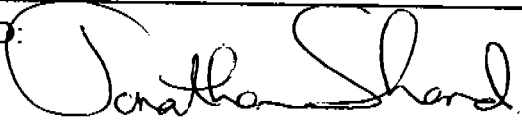


THE GLIDING FEDERATION OF AUSTRALIA

GFA AD 471
(ISSUE 1)

GFA AIRWORTHINESS DIRECTIVE

- TYPE AFFECTED:** Nimbus 4DM up to serial number 20.
- SUBJECT:** Capacity of the wing fuel tanks.
- BACKGROUND:** Tests have shown that the capacity of the wing fuel tanks is less than that stated in the manuals and placards. This may cause fuel starvation on long range flights as there is less fuel than the placards show.
- DOCUMENTATION:** Schempp-Hirth Technical Note 868-1 that forms part of this AD.
- ACTION REQUIRED:**
1. Before 30 April 1997 the Flight and Maintenance manuals must be amended in accordance with Technical Note 868-1.
 2. Before 30 April 1997 update the placards showing the wing fuel capacity to reflect the correct fuel capacity.
- WEIGHT AND BALANCE:** Not affected
- IMPLEMENTATION:** The Certificate Holder may amend the manuals and update the placards.
- 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:  CHIEF TECHNICAL OFFICER AIRWORTHINESS		For and on behalf of: THE GLIDING FEDERATION OF AUSTRALIA	
GFA AD 471	ISSUE: 1	4 March, 1997	Page 1 of 2

Schempp-Hirth Flugzeugbau GmbH Postfach 14 43 D-73222 Kirchheim unter Teck LBA-Nr. I B 5		TECHNICAL NOTE NO. 868 - 1	Page No. 1 No. of pages 1
<u>Subject</u>	:	Capacity of fuel tank in inbd. wing panel(s)	
<u>Affected</u>	:	Powered sailplane model "Nimbus-4DM" (F.R.G. Type Certificate No. 868) • S/N 1 through 20 (standard on all others)	
<u>Urgency</u>	:	Actions to be accomplished at latest on the occasion of the next annual inspection	
<u>Reason</u>	:	Less wing tank capacity as demonstrated by re-measurements	
<u>Actions</u>	:	1. Removal of the present cockpit placard, attachment of the revised version 2. <u>Amendments to the Flight Manual</u> (amended pages dated November 1996) Page 0.1.2 - Record of revisions Page 0.2.3 - List of effective pages Page 0.2.6 - List of effective pages Page 2.4 - Power plant, fuel and oil Page 5.3.2.3 - Range 3. <u>Amendments to the Maintenance Manual</u> (amended pages dated November 1996) Page 0.1.1 - Record of revisions Page 0.2.3 - List of effective pages Page 8.5 - Placards and pictograms <u>NOTE:</u> The above actions may be conducted by a qualified person and are to be entered in the aircraft log book	
<u>Material</u>	:	The cockpit placard may be obtained from Schempp-Hirth Flugzeugbau GmbH	
<u>Weight/ C/G position</u>	:	Not affected	
Kirchheim/Teck, November 21, 1996 Issued: <i>H. Treiber</i> (H. Treiber)		<u>LBA-approved:</u> The German original of this Technical Note has been approved by the LBA under the date of <i>29.11.96</i> and is signed by Mr. <i>Walter</i> . The translation into English has been done by best knowledge and judgement.	