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JSC "Sportinė aviacija" General Director

Jaluah S. Skalski

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Additional operation limitations for the LAK-19 due to tail flutter reasons

JSC "Sportinė aviacija" Vice-General Director

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AB "Sportinė aviacija" Design Director

K. Juočas 2006

AB "Sportinė aviacija" Service engineer

K. Gečas 29. 0.3. 2006

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Record of revisions

Revision No.	Date	Affected pages	Revised Section No.

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1. Subject:

additional operation limitations for the LAK-19 are introduced due to the tail flutter reasons. Changes in glider's Flight Manuals are made.

The copies of the service bulletin No. **019.6.52.004A** are sent to:

- 1. Civil Aviation Administration of the Lithuanian Republic (CAA) 1 copy;
- 2. EASA RP for LAK-19, LBA, Germany 1 copy;
- 3. EASA, 1 copy;
- 4. Aviation authorities of countries, which issued Type Certificates for the LAK-19, 1 copy;
- 5. For the known owners of the LAK-19 or administration of organizations (clubs) having LAK-19 gliders 1 copy.

2. Affected:

Type: LAK-19

Manufacture: AB "Sportinė Aviacija", Pociūnai, LT-59327 Prienai, Lithuania.

Serial numbers affected: for the LAK-19: serial numbers from 001-002,005-009,011-016,018-019

Original type certificate: for the LAK- 19: TC Nr.15 issued by Directorate of Civil Aviation of the

Republic of Lithuania.

3. Reason: During test flights a reduction of the structural damping of the fuselage was detected in the speed range of 110 - 150 km/h when feet are off the rudder pedales. Necessary warnings are introduced in the glider Flight Manual until problem is solved structurally by the following SB.

4. Time of compliance: this service bulletin must be accomplished immediately after receiving it.

5. Actions

5.1 Flight operation

Warning placard has to be installed in a cockpit, at the location clearly visible for the pilot in flight:

Warning!

At the speed range 110...150 km/h it is not allowed to remove feet off the rudder pedals

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5.2 Manuals

Replace the following pages of the "Flight Manual for the LAK-19 sailplane" sailplane": page 2.2; page 3.2; and page 4.8. These pages contain the following warning concerning tail flutter:

Warning: At the speed range of 110...150 km/h it is not allowed to remove feet off

the rudder pedals. If a reduction of damping is felt, press on the both

pedals simultaniosly.

6. Mass and balance

The described actions do not affect C.G of the glider.

7. Documentation and materials

New Flight Manual pages and placard has to be ordered directly from the manufacture - AB "Sportine Aviacija", Pociūnai, LT-59327 Prienai, Lithuania.

8. Accomplishment and log entry

The owner/operator of the glider can carry out the actions described in this Service Bulletin. The compliance of this service bulletin must be checked and entered in the glider's logbook following the operator's national regulations.