

GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS/POWERED SAILPLANES: GFA AD/198 BRASOV 5
ISSUE 2
DATE 13th October, 1981

GLIDER/POWERED SAILPLANE AFFECTED: 1S-28B2

SUBJECT: Ailerons & system rigging

BACKGROUND:

Issue 1, dated 23/4/81, contained data provided by the Manufacturer which has proven to be incorrect. This issue fully replaces Issue 1 with new aileron system rigging data shown on sheet 2.

A number of operators of 1S28 B2 gliders have reported unpleasant handling characteristics when flying in turbulent conditions such as when passing through the tug aircraft's slipstream or in thermalling flight. Investigation has revealed discrepancies in the rigging adjustments in the aileron control circuits. However the glider's maintenance manual does not contain sufficient information to fully define correct adjustment.

As a result of correspondence with the manufacturers they have carried out tests and determined the additional information to establish correct aileron control circuit adjustment.

REQUIRED ACTIONS:

1. The attached illustration "positioning of aileron control levers "0" position" is to be inserted in the maintenance manual.
2. A check to ensure correct adjustment is to be made within 25 further hours in service and push rod length adjustment made as, and if, necessary.

AILERON FABRIC

Some cases of stitching failure, between the aileron lower surface fabric and the ribs have been reported, and may contribute to unpleasant aileron control.

ACTION REQUIRED:

1. Daily inspection

Underside fabric to be checked for security of attachment to ribs.

2. Loose or broken stitching should be made good as soon as possible but no later than the next 100 hr inspection.

INFORMATION:

Should the rigging dimensions on Sheet 2 be found to be doubtful, and/or loose fabric is found, advice to the CTO/A will ensure that the manufacturer is kept abreast of our problems.

COMPLIANCE:

The requirements of this Directive are mandatory. This Directive is issued pursuant to Air Navigation Regulations under delegated authority of the Secretary of the Department of Transport.

Douglas Lyon

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DATE 13/10/81

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PREP.
BY M. Burns

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