



GFA AIRWORTHINESS DIRECTIVE

CANCELLED 9.02.2017
REFER MANUFACTURERS CURRENT DATA

TYPE AFFECTED: Nimbus 3/24.5

SUBJECT: Extension of service life to 12,000 hours and Supplement to Maintenance Manual.

BACKGROUND: Tests have shown that the service life of GFRP/CFRP sailplanes may be extended to 12,000 hours, subject to adherence to a multi-stage inspection program to be incorporated into the Maintenance Manual.

DOCUMENTATION: Luftfahrt-Bundesamt (LBA) Airworthiness Directive No 2002-357 forms part of this AD.

ACTIONS REQUIRED:

1. Obtain Schempp-Hirth Technical Note No 286-34 and incorporate the Supplement into the Maintenance Manual.
2. Carry out life extension inspections, using "Inspection program for extending the service time", obtainable from the manufacturer.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION:

Action 1 - before the next Form 2 inspection.

Action 2 - starting at 6000 hours total time in service.

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



**Airworthiness
Directive
2002-357**

Luftfahrt-Bundesamt
Airworthiness Directive Section
Hermann-Blenk-Str. 26
38108 Braunschweig
Federal Republic of Germany

Schempp-Hirth

Effective Date: November 14, 2002

Affected:

Kind of aeronautical product:	Sailplane
Manufacturer:	Schempp-Hirth, Kirchheim/Teck, Germany
Type:	Nimbus-2
Models affected:	Nimbus-3/24,5
Serial numbers affected:	all
German Type Certificate No.:	286

Subject:

Extension of the service time and Supplements of the Maintenance Manual

Reason:

The results of fatigue tests (subsequently carried out on wing spar sections) have demonstrated that the time in service of GFRP/CFRP sailplanes may be extended to 12000 hours, provided the airworthiness of each individual aircraft is evidenced by a special multi-stage inspection program, which is then to be incorporated into the Maintenance Manual.

Facilitation of maintenance by supplementing the Maintenance Manual.

Action:

Insert revisions of pages into the Maintenance Manual and, whenever one of the various limits in service time is reached, an inspection according to an „Inspection program for extending the service time“ which may be obtained from the manufacturer, is to be performed.

The actions must be done in accordance with the Technical Notes of the manufacturer.

Compliance:

The action must be performed on reaching a service time of 6000 flight hours or before the next annual inspection - whichever comes first.

Technical publication of the manufacturer:

Schempp-Hirth Technical Note No. 286-34 dated September 23, 2002 which becomes herewith part of this AD and may be obtained from Messrs.:

Schempp-Hirth
Flugzeugbau GmbH
Postfach 14 43

D- 73222 Kirchheim / Teck
Federal Republic of Germany
Phone: ++ 49 7021 7298-0
Fax: ++ 49 7021 7298-199

Holders of affected aircraft registered in Germany have to observe the following:

Action has to be accomplished by the owner of the aircraft or an approved service station and to be checked and entered in the log book by a licensed inspector.

As a result of the a.m. deficiencies, the airworthiness of the aircraft is affected to such an extent that after the expiry of the a.m. dates the aircraft may be operated only after proper accomplishment of the prescribed actions. In the interest of aviation safety outweighing the interest of the receiver in a postponement of the prescribed actions, the immediate compliance with this AD is to be directed.

Enquiries regarding this Airworthiness Directive should be referred to Mr. Olaf Schneider, Airworthiness Directive Section at the above address, fax-no. 0049 531/2355-720. Please note, that in case of any difficulty, reference should be made to the German issue!