

AEROPRAKT SERVICE BULLETIN

No. SB A32-22

WINDSHIELD GLASS REPLACEMENT ON 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: 03.09.2025

Effective date: 03.09.2025

Completion date:

Superseded notice: none

Model: A32, A32L

Serial number(s) affected: A32 aircraft with serial No. 1-100

A32L aircraft with serial No. 1-25

1) Planning information**1.1) Aircraft affected**

A32 aircraft with serial No. 1-100;
A32L aircraft with serial No. 1-25.

1.2) Reason

Operational experience with a 2 mm thick PETG windshield has shown that this material, when used for a long time (more than 5 years), is prone to cracking, which can subsequently lead to the destruction of the windshield in flight.

1.3) Subject

Windshield glass.

1.4) Compliance

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

1.5) Approval

The technical content of this Service Bulletin is approved by Aeroprakt.

1.6) Manpower

Estimated man-hours: 5-6 hours. Replacement is performed by the dealer or a repair shop authorized by the dealer.

1.7) Mass data

Weight change: none (when replacing with a 2 mm PETG windshield);
+1 kg (when replacing with a 3 mm acrylic glass windshield).

1.8) Revision of other documents

POH – temporary limitation of $V_{ne} = 140$ km/h (87 mph) until the glass replacement.
FMM/AMM – service life limit of 5 years for the PETG windshield.

1.9) Spare parts

2 mm PETG windshield blank or 3 mm acrylic glass windshield.

1.10) Spare parts information

Spare parts price, excluding delivery: 2 mm PETG-UV windshield blank – 180 Euro;
3 mm acrylic windshield – 650 Euro.

2) Accomplishment / Instructions

2.1) Before replacing the windshield, put a temporary red speed limit sector $V_{ne} = 140 \text{ km/h}$ (87 mph) to the airspeed indicator (see Fig. 1) and mark this temporary speed limitation in the relevant section of the POH (in any convenient way, for example, with a red pencil).

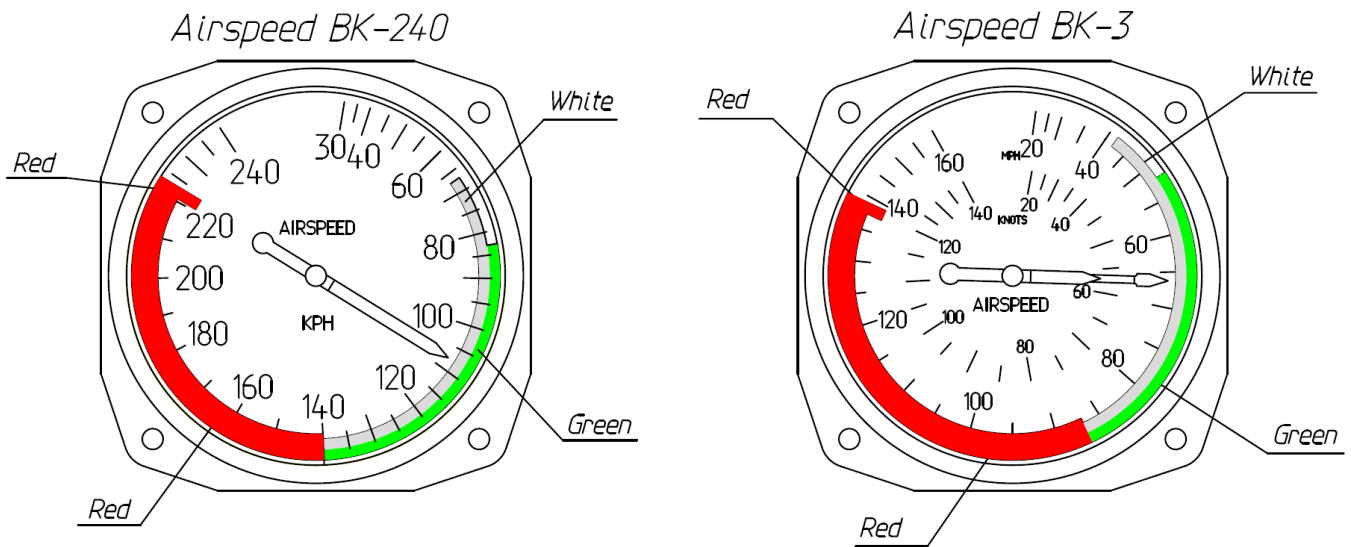


Fig. 1

- 2.2) Get the windshield glass replaced by the dealer or by a repair shop authorized by the dealer.
- 2.3) Make a record of the work performed in the aircraft log book (indicating the material of the new windshield).
- 2.4) Add an instruction in the respective section of the AMM about 5 years of service life limit for a PETG windshield (if PETG is installed).

In the AMM of A32L/A32 aircraft, in the subsection “Structures” in the INSPECTION CHART table add the following footnote:

INSPECTION CHART

Description	Inspection interval	RCO	Note
Fuselage	500 h	OC	3.1
Windscreen glass	100 h	OC*	3.2
...

* The service life of the windshield made of PETG glass is limited to 5 years.

2.5) Remove the temporary speed limitation of V_{ne} from the airspeed indicator and in the POH.