

THE GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS:

GFA/AD 183 EIRIAVION OY 16

GLIDER TYPE AFFECTED: PIK 20 All variants.

DEFECT DETAILS: Possible damage to Rudder cables.

BACKGROUND:

In a recent inspection, damage to a rudder cable was detected. The problem was similar to that set out in Airworthiness Directive GFA/AD 102, except in this case damage to the cable fairlead was not caused by the "Tucker" nut but by an excessively long bolt.

REQUIRED ACTION: Within 25 hour in service from receipt of this directive carry out the following:

1. Remove the landing gear operating mechanism situated on the right-hand side of the cockpit wall and inspect the nylon tube fairlead for the rudder cable for fracture or wear in the area adjacent to the bolts and tucker nut which secure the landing gear operating rod bracket.
2. If the nylon tube is fractured or indented, replace the rudder cable 7x7x³/₃₂ dia. MIL-W-1511 cable. If the removed cable shows evidence of wear in the region of the subject bracket bolts, the nylon fairlead tube will also require to be replaced.
3. The extra length of the bolts is only necessary when initially engaging the tucker nuts. The bolt may be cut short so that they just fully engage the tucker nut or a shorter bolt used.
4. Ensure that the nylon fairlead is positioned so that the cable run is as near straight as is possible.

COMPLIANCE:

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

Douglas Lyon

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Date of issue: 18th July, 1980