

M.I.C.M.U.E. – G.A.B.
AERONAUTICS MANUFACTURING COMPANY
BRASOV

Mandatory service Bulletin
no. IS-29D/C.O.-3

Approved by the Civil Aviation Command – Tarom
under no. 18978 of 04.11.1974

Product: Glider plane IS-29D
Scope; Improvement of elevator fastening
Issued based on: According to Change Sheet no. 326

Date: 12.10.1974

IS-29D/CO-3
Page ¼

1. Guidelines regarding implementation

A. Applicability

- This change shall apply to all glider planes IS-29D starting with manufacturing year 21
- The implementation interval starts upon the receipt of replacement parts. 13.01.1975

B. Grounds

This change shall improve the service safety of glider plane by a dimensional alteration of elevator fastening elements to the control system. The change complies with the requirements for long term transport of undamped trailer.

C. Description

This change shall require:

- removal of counterweight arm and elevator fastening screw to the control lever on the fin.
- replacement with new parts.

This change shall not impact the interchangeability.

D. Issuance substantiation

Change Sheet no. 326.

E. Execution

- In case of products in service:

Shall be executed by the beneficiary upon receipt of replacement parts.

- In case of products under manufacturing:

Shall apply as current change.

- In case of products on stock:

Shall be executed at the manufacturing plant.

F. Materials and costs of implementation

The materials required to implement this change are specified in Chapter 3 “data regarding the materials”. The cost of change shall be covered by the manufacturing plant.

G. Equipment

Not required.

H. Weights and balances

Not affected.

I. Baseline standard

See the drawing enclosed.

J. Affected documents

Not applicable

2. Execution Guidelines

A. Work preparation

Removal of elevator (see the guidelines in Flight Manual, page 66).

B. Execution method

(See the drawing)

Use the existing tool kit.

With a screwdriver, loosen screw no. 5 fastening arm 1 to screw 2. Tighten two check nuts M8 on screw 2 head. Locking screw 2 will unlock pin 4 and unscrew the counterweight arm 1. Then, remove screw 2 from control lever 3.

In the place of parts removed, install the new parts.

On screw 2a install the two check nuts. Insert screw 2a in control lever 3. Tighten screw 5 to lock it using screw 2a. Lock arm 1a with pin 4. Check if there is a slack exceeding 0.1-0.2mm between arm 1a and lever 3. If the slack exceeds the said value, remove the assembly and insert on screw 2a, rings 6 for slack offset. Put back the assembly, check the slack again and lock screw 3.

C. Service Guidelines

Not applicable.

3. Guidelines regarding the materials

A. Full List of Materials

New reference	Name	Position on drawing	Quantity
29D-11.02.600	Counterweight arm		
29D-11.02.23	Counterweight Pin	1a	1 piece Assembled
29D-11.02.601	Screw	2a	1 piece
MA 114-1320	Button flat head screw	5a	1 piece
29D-11.02.654	Ring /- 0.3	6	1 piece
29D-11.02.655	Ring / 0.5		1 piece
29D-11.02.656	Ring / 0.8		1 piece
Replaced reference	Name	Position on drawing	Quantity
29D-11.02.22	Counterweight arm		
29D-11.02.23	Counterweight Pin	1	1 piece Assembled
29D-11.02.27	Screw	2	1 piece

B. Delivery Guidelines

- Change sets to be ordered as per IS-29D/CO-3 from M.I.C.M.U.E. – G.A.B./ I.C.A.-BRASOV, zip code 118, fax: 012226 icaero.r

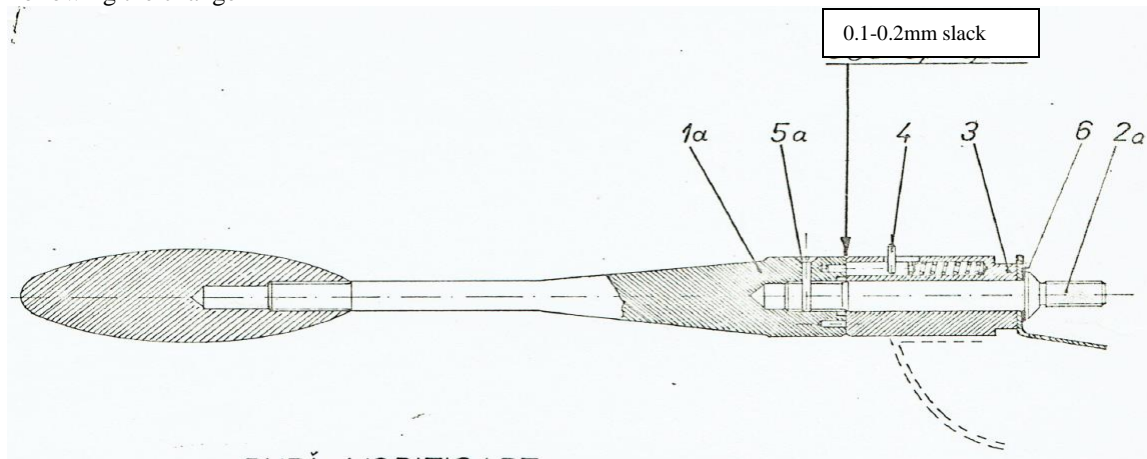
4. Identification

This change implementation shall be entered in the glider plane book.

5. Annexes

- Change drawing shall be enclosed.

Following the change



Prior to the change

