



GFA AIRWORTHINESS DIRECTIVE

CANCELLED 07.02.2017
REFER MANUFACTURERS CURRENT DATA

TYPE AFFECTED: Ventus a, Ventus b, Ventus a/16.6, Ventus b/16.6, Ventus b/16 and Ventus c. All serial numbers.

SUBJECT: Extension of service life.

BACKGROUND: Fatigue tests on fibre composite wings and wing spars have demonstrated that a service life expectancy of 12000 hours can be reached for these structural components. As these fatigue test programs did not examine the entire aircraft made of fibre composite, the service life of 12000 hours can be granted only if the long-term airworthiness of each individual aircraft is demonstrated in a special multi-stage inspection program (over and above the mandatory annual C of A inspections) for the purpose of increasing the service life. This has to be incorporated in the Maintenance Manual.

DOCUMENTATION: Schempp-Hirth Flugzeugbau GmbH Technical Note No. 349-24. Copies of the affected Manual pages can be received from the GFA office on request. TN No. 349-24 is part of this AD.

ACTION REQUIRED: Exchange of pages in the Maintenance Manual as outlined in TN No. 349-24.

WEIGHT AND BALANCE: Not affected.

COMPLIANCE: Action must be done when reaching a service life of 6000 flight hours, but not later than 31-August 1999. Accomplishment of actions to be entered in the aircraft log book by an inspector rated for annual inspections.

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: T Geiger

CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

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OF AUSTRALIA

Subject : Extension of the service time

Affected : Sailplanes model "Ventus a", "Ventus b", "Ventus a/16.6"
 "Ventus b/16" and "Ventus c"
 (F.R.G. Type Certificate No. 349) - all serial numbers

Urgency : On reaching a service time of 6000 flight hours,
 but not later than March 31, 1999

Reason : The results of fatigue tests (subsequently carried
 out on wing spar sections) have demonstrated that the
 time in service of GFRP/CFRP sailplanes and powered
 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.

Actions : Amendments of the Maintenance Manual
 (insert revised pages dated October 1998 and destroy
 superseded pages)

	Ventus a	Ventus b	Ventus a/16.6	Ventus b/16.6	Ventus c	Title
Page	1	1	-	-	-	Table of contents
Page	2a	2	2	2	I	Amendment list
Page	33	33	30	30	30	Inspection program for ex- tending the service time
Page	34	34	30A	30A	30A	

Model "Ventus c": The list of effective pages is to be amended accordingly

Material

Weight

C/G position : Not affected

Note : Accomplishment of actions to be entered in the
 aircraft log book by a licensed inspector.

Kirchheim/Teck, October 27, 1998

Issued:

(H. Treiber)

LBA-approved:

The German original of this Technical Note
 has been approved by the LBA under the
 date of . . . 02. Nov. 1998 . . .
 and is signed by Mr. . . . Friedt . . .
 The translation into English has been
 done by best knowledge and judgement.