GFA AN 76
(ISSUE 2)

AIRWORTHINESS ADVICE NOTICE

TYPE AFFECTED: ASK 13.

SUBJECT: Miscellaneous airworthiness information.

BACKGROUND: This AN records airworthiness information which is useful to know.

APPROVED MODIFICATIONS:

Installation of a nose wheel

Alexander Schleicher Technical Note No 8a describes the optional installation of a nose wheel in place of the skid. Copies of this Technical Note may be obtained from the GFA Secretariat on request.

Installation of a tailwheel.

Alexander Schleicher Technical Bulletin No. 9 describes the optional installation of a tailwheel. Copies of this Technical Note and the appropriate drawings may be obtained from the GFA Secretariat.

Weight Increase

GFA Engineering Order EO 97-1 justifies and approves a possible weight increase on all ASK 13 sailplanes to a maximum of 16 kg. The actual increase for each sailplane depends on the centre of gravity position of the wings.

Operators of the ASK 13 who wish to take advantage of the weight increase must have the aircraft weighed and complete the attached Appendix A to this AN and return it to the GFA secretariat where the CTOA will determine the allowable weight increase.

Regardless of the actual weight increase the following conditions will apply to all operations at the increased weights.

a) Aerobatic manoeuvres except spins are not permitted.

SIGNED: Jonathan Shard CHIEF TECHNICAL OFFICER AIRWORTHINESS	For and on behalf of: THE GLIDING FEDERATION OF AUSTRALIA

b) A Functional 'g' meter must be installed in the front instrument panel. Note: installing the 'g' meter in the rear panel will result in lower g readings so installation in the front panel is required. Pilots should also be aware that the reading on the 'g' meter will double during the ground roll and the meter should be zeroed just after take-off.

c) New placards must be installed as follows:

AEROBATIC MANOEUVRES EXCEPTING SPINS PROHIBITED IN SPECIAL CATEGORY

WEAK LINK (WINCH/AUTOTOW) MIN 840 kg MAX 1000 kg

MAXIMUM NORMAL LOAD FACTOR IN SPECIAL CATEGORY = 3.8 g

IF A FUNCTIONAL G METER IS NOT FITTED, OPERATION AT THE SPECIAL CATEGORY WEIGHTS IS NOT PERMITTED

A placard must also be fitted which shows the combined pilot weight limitations similar to that shown in sections 5.3 b) of the GFA Manual of Standard Procedures Part 3 Airworthiness. This placard will be provided by the CTOA.

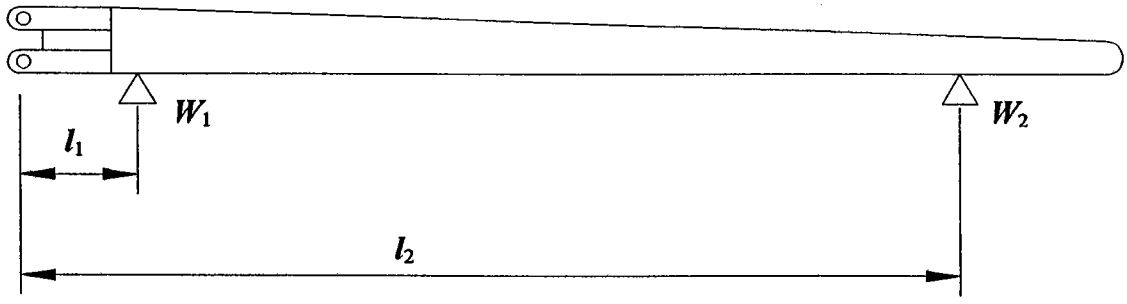
d) If the maximum permissible normal load factor of 3.8 g is inadvertently exceeded then the wing must undergo an inspection for damage by a person rated as a 'Replacement of Components' for wood and steel tube.

APPENDIX A
APPLICATION FOR A PAYLOAD INCREASE

I hereby apply for a payload increase for the ASK 13 VH- _____

The glider has been weighed by a Weight and Balance Authorised Inspector and the weighing sheet is attached.

The wings have been weighed to determine their centre of gravity position. The dimensions l_1 and l_2 should be measured from the centre of the main wing pin holes and should be accurate to within ±0.010 m (±10 mm).



	Left wing	Right Wing
l_1 (m)		
l_2 (m)		
W_1 (kg)		
W_2 (kg)		

Signed ..... Date .....