

GLIDING FEDERATION OF AUSTRALIA.

AIRWORTHINESS DIRECTIVE GLIDERS

REF No. GFA/AD 192 SZD 10

GLIDER TYPES AFFECTED: SZD 48 and 48/1 Standard Jantar 2, all serial numbers.

Background: Reports have been received of the split pin securing the lower rudder hinge of the subject glider type failing in service as a result of shearing. It appears that bouncing of the tail end of the fuselage during take-off, landing and ground movements has led to progressive shearing of the split pin under vertical loading.

Later models of this glider type have a nut securing the lower hinge in place of a split pin, but it is not known at what serial number the change was made.

Required actions:

1. Inspect the rudder hinges and their attachment to the fin and rudder structure. If the lower hinge is fitted with a split pin to secure the rudder in place the hinge pin is to be replaced with a modified hinge pin having a slotted nut and split pin to secure the rudder in place. If there is any distortion or damage to either the hinges or their attachment to the structure the hinges and/or their attachment are to be repaired in an approved manner before further flight.
2. After any hard landing or severe bumping of the tail end of the fuselage the hinges of the rudder and fin and their attachments to the structure are to be inspected for damage and appropriate action taken as necessary.

COMPLIANCE.

Action 1 is to be carried out before further flight.

Action 2 is to be carried out immediately following any hard landing or severe vertical bump to the rudder or rear fuselage.

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

Modified rudder hinge pins may be obtained from the Distributor, Adams Aviation, 403 Avro St, Bankstown Airport, NSW 2200.

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