



# THE GLIDING FEDERATION OF AUSTRALIA

Level 1/34 Somerton Road, Somerton. Vic, 3064

MAR no:	1
ISSUE:	2

## MANDATORY AIRWORTHINESS REQUIREMENTS

### GLIDER/POWERED SAILPLANE TYPES AFFECTED:

All new gliders/powered sailplanes submitted for issue of an Australian Certificate of Airworthiness after compliance dates shown below.

### BACKGROUND:

From time to time the GFA Technical Committee and Board will issue, in the interest of safety, specific requirements to be met by new sailplanes seeking an Australian Certificate of Airworthiness. This M.A.R. will be re-issue as new requirements are raised, to show details of requirements and compliance date.

### SPECIFIC REQUIREMENTS:

#### **1. TRIM BALLAST**

(a) **COMPLIANCE DATE: 30<sup>th</sup> AUGUST, 1980**

All gliders/powered sailplanes imported into Australia after the nominated date to be fitted with fixed means of securing trim ballast.

(b) **COMPLIANCE DATE: 30<sup>th</sup> MARCH, 1982**

Sufficient trim ballast will be provided to produce a minimum pilot weight of 55kg with minimum operational equipment fitted to the glider/powered sailplane. (Front seat pilot weight in seat a/c).

#### **2. PILOT HARNESS** - **COMPLIANCE DATE: 30<sup>th</sup> AUGUST, 1980 (AMENDED 9/2/86)**

Seat harness in addition to complying with requirements of Air Navigation Order 108.42 are required to be fitted with an approved type quick release box of a type unaffected by acceleration forces and with lap strap adjusted operated by an upward pull action. In addition, harness webbing must show high resistance to degradation under exposure to ultra violet light.

#### **3. HEMP CORED CABLES** - **COMPLIANCE DATE: 30<sup>th</sup> AUGUST, 1980**

Gliders or powered sailplanes fitted with hemp cored flexible cables in their control systems will not be accepted for issue of an Australian C. of A. or renewal of its Maintenance Release. All flexible cables in glider or powered sailplane control systems are required to be an approved aircraft quality standard.

**COMPLIANCE:** The requirements set out are mandatory for issue of an Australian Certificate of Airworthiness after the nominated dates, issued pursuant to Air Navigation Regulations under delegated authority from the Secretary of the Department of Aviation.

Issued By:	Chief Technical Officer Airworthiness	Date: 9.2.86
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