 12000 hours and manual amendments.

BACKGROUND: Overseas fatigue testing have shown that the service life of the DG-500 M may be increased to 12000 hours. The manuals have also been updated to reflect the latest experience.

DOCUMENTATION: Glaser-Dirks Technical Note 843/7 which forms part of this AD.

ACTION REQUIRED: Before 30 November 1996 update the Flight and Maintenance Manuals in accordance with Technical Note 843/7. Pages are available from the GFA Secretariat.

The sailplane must be operated and maintained in accordance with revised manuals including the inspections to increase the service life.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION: Manual amendments may be performed by the Certificate Holder.

Life extension inspections must be certified by persons rated for both Survey FRP and Annual Inspections on the DG-500 M.

Other Maintenance must be done by appropriately rated persons.

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: Jonathon Shand

For and on behalf of:

CHIEF TECHNICAL OFFICER AIRWORTHINESS

THE GLIDING FEDERATION
OF AUSTRALIA

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LBA anerkannter Luftfahrttechnischer Betrieb AA 179

Technical note
No. 843/7

Page 1 from .1.

SUBJECT : Increase of service time,
Manual revision

EFFECTIVITY : DG-500 M all serial No's.

ACCOMPLISHMENT : At the next annual inspection, at the
latest

REASON : 1. The results of fatigue tests have demon-
strated that the service life can be ex-
tended to 12.000 h flight hours.
The access holes necessary for the in-
spections have been installed already
during production.
2. In some countries the TBO's recommended
by Rotax are regarded only as recommen-
dations and are not mandatory. Therefore
the TBO data will be taken out of the
DG-500 M maintenance manual.
3. Manual revision
4. Special pages requested by the FAA are
incorporated in this revision.

INSTRUCTIONS : Exchange the following manual pages against
the new pages dated Febr. 1996, marked
TN 843/7.
Flight manual:
0.1, 0.3, 0.4, 0.5, 2.6, 2.8, 2.10, 4.12,
4.13, 5.9, 6.5, 6.9, 7.17, 7.18, 8.2, 8.6.
Maintenance manual:
1, 2, 3, 4, 5, 6, 24, 25, 26, 32, 37, 37a -
37d, 38, 40, 42, 49, 50, 52, 59, 77, 85,
85a-b, 88, 89, 90, 92, diagram 6,8,13,
drawing 5E1

MATERIAL : Manual pages see above

REMARKS : Instructions may be executed by the owner
himself. They are to be inspected and
entered in the aircraft logs by a licensed
inspector with the next annual inspection.

Bruchsal 4, date Febr.19,96

LBA - approved:

The German original of this TN has
been approved by the LBA under the
date of 9. April 1996 and is signed by
Mr. Fendt. The translation into Eng-
lish has been done by best knowledge
and judgement.

Author: W. Dirks

Type certification inspector: A. Lange