
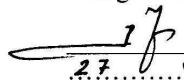


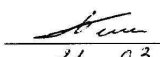
JSC "Sportinė aviacija"
General Director

Z. Vegelevičius
27.03..... 2008

Service Bulletin No.017AT.8.65.006A
Inspection shaft and bracket 580-22 of electric actuator
CARR 22 from engine extraction-retraction system

JSC "Sportinė aviacija"
Design Director


27.03..... 2008 K. Juočas

JSC "Sportinė aviacija"
Service engineer


21.03..... 2008 K. Gečas

2008

JSC "SPORTINĖ AVIACIJA"	Page 3
Service Bulletin No.017AT.8.65.006A	Pages 10

1.Subject: Inspection shaft and bracket 580-22 of electric actuator CARR 22 from engine extraction-retraction system.

The copies of the service bulletin No.017AT.8.65.006A are sent to:

- 1.Civil Aviation Administration of the Lithuanian Republic (CAA)-1 copy;
- 2.EASA RP for LAK-17AT,LBA,Germany-1 copy;
- 3.EASA for LAK-17AT-1 copy,
- 4.Aviation authorities of countries,which issued Type Certificates for the LAK-17AT-1 copy;
5. For the known owners of LAK-17AT or administration of organizations (clubs) having LAK-17AT self-sustaining powered sailplane-1 copy.

2. Affected:

Type: LAK-17AT.

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

Serial numbers affected: For all serial numbers..

Original type certificate: EASA Type Certificate A.083 21April 2006.

3. Reason: During maintenance self-sustaining sailplane LAK-17AT serial No 156 after 557 flight hours (total engine 9,67 hours) pilot detected:.

- crack on welded shaft (see Photo No 1,2),
- excessive play 3mm on the bottom bracket 580-22 of electric actuator CARR 22,
- destruction of the rubber in the bracket 580-22(see Photo No 3,4,5,6),
- destruction of the bulkhead (see Photo No7).

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

5. Actions:

- 5.1 Replace page 5/5 of the section 5 "Inspection after every 100 flight hours"of "Maintenance Manual for the self-sustaining powered sailplane LAK-17AT",
- 5.2 Replace" Record of revision",
- 5.3 Replase "List of Effective pages".

6.Mass and balance: The described actions do not affect CG of glider.

7.Documentation and materials: New pages for "Maintenance Manual for the self-sustaining powered sailplane LAK-17AT" has to be ordered directly from the manufacture-UAB "Sportinė aviacija",Pociūnai,Lithuania.

8.Accomplishment and log entry: This service bulletin has to be made by sertified person .The compliance of this service bulletin must be checked and entered in the gliders logbook following the operators national regulations.

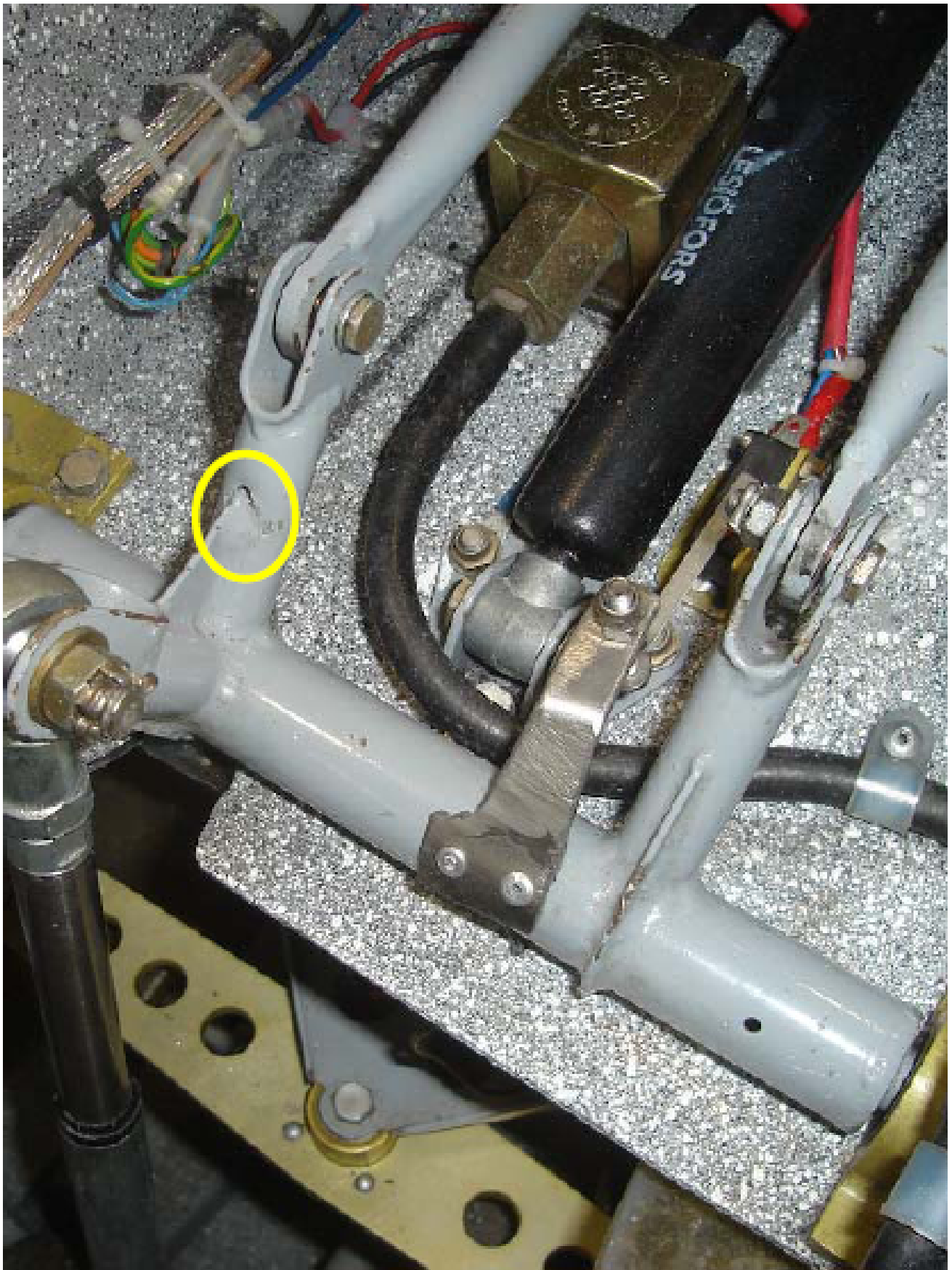


Photo No 1



Photo No 2

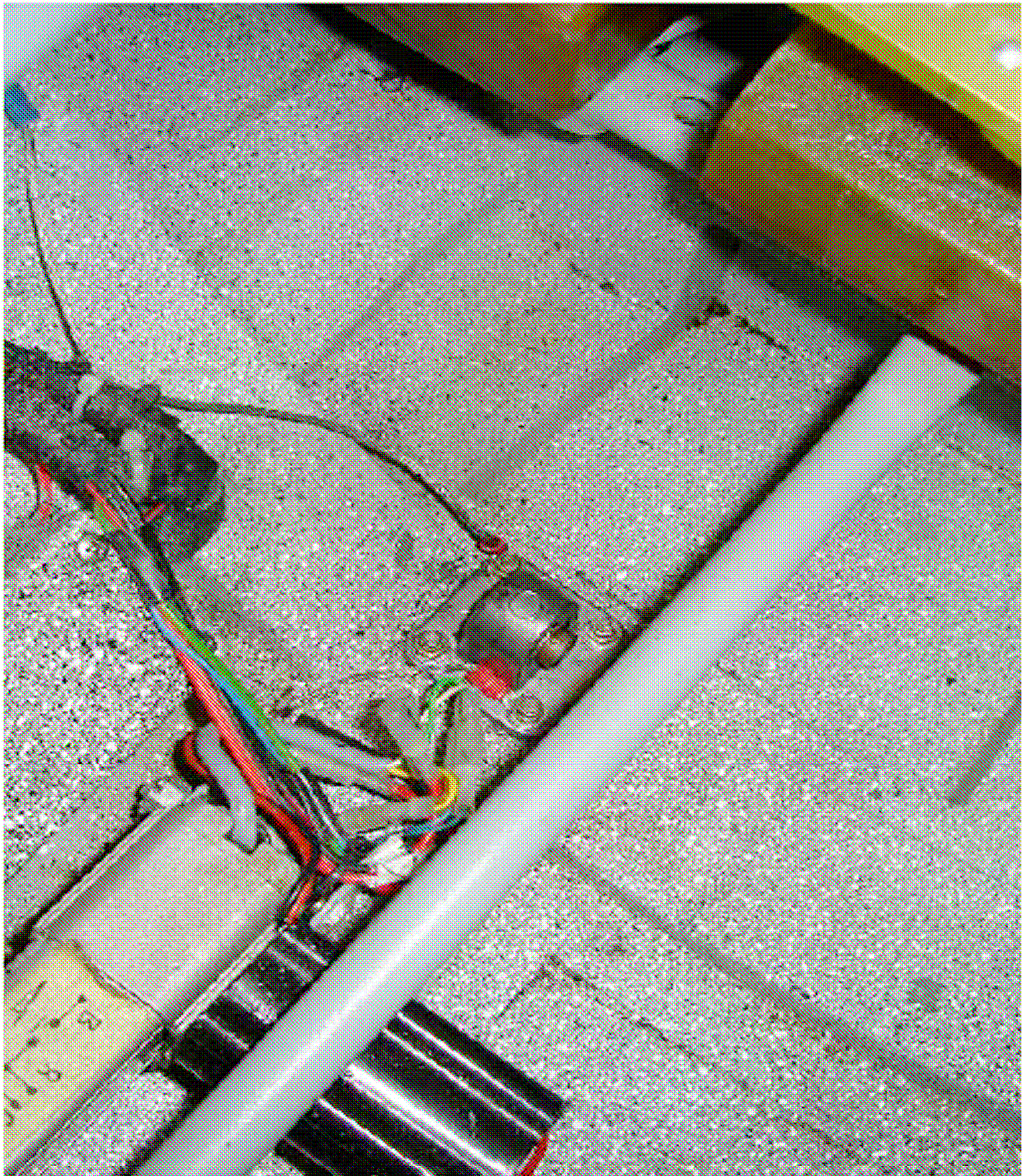


Photo No 3



Photo No 4

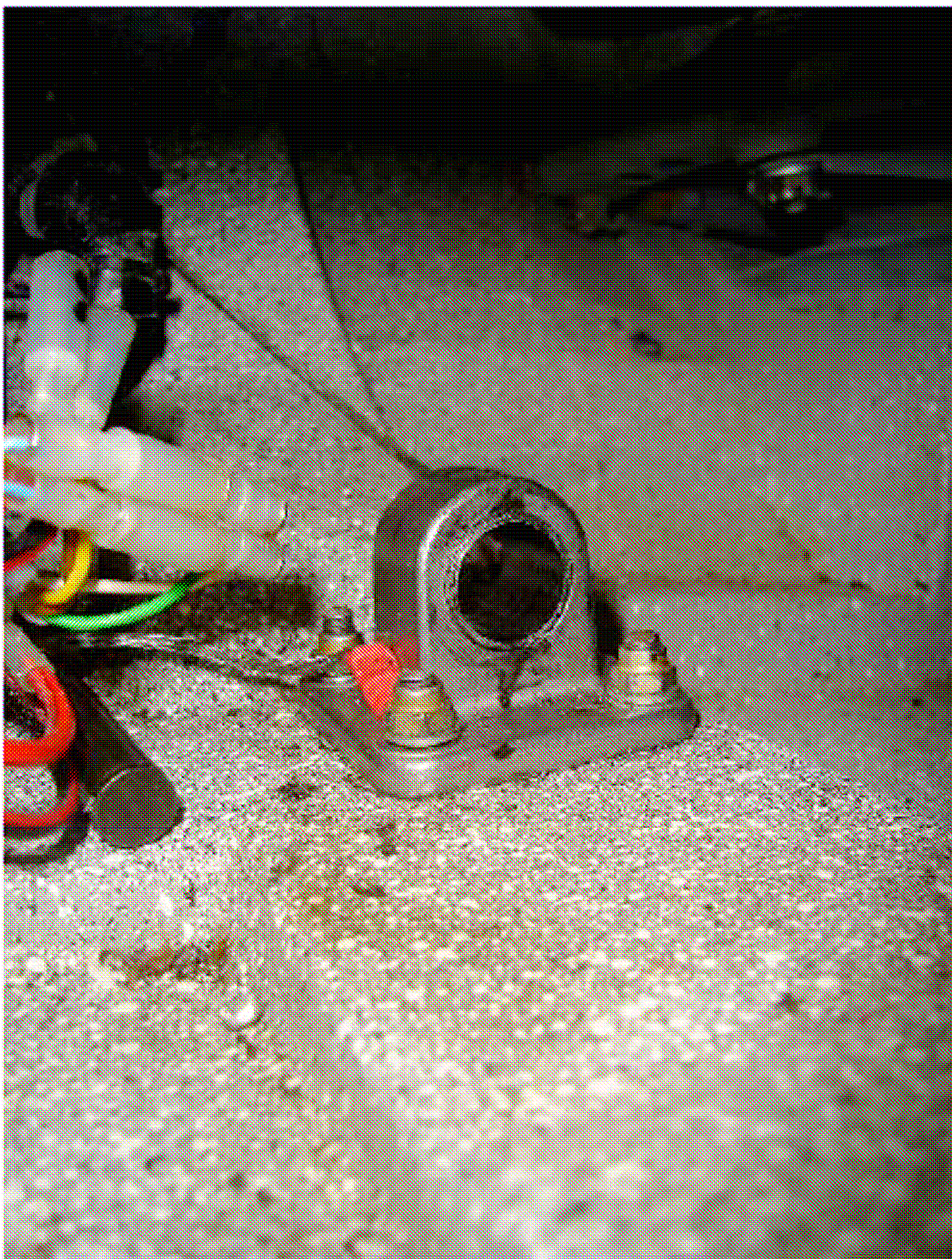


Photo No 5



Photo No 6



Photo No 7

Supplement: 3 pages according items 5.1,5.2,5.3 of this service bulletin No 017AT.8.65.006A.

LAK-17AT	MAINTENANCE MANUAL				LAK-17AT
Section	Page	Date of issue	Section	Page	Date of issue
	3/8	01 March 2006		7/12	01 March 2006
	3/9	01 March 2006		7/13	01 March 2006
	3/10	01 March 2006		7/14	01 March 2006
	3/11	01 March 2006		7/15	01 March 2006
	3/12	01 March 2006		7/16	01 March 2006
	3/13	01 March 2006		7/17	01 March 2006
	3/14	01 March 2006		7/18	01 March 2006
	3/15	01 March 2006		7/19	01 March 2006
	3/16	01 March 2006		7/20	01 March 2006
	3/17	01 March 2006	8	8/1	01 March 2006
	3/18	01 March 2006		8/2	01 March 2006
	3/19	01 March 2006		8/3	01 March 2006
	3/20	01 March 2006		8/4	01 March 2006
	3/21	01 March 2006		8/5	01 March 2006
	3/22	01 March 2006		8/6	01 March 2006
	3/23	01 March 2006		8/7	01 March 2006
	3/24	01 March 2006	9	9/1	01 March 2006
	3/25	01 March 2006			
	3/26	01 March 2006			
	3/27	01 March 2006			
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	3/29	01 March 2006			
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4	4/1	01 March 2006			
5	5/1	01 March 2006			
	5/2	01 March 2006			
	5/3	01 March 2006			
	5/4	01 March 2006			
	5/5	15 March 2008			
	5/6	01 March 2006			
	5/7	01 March 2006			
	5/8	01 March 2006			
6	6/1	01 March 2006			
7	7/1	01 March 2006			
	7/2	01 March 2006			
	7/3	01 March 2006			
	7/4	01 March 2006			
	7/5	01 March 2006			
	7/6	01 March 2006			
	7/7	01 March 2006			
	7/8	01 March 2006			
	7/9	01 March 2006			
	7/10	01 March 2006			
	7/11	01 March 2006			

Record of revisions

Any revision of the present Manual, except actual weighing data, must be recorded in the following table and in case of approved Sections endorsed by responsible airworthiness authority.

The new or amended text in the revised page will be indicated by black vertical line in the left hand margin, and the Revision No. and date will be shown on the bottom left hand of the page.

[illegible]

LAK-17AT		MAINTENANCE MANUAL	Section 5	Page 5/5 Total pages 8
1010	Check power-plant bay doors and their system			
1011	Check retaining cable for wear			
1012	Check fuel valve operation			
1013	Perform ground test run of the engine			
1014	Engine extraction\retraction system Fig.2-22, special attention for inspection shaft pos.5, bracket 580-22 of electric actuator CARR 22 pos.8 and bulkhead pos. 13			
1015				
1016				
1017				
1018				
1100	Conclusion checking			
1101	Checking records revision			
1102	Maintenance manual changes revision			
1103	Jobs according airworthiness and technical bulletins revision			
1104	Sailplane log-book records revision			
1105				
1106				
1107				

5.4 Annual inspection

It is necessary to check the sailplane every 12 months in accordance with the 100 flight hours inspection. Also:

- 1) check water ballast tanks for water leaks through the valves and water ballast control shaft.
- 2) check technical condition of safety belts and their attachments.
- 3) check technical condition and sealing of static, dynamic pressure pipes and moisture collection tanks.
- 4) Check fuel tank for leaks and clean the tank.

5.5 Inspection after rough landing, after ground loop

After rough landing, ground loop:

- 1) check surfaces of sailplane wings, the fuselage, the stabilizer and controls. Pay special attention to wings root ribs, ends of wings spars, technical condition of connection junctions of wings and fuselage, stabilizer and fin;
- 2) check friction forces of all control systems of the sailplane;
- 3) check main landing gear wheel and tail wheel and operation of wheel brake;
- 4) check the sailplane instruments and their operation;
- 5) check the power-plant extension/retraction, especially if power-plant was extracted during rough landing.