



Airworthiness Directive

D-2005-196

Luftfahrt-Bundesamt

Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
G E R M A N Y

DG-Flugzeugbau

Effective Date: 14 June 2005

Affected:

Kind of aeronautical product:	Sailplane
Manufacturer:	DG-Flugzeugbau, Bruchsal, Germany
Type:	DG-300
Models affected:	DG-300, DG-300 ELAN, DG-300 ELAN ACRO, DG-300 CLUB ELAN, DG-300 CLUB ELAN ACRO
Serial Numbers affected:	All Serial Numbers
German Type Certificate No.:	359

Subject:

Increase of service life and revision of the appropriate maintenance manual.

Reason:

The results of fatigue tests performed by the manufacturer have demonstrated that the service life of the sailplane type DG-300 and its above mentioned models can be extended to 12.000 flight hours (TSN, time since new).

Action:

The following actions are required by this airworthiness directive:

1. Increase of service life to 12.000 flight hours (TSN, time since new).
2. Revision of the maintenance manual (MM) by in sorting of the following pages:

MM DG-300:	0.2, 1, 2, 3, 8, 17a, 25, 26, 26a
MM DG-300 ELAN:	0.2, 1, 2, 3, 8, 17a, 25, 26, 26a
MM DG-300 ELAN ACRO:	0.2, 1, 2, 3, 8, 17a, 25, 26, 26a
MM DG-300 CLUB ELAN:	0.2, 1, 2, 3, 8, 17a, 29, 30, 30a
MM DG-300 CLUB ELAN ACRO:	0.2, 1, 2, 3, 8, 17a, 29, 30, 30a

Note 1: The new maintenance manual pages were marked with TN 359/23 and dated on February 2005.

Note 2: The necessary access holes for service time extension inspections have been installed during production.

All necessary actions must be performed on the basis of the DG-Flugzeugbau Technical Note No. 359/23 of 3 February 2005.

Compliance:

All necessary actions must be accomplished immediately after the effective date of this airworthiness directive.

Technical publication of the manufacturer:

DG-Flugzeugbau Technical Note No. 359/23 of 3 February 2005. This technical note becomes herewith part of this AD and may be obtained from:

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EASA-Approval

Approved by EASA under approval-No. 2005-5844 on 10 June 2005.