

# **AEROPRAKT SERVICE BULLETIN**

## **No. SB A22LS-29**

### **WINDSHIELD GLASS REPLACEMENT ON A-22, A-22L, A-22L2 AND A-22LS 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**Superseded notice: none**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: A-22, A-22L, A-22L2, A-22LS**

**Serial number(s) affected: All A-22 and A-22L aircraft**

**A-22L2 aircraft with serial No. 345-597**

**A-22LS aircraft with serial No. 1-360**

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

All A-22 and A-22L aircraft  
A-22L2 aircraft with serial No. 345-597  
A-22LS aircraft with serial No. 1-360.

**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 repair shops authorized by the dealer.

**1.7) Mass data**

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

**1.8) Revision of other documents**

POH – temporary limitation of Vne = 140 km/h (87 mph).  
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).

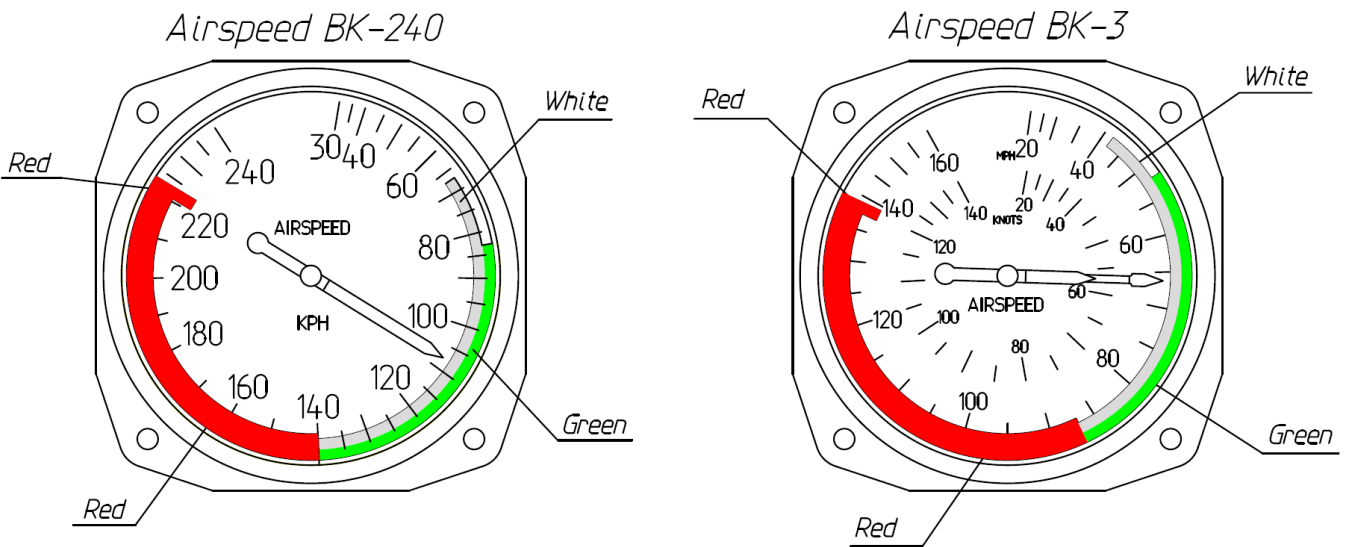


Fig. 1

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 FMM of A-22/A-22L aircraft, in the end of the subsection **2.2. Maintenance plan**, add the following sentence:

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

In the AMM of A-22L2/A-22LS aircraft, in the subsection “Airframe” (“Structures”) in the INSPECTION CHART table add the following footnote:

**INSPECTION CHART**

Description	Inspection interval	RCO	Note
Fuselage	500 h	OC	2.1
Windscreen glass	100 h	OC*	2.2
...	...	...	...

\* 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.