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JSC “Sportin aviacija”
General Director

_____ S. Skalskis

..... 2005

Modification Bulletin No. LAK-19-MOD-001, Issue 2

Preparation of the engine compartment to convert LAK-19 into LAK-19T

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1. Subject: Installation of the engine compartment for a normal serial LAK-19 glider to prepare future conversion of the LAK-19 into LAK-19T.

2. Affected:

Type: LAK-19

Manufacture: AB “Sportin Aviacija”, Poci nai, LT-59327 Prienai, Lithuania.

Serial numbers affected: priority to s/n 004; 010; 019. Also other serial numbers when needed or requested by customer.

Original type certificate: TC Nr.15 issued by Directorate of Civil Aviation of the Republic of Lithuania, following EASA Type Certificate EASA.A.012.

3. Reason

while certification process of the LAK-19T is undergoing, some customers of LAK-19 requested to prepare their glider for future conversion to LAK-19T by installing power plant bay and power plant control components to ease future conversion of the glider.

4. Measures and documentation:

Modification can be performed only by the glider manufacture. The glider has to be modified according to the technical documentation and drawings as provided in “Documentation List LAK-19-MOD-001, Issue 2“. The only part modified is the fuselage.

5. Mass and balance

Empty weight of the glider is higher comparing to standard configuration. WNLP as indicated in TCDS should not be exceeded.

Note: The engine compartment is not allowed to be used as a baggage compartment.

6. Accomplishment and log entry

The accomplishment of this modification bulletin must be entered in the glider’s logbook.

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Documentation List LAK-19-MOD-001, Issue 2

1. Compliance Record Sheet for Modification Bulletin No. LAK-19-MOD-001, Issue 2.

2. Structural analysis of the fuselage opening for installation of the engine, report (Fiuzeliažo su išpjova varikliui atsparumo analize), 132at, 2003 08 27.

3. Set of drawings for the fuselage with the opening LAK-17AT 01 00 00 00 SB.

4. Additional parts installed in a glider:
 - 4.1 Engine extraction-retraction system LAK17AT 65 00 00 00:
 1. Engine frame unit LAK17AT 65 00 05 00;
 2. Shaft LAK-17AT 65 00 01 00;
 3. Support LAK-17AT 65 00 02 00;
 4. Pushrod LAK-17AT 65 00 03 00;
 5. Bracket LAK-17AT 65 00 04 00;
 6. Bulkhead LAK-17AT 01 05 00 00.

 - 4.2 Fuel system LAK-17AT 61 00 00 00:
 1. Fuel valve ASS& P/N 05-23325;
 2. Fuel valve control handle LAK-17AT 61 00 02 02.

 - 4.3 Electric system LAK-17AT 79 00 00 00:
 1. Cable LAK-17AT 79 01 00 00;
 2. Relays block LAK-17AT 79 03 00 00;
 3. Ground point LAK-17AT 79 06 00 00.

 - 4.4 Propeller brake control system LAK-17AT 65 02 00 00:
 1. Propeller brake handle lock LAK-17AT 65 02 01 01;
 2. Propeller brake handle LAK-17AT 65 02 01 00;
 3. Cable LAK-17AT 65 02 02 02.

 - 4.5 Engine control system: LAK-17AT 65 01 00 00:
 1. Control handle DDPA 2210 FALCON;
 2. Bracket LAK-17AT 65 01 01 00;
 3. Bowden 3 OST 1 10173-71.

 - 4.6 Power plant door control system: LAK-17AT 50 68 00 00:
 1. Arm left LAK17AT 50 68 03 00 SB;
 2. Arm right LAK-17AT 50 68 03 00 -01 SB;
 3. Bracket LAK-17AT 50 68 06 00 SB;
 4. Plate nut 3381A-6.

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- 4.7 Retaining cable LAK-17AT 64 03 00 00:
- | | |
|------------------------------------|-----------------------|
| 1. Lower cable support | LAK-17AT 64 00 01 00; |
| 2. Tube mount | LAK-17AT 64 00 04 00; |
| 3. Bolts of the bottom cable mount | DIN 933 M5x16; |
| 4. Plate for cable support | LAK-17AT 64 03 05 00. |
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- 4.8 Battery box LAK-17AT 72 10 00 00:
- | | |
|---------|-----------------------|
| 1. Box | LAK-17AT 72 10 01 00; |
| 2. Lock | 5QN 150 40. |