

AEROPRAKT SERVICE BULLETIN

No. SB A22LS-24

AMMENDMENT TO PILOT OPERATING HANDBOOK OF A-22, A-22L, A22L2, 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: 26.11.2021

Effective date: 26.11.2021

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Superseded notice: none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 serial No. 345, 350, 352-605

A-22LS aircraft serial No. 1-434

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

All A-22 and A-22L aircraft; A-22L2 aircraft serial No. 345, 350, 352-605; A-22LS aircraft serial No. 1-434.

1.2) Reason

Introduction of changes into recommendations to braking to avoid resonance of the main landing gear leg vibrations. In the result of hard braking on hard surface runways the main landing gear legs produce resonating vibrations which may cause fatigue cracks on the rear web of the transverse beam of the main landing gear attachment.

1.3) Subject

For all A-22 and A-22L aircraft, section **4.3 Flight** and subsection **Approach and landing** of the Flight and Maintenance Manual (F&MM).

For A-22L2 aircraft serial No. 345, 350, 352-605 and A-22LS aircraft serial No. 1-434, sections **5.12 Normal landing, 5.13 Short/soft field landing** of the **Pilot Operating Handbook (POH)**.

1.4) Compliance

Included in the POH of A-22LS with serial No. over 434, and A-22L2 aircraft with serial No. over 605.

1.5) Approval

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

1.6) Manpower

Estimated man-hours: 10 minutes.

1.7) Mass data

Mass change – none.

1.8) Revision of other documents

None

1.9) Spare parts

None

2) Spare parts information

None

3) Accomplishment / Instructions

3.1) In the Flight and Maintenance Manual of A-22 and A-22L aircraft, section **4.3 Flight**, subsection **Approach and landing**, after the sentence:

Use of brakes for shortening the landing run is recommended only after the nose wheel touches the ground.

add the following line:

Avoid resonant vibrations of the main landing gear legs while braking!

3.2) In the Pilot Operating Handbook of A-22LS and A-22L2 aircraft, sections **5.12 Normal landing** and **5.13 Short/soft field landing** replace the sentence:

Avoid braking at a high speed or with nose wheel up!

with the following:

Avoid resonant vibrations of the main landing gear legs while braking!