Aeroprakt Ltd

Address: 24, Polyova str., 03056 Kyiv, Ukraine
Email: aeroprakt.kiev@gmail.com
Phone: +38 044 496 77 21

AEROPRAKT

SERVICE BULLETIN

No. SB A32-25

REINFORCEMENT OF FORWARD WING ATTACHMENT FITTINGS OF A32 AND A32L AIRPLANES

Repeating symbols:

Please, pay attention to the following symbols throughout this document marking important information.

▲ **WARNING:** Identifies an instruction, which if not followed may cause serious injury or even death.

■ **CAUTION:** Denotes an instruction, which if not followed, may cause severe damage.

◆ **NOTE:** Information useful for better handling.

Release date: **12.12.2025**

Effective date: **12.12.2025**

Completion date:

Superseded notice: **none**

Model: **A32 and A32L**

Serial number(s) affected: **All A32 aircraft up to and including #370**
and all A32L aircraft up to and including #032

1) Planning information

1.1) Aircraft affected

All A32 aircraft up to and including #370 and all A32L aircraft up to and including #032 (with 3000 flight hours and more – mandatory, less than 3000 hours – recommended).

1.2) Reason

During a long-term operation (more than 3000 hours) under high load conditions, cracks may appear in the spar wall and in the reinforcing plate near the forward wing attachment fitting (see photo 1), which may lead to the disintegration of the aircraft in flight.

Photo 1

1.3) Subject

The spar wall and reinforcing plate of the right and left wings near the forward wing attachment fitting.

1.4) Compliance

Compliance with this service bulletin is mandatory for flight safety reasons!

▲ Failure to comply with this service bulletin may result in aircraft disintegration in flight and death of pilots.

1.5) Approval

The technical content of this Information Bulletin has been approved by Aeroprakt.

1.6) Manpower

Estimated man-hours: 3-4 manhours.

1.7) Mass data

Mass change – insignificant.

1.8) Revision of other documents

None

1.9) Spare parts

Right and left fittings, 4 bolts with nuts and rivets.

2) Spare parts information

The reinforcement parts kit is free of charge, excluding shipping costs.

3) Accomplishment / Instructions

▲ Failure to follow these instructions may result in aircraft disintegration in flight and death of pilots.

◆ Left side is shown in the photos, right side – mirrored view.

3.1) Inspect the specified areas of the wings (see photo 1). If cracks are found, stop flying! Photograph the cracks and send the photos to the aircraft manufacturer for recommendations regarding additional instructions to this bulletin.

3.2) Remove the two AN4-7a bolts shown (see photos 2 and 3).

Photo 2

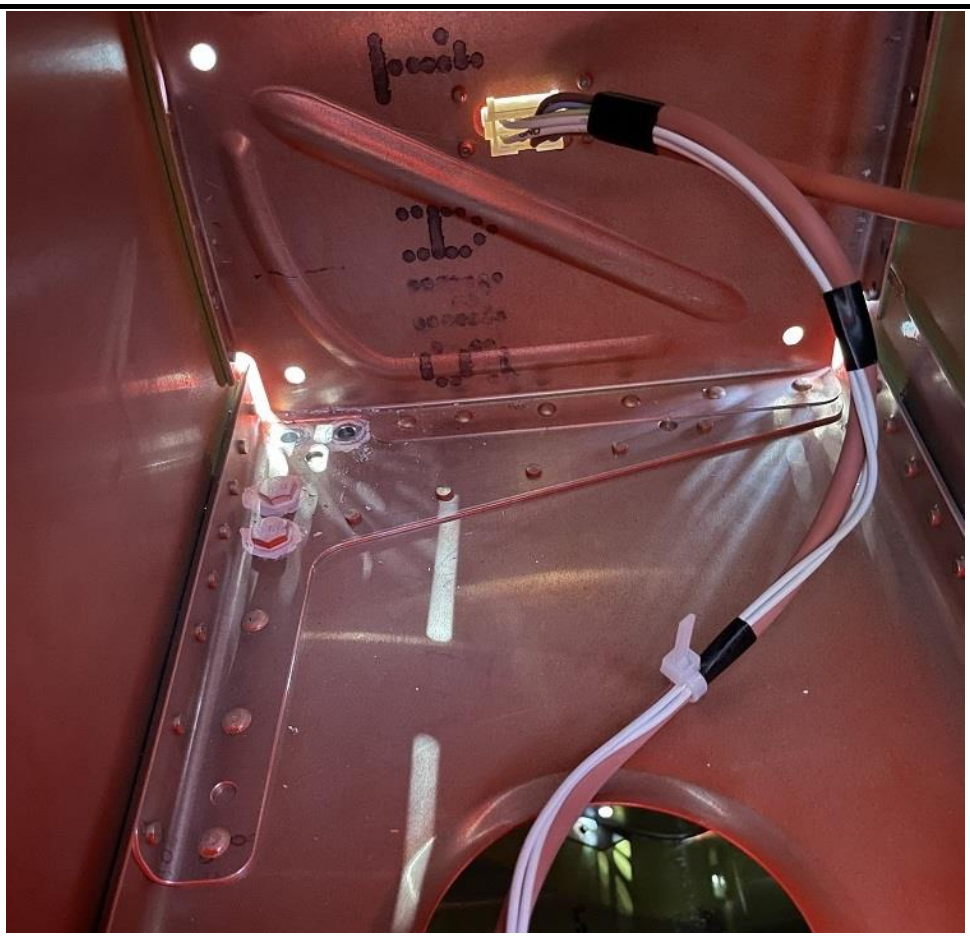

Photo 3

3.3) Drill out three rivets with a ∅3.1 drill bit (see photo 4).

Photo 4

3.4) Place the fitting (see Photo 5) from the inside on the root rib and on the spar web and flange.

Photo 5

3.5) Insert one AN4 bolt into the fitting and the spar to align the fitting and press the fitting from inside to the root rib and to the spar web and flange.

3.6) Using a ∅3.3 mm drill bit, drill three holes in the fitting through the holes in the wing skin, while securing the fitting with Clecos (see photos 6 and 7).

Photo 6

Photo 7

3.7) Pressing the fitting to the root rib drill four holes in the root rib with a ∅3.3 drill bit from the inside through the guide holes in the fitting inserting Clecos into the holes (see photos 8 and 9).

Photo 8

Photo 9

3.8) Remove the fitting and deburr the edges of the drilled holes.

3.9) Apply primer on the surfaces of the fitting adjacent to the wing structure.

3.10) Place the fitting in place, securing it with one bolt and Clecos.

3.11) Install solid rivets in the skin: two AN470AD4-6 and one AN470AD4-6.5 (see photos 10 and 11).

Photo 10

Photo 11

3.12) Install four AN470AD4-5 solid rivets along the root rib (see photos 12 and 13).

Photo 12

Photo 13

3.13) Install two AN4-11a bolts with primer (see photo 14).

3.14) Coat the fitting and fasteners with primer (see photo 15).

Photo 14

Photo 15