

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF TRANSPORT

AIR TRANSPORT GROUP

AIRWORTHINESS DIRECTIVE - GLIDERS

GFA/AD 57/PILATUS 2

Glider Types Affected: Pilatus B4 - PC11

Background:

Information has been received in respect of service bulletins 1002 and 1003 relating to possible trapping of the rudder control in the crotch strap attachment brackets where a crotch strap is not fitted and to possible jamming of the aileron controls if bolts are incorrectly fitted.

Required Action:

- (a) If a crotch strap is not fitted, the attachment bracket is to be removed and the openings sealed over.
- (b) If the connecting bolts on the aileron control differential bellcrank are installed with the heads forward, as is conventional, the bolt end will touch the wing spar fittings and the control may consequently become jammed. For this aircraft, the correct assembly is with the bolt head rearwards.

To avoid interference arising from incorrect assembly, the bolt Part No. 116.35.11.070 must be shortened and since the connecting bolts on the airbrake control bellcrank are of the same dimensions and therefore interchangeable, these bolts must also be shortened.

Compliance:

The above action (a) is to be carried out if necessary before flight. Check for correct installation of aileron bolts and if correct, shortening of the bolts may be deferred until the next G.F.A. Form 2 Inspection, otherwise shorten bolts when correcting assembly. Compliance is mandatory. This directive is issued pursuant to the Air Navigation Regulations under the delegated authority of the Secretary to the Department of Transport.

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CHIEF TECHNICAL OFFICER AIRWORTHINESS  
GLIDING FEDERATION OF AUSTRALIA

Distribution:

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