M.I.C.M. - C.N.I.A.R.
INTREPRINDEREA DE CONSTRUCTII AERONAUTICE
2200 B R A S O V

CONSTRUCTIVE MANDATORY SERVICE BULLETIN

IS-28B2/CO.18

APPROVED BY: DEPARTMENT OF CIVIL AVIATION
with no. 8219/11.08.1989

PRODUCT: IS-28B2

OBJECT: THE REINFORCEMENT OF THE LANDING GEAR ATTACHMENT AREA

COMPLIANCE: MODIFICATION CARDS:
804/3o.XI.1981 and 850/7.II.1989

1. Information Concerning the Application

A. Applicability

This bulletin will be applied to the gliders IS-28B2 S/N 323 ÷ 327 and 329 ÷ 334.
The bulletin was applied to the gliders IS-28B2 S/N 328, 335, 336, 337, 338, 339, 340.
When receiving the present bulletin the area mentioned at point 1C will be checked. If displacements of the rivets are discovered, the bulletin will be applied at the right moment. If not, the bulletin will be applied up to the date of 30.12.1989.

B. Reason

To avoid the deterioration of the landing gear, in the case of emergency landings or landings on rough ground.

C. Description

The replacement of the rivets A3,2x14-10/NA 51701, assembling the part number 30F-01-655L with part number 30F-01-504L; the part number 30F-01-654L with part number 30F-01-505L; the part number 30F-01-504L with 30F-01-651L; the part number 30F-01-505L with 30F-01-651L with the screws AM5x0,8-18/NA 50.027 and AM5x0,8-20/NA 50.027, with the nuts M5x0,8-21/NA 51.101 and washers 5-21/NA 51.201.
The corners part number 30F-01-510L are mounted, with screws, to the part numbers 30F-01-655L, irrespective to the part numbers 30F-01-654L with screws AM5x0,8-18/NA 50.027, nuts M5x0,8-21/NA 51.101 and washers 5x1-21/NA 51.201
The cut out in the rear floor, part number 30F-01-526L, will be obturate after the execution of the requiring operation, with coverings part number 30F-01-1038, fixed by rivets POP-TLP/D-321 BS.

D. Compliance

Modification cards: 804/30.XI.1981 and 850/7.II.1989.

E. Accomplishment

The modification is operated by the user, with personal qualified for such operations.

F. Material, Cost and Availability

The expres will be supported by the buyer. The materials will be delivered by the manufacturing plant, free of change.

G. Tooling

From the workship which is executing the modification.

H. Weight and Balance

Not affected.

I. Documents Affected

Then are no documents affected.

2. Using Instructions

- Two passage openings (48x120, with connecting radii R4) are cut out in the floor (30F-01-526L)
- The rivets Ø3,2x14-10/NA 51.701, which are assembling the part numbers 30F-01-655L to 30F-01-504L, irrespectively part number 30F-01-654L to part numbers 30F-01-505L and part number 30F-01-504L to part number 30F-01-651L, irrespectively part number 30F-01-505L to part number 30F-01-651L are dismounted.
- The rivets are replaced by screws AM5x0,8 nuts M5x0,8 and washers 5x1-21, according to Appendix nr. 1.
- The corner 30F-01-510L is mounted with screws, nuts, washers, on the part 30F-01-655L, 30F-01-654L and 30F-01-504L irrespectively 30F-01-505L.
- The verification of the tightening of all the nuts
- The obturation, of the cut-outs in the floor, with the coverings 30F-01-1038.

  The coverings will be fitted with 10 rivets Pop TLP/D-321/BS.

3. Material Information

A. The List of the Materials

Corner 30F.01-510L (2 pieces)

Covering 30F.01-1038 (2 pieces)

Screw AM5x0,8-18/NA 50.027 (24 pieces)

Screw AM5x0,8-20/NA 50.027 (20 pieces

Nut M5x0,8-21/NA 51.101 (44 pieces)
Washer 5x1-21/NA 51.201 (44 pieces)
Rivet POP TLP/D-321 BS (20 pieces)

B. Tooling List

- Pliers for the POP rivets
- Plug spanners (for hexagonal screws M5)
- Drilling machine, borers and drift for Ø5
- Sheet shears

C. Supply Indications

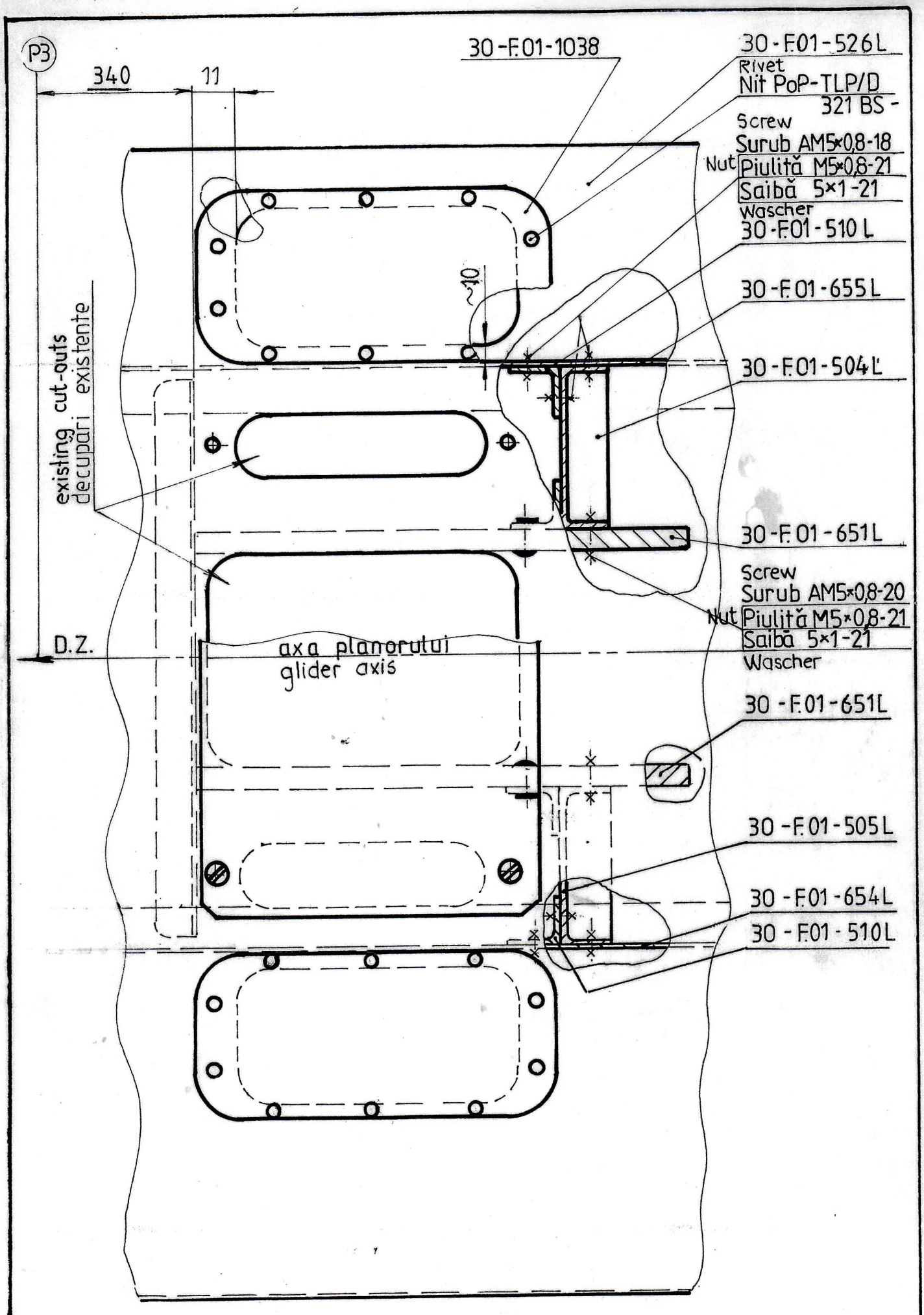
According to point 1F.

4. Identification

The application of the present bulletin will be mentioned in the glider load card.

5. Appendix - Appendix nr. 1 (shetch)

IS 28B2/CO-18



IS 28B2/CO-18

Appendix ANEXA NR.1