

**92-360/2 Schempp-Hirth****Date of issue:****0 8. Jan. 1993****Affected powered sailplanes and sailplanes:****SCHEMPH-HIRTH**

<b>Powered Sailplanes</b>	<b>Certificate-No.</b>	<b>Serial-Nos.</b>
Janus CM Janus CT	809	up to 36 up to 19
Ventus bT Ventus cT Ventus cM	825	all up to 174 up to 84, 86 and 87
Nimbus-3T	831	all
Nimbus-3DT Nimbus-3DM	847	up to 55 up to 24
Discus-bT	863	up to 100

<b>Sailplanes</b>	<b>Certificate-No.</b>	<b>Serial-Nos.</b>
Standard Cirrus G	278	all
Nimbus-2B, -2C, -3 and -3/24.5	286	all
Janus B, C and Ce	295	up to 284
Mini Nimbus B & C	328	all
Ventus a, b, a/16.6 and b/16.6 Ventus c	349	all up to 568
Discus a and b Discus CS	360	up to 446 up to 98
Nimbus-3D	373	up to 11

**Subject:****Vertical elevator actuating rod inside the fin****Reason:**

By coincidence of unfavourable circumstances, the rubber bellows sealing the vertical elevator actuating tube at the upper end rib of the fin may become filled with water, which -with the elevator secured in "fully up" position- may enter the steel tube through the telltale hole (for the threaded rod end) and accumulate at the lower end of actuating tube.

A failure of this control rod due to corrosion - directly above the welded seam of the U-shaped rod end - is therefore possible

**Actions:**

Perform a load test of the elevator control system in accordance with Schempp-Hirth Technical Notes.

If no objections can be raised as to the perfect function of the elevator control, then the change of the vertical elevator actuating tube be carried out in accordance with Schempp-Hirth Technical Notes.

Compliance:

- 1) Before the next flight perform a load test of the elevator control system.  
If objections can be raised as to the perfect function of the elevator control system, change the elevator actuating rod before the next flight.
- 2) If no objections can be raised as to the perfect funktion of the system, change elevator actuating rod as follow:
  - a) year of manufacture: until 1987 and with tube thickness 0,5 mm  
at latest on June 30, 1993
  - b) year of manufacture: 1988 and later and with tube thickness 0,5 mm  
at latest on December 31, 1993
  - c) year of manufacture: all and with tube thickness 1,0 mm  
at latest on December 31, 1993

Technical publication of the manufacturer:

Schempp-Hirth Technical Note No.: 831-8 dated October 30, 1992 and No.: 809-9, 825-17, 847-4, 863-3 dated November 20, 1992 and No.: 278-33, 286-28, 295-22, 328-10, 349-16, 360-9, 373-5 dated November 19, 1992 which becomes herewith part of this AD and may be obtained from Messrs.

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Accomplishment and log book entry:

Action to be accomplished by an approved service station and to be checked and entered in the glider's log by a licensed inspector.

Note:

This Airworthiness Directive supersedes AD-No. 92-360 dated November 12, 1992.