

GLIDING FEDERATION OF AUSTRALIA

AIRWORTHINESS DIRECTIVE GLIDERS:

Ref. No. GFA/AD 187 Glasflugel 11

GLIDER TYPES AFFECTED:

Glasflugel H201 and H201B to serial No. 476  
and H301 and H301B, all serial numbers.

BACKGROUND:

Failure of a component in the elevator control circuit at the base of the control column has occurred. The nature of the failure was such that it may be expected to occur in other gliders of the subject type.

REQUIRED ACTIONS:

1. Before further flight, the elevator linkage component (see illustration of modified component) is to be inspected. Inspection is to be carried out by a holder of a Glider Inspector's Certificate D.O.T 1109 endorsed for Certificate of Airworthiness Inspectors experienced in crack detection in metals. Inspection is to be carried out using a magnifying glass with at least 5 x magnification.

This inspection must also be carried out following the application of high loads to the glider (e.g. hard landings or ground loops). If any cracks are found, the glider must not be flown until the defective component has been replaced.

2. The modified elevator linkage component according to drawing No. 301-41-4/2 is available from Glasflugel, 7318 Lenningen 1, West Germany or Australian Agent,

Edmund Schneider,  
Two Wells Road,  
GAWLER. S.A. 5118

and must be ordered before 30th October, 1980 in order to be available for replacement before 30th December, 1980 by which time existing component must be replaced.

Installation of the new component is to be inspected and certified in the glider's log book by a Glider Inspector as for Action 1 and in addition is to be independently inspected by Glider Inspector holding a Glider Inspectors Certificate D.O.T. endorsed for Daily Inspections or higher category.

No change to weight and balance results.

COMPLIANCE:

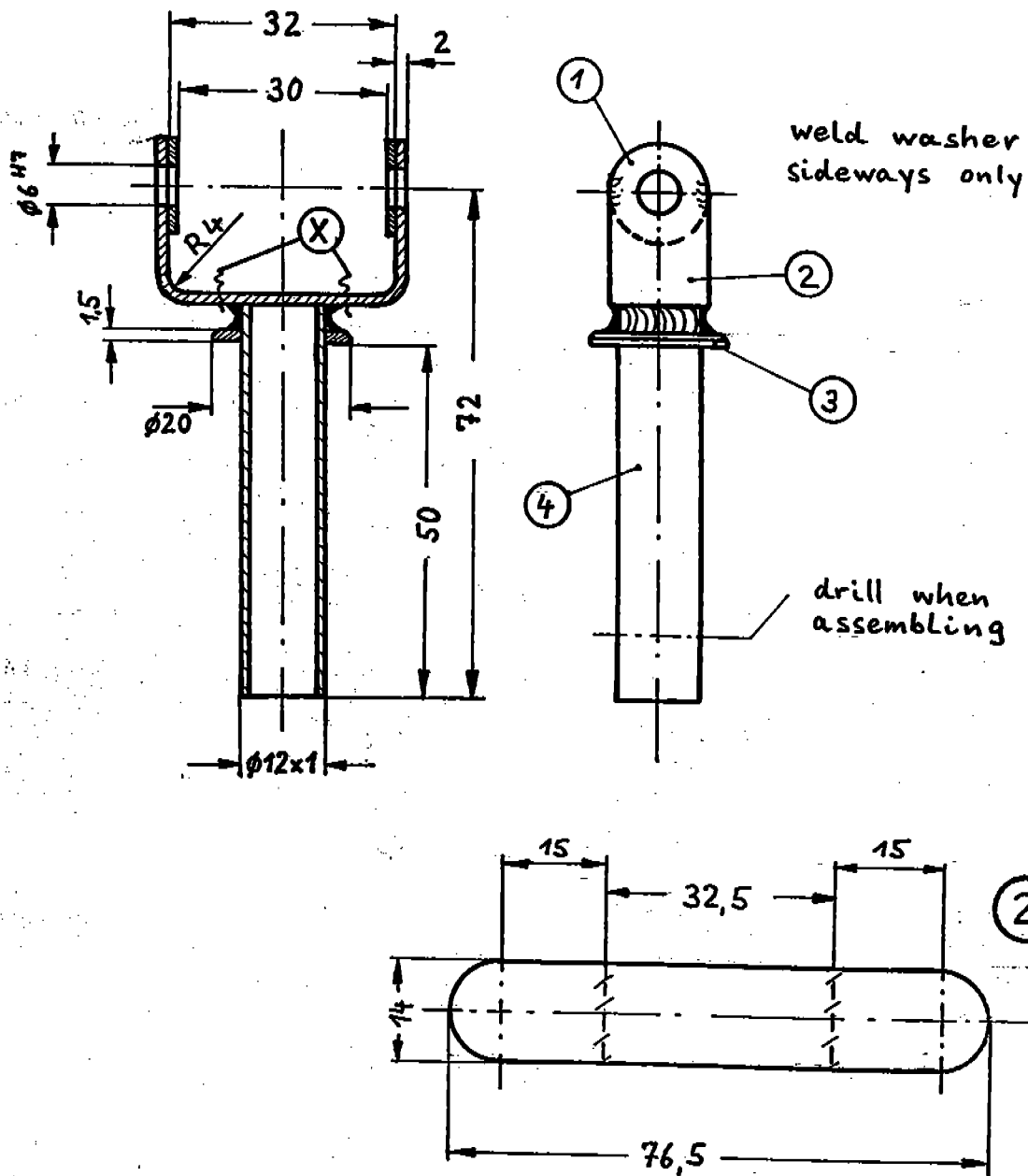
The requirements of this directive are mandatory. This Directive is issued pursuant to Air Navigation Regulations under delegated authority from the Secretary of the Department of Transport.



DOUGLAS LYON.  
CHIEF TECHNICAL OFFICER AIRWORTHINESS  
GLIDING FEDERATION OF AUSTRALIA

Date of issue 6th October, 1980

(X) Position of possible cracks on original Elevator Linkage



- |   |             |          |   |
|---|-------------|----------|---|
| ① | washer (2x) | St       | $\varnothing 14 \times \varnothing 5,5 \times 1$  |
| ② | frame       | 1.7734.4 | $76,5 \times 14 \times 2$                         |
| ③ | washer      | St       | $\varnothing 20 \times \varnothing 12 \times 1,5$ |
| ④ | tube        | 1.7734.4 | $\varnothing 12 \times 1 \times 56$               |

heat-treatment after welding: Tempering in controlled atmosphere  
1 hour at 550°C

