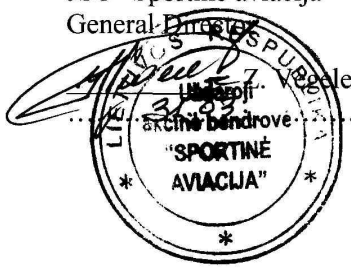
JSC "Sportinė aviacija"
General Director



Z. Vegelevičius
..... 2008

Service Bulletin No.019T.8.65.006A Inspection shaft and bracket 580-22 of electric actuator CARR 22 from engine extraction-retraction system

AB "Sportinė aviacija"
Design Director

K. Juočas
23.03. 2008

AB "Sportinė aviacija"
Service engineer

K. Gečas
20.03. 2008

2008

Record of revisions

Revision No.	Date	Affected pages	Revised Section No.

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

The copies of the service bulletin No019T.8.65.006A are sent to:

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

2. Affected:

Type: LAK-19T

Manufacture: UAB "Sportinė Aviacija", Pociūnai, LT-59327 Prienai, Lithuania.
Serial numbers affected: For all serial numbers..
Original type certificate: EASA Type Certificate No.EASA.A.012(5 August 2004);
Major Change for LAK-19T No.EASA.A.C.03733 (16 October 2006).

3. Reason: During maintenance self –sustaining sailplane LAK-17AT serial No156 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 No3,4,5,6),
-destruction bulkhead for support bracket 580-22 from engine extraction-retraction system (see Photo No 7).

4. Time of compliance: This servic bullertin 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-19T",
52 Replace "Record of revision",
53 Replace"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-19T" 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..

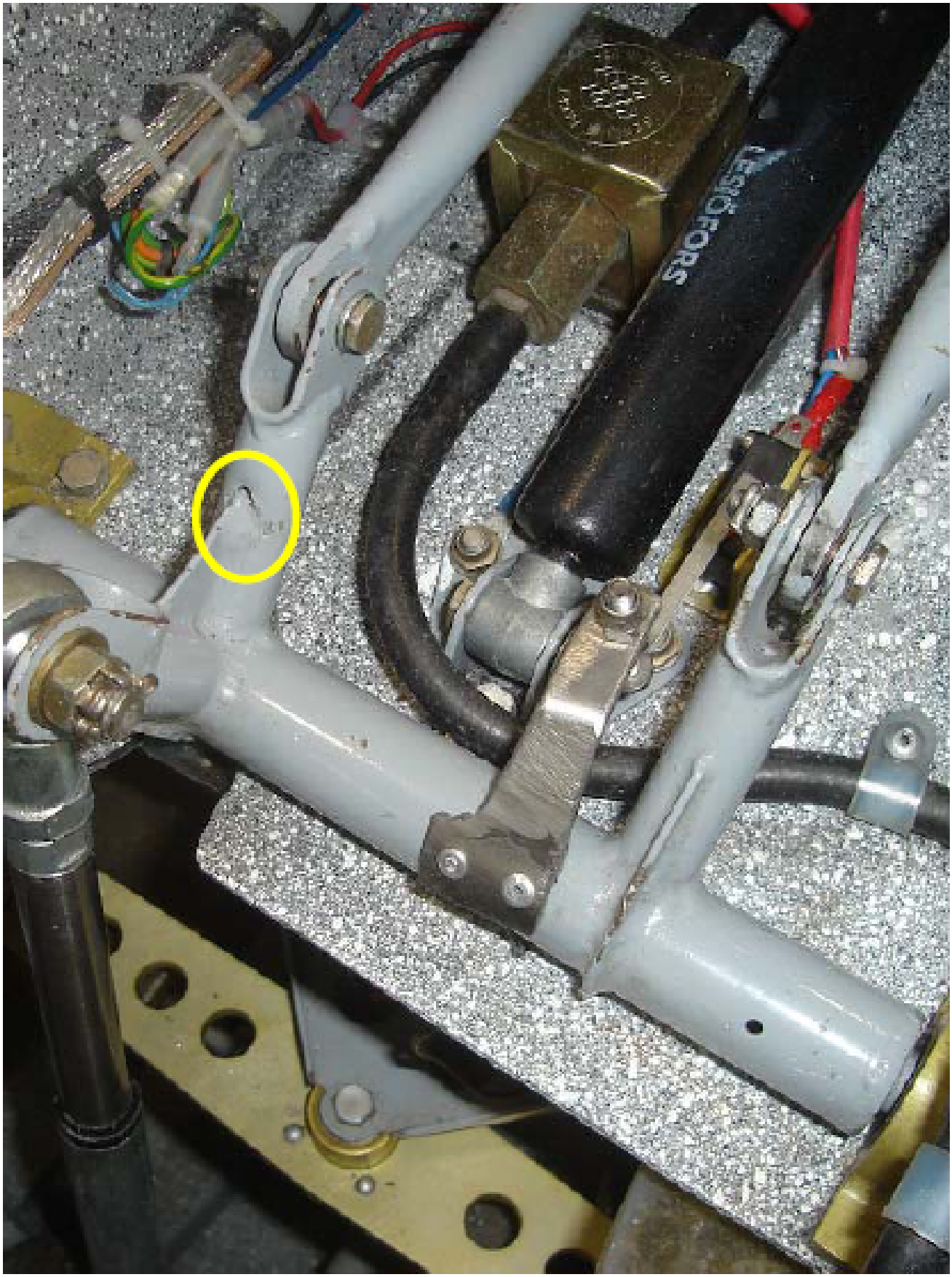


Photo No 1

Photo No 2

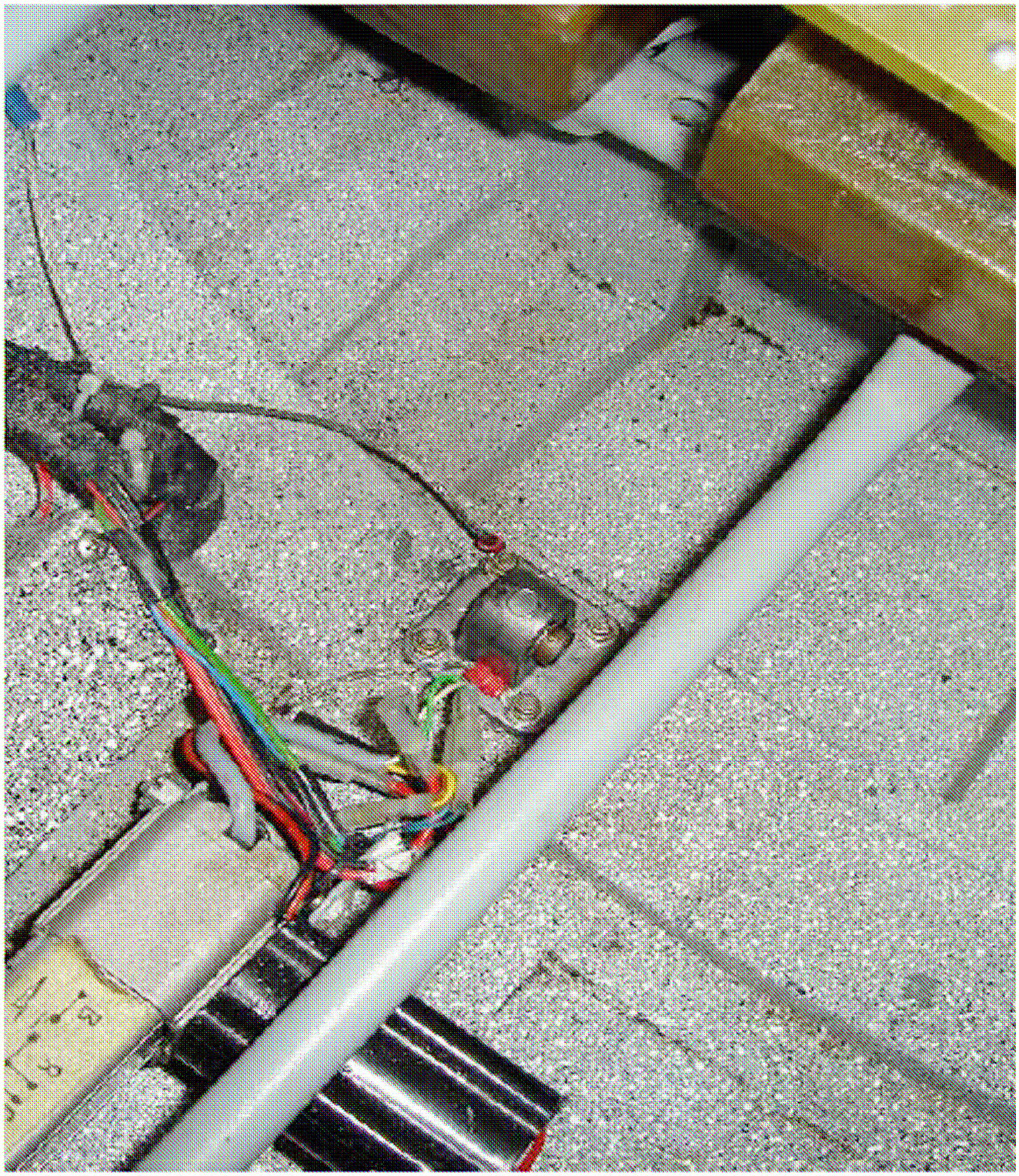


Photo No 3

Photo No 4

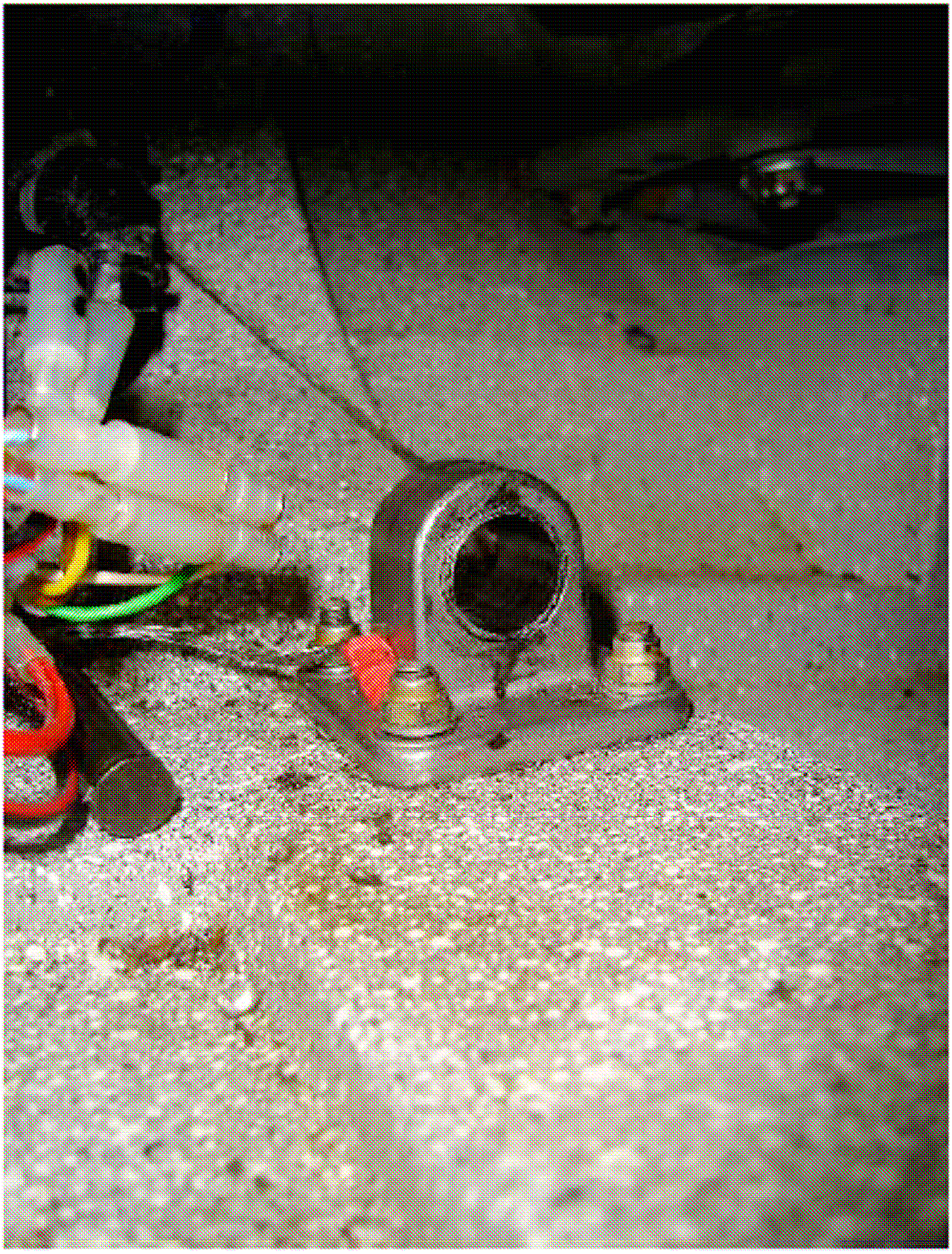


Photo No 5

Photo No 6

Photo No 7

Supplement: 3 pages according items 5.1,5.2,5.3 of this service bulletin No.019T.8.65.006A.

Section	Page	Date of issue	Section	Page	Date of issue
	3/8	01 March 2006		7/13	01 March 2006
	3/9	30 January 2008		7/14	01 March 2006
	3/10	30 January 2008		7/15	01 March 2006
	3/11	30 January 2008		7/16	01 March 2006
	3/12	01 March 2006		7/17	01 March 2006
	3/13	30 January 2008		7/18	01 March 2006
	3/14	30 January 2008		7/19	01 March 2006
	3/15	01 March 2006		7/20	01 March 2006
	3/16	01 March 2006	8	8/1	01 March 2006
	3/17	01 March 2006		8/2	30 January 2008
	3/18	01 March 2006		8/3	01 March 2006
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	3/21	01 March 2006		8/6	01 March 2006
	3/22	01 March 2006		8/7	01 March 2006
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	3/25	01 March 2006			
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	7/8	01 March 2006			
	7/9	01 March 2006			
	7/10	01 March 2006			
	7/11	01 March 2006			
	7/12	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.

Rev. No.	Affected Section	Affected Pages	Date of issue	Approval	Date of approval	Date of Insertion	Signature
Rev.1	0	i	30 January 2008				
Rev.1		ii	30 January 2008				
Rev.1	2	2/5	30 January 2008				
Rev.1		2/7	30 January 2008				
Rev.1		2/8	30 January 2008				
Rev.1		2/18	30 January 2008				
Rev.1		2/44a	30 January 2008				
Rev.1	3	3/6	30 January 2008				
Rev.1		3/9	30 January 2008				
Rev.1		3/10	30 January 2008				
Rev.1		3/11	30 January 2008				
Rev.1		3/13	30 January 2008				
Rev.1		3/14	30 January 2008				
Rev.1		3/23	30 January 2008				
Rev.1		3/27	30 January 2008				
Rev.1	5	5/3	30 January 2008				
Rev.1	7	7/4	30 January 2008				
Rev.1	8	8/2	30 January 2008				
Rev.2	5	5/5	15 March 2008				

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			
1108			
1109			

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.