



# Mandatory Bulletin

## BO-78-10-10

Aircraft Type / Model: **PW-6U Glider**

Serial Numbers: **78.03.08 ÷ 78.03.10,  
78.04.01 ÷ 78.04.09,**  
as well as all other gliders with modification  
according to bulletin BS-78-02-04 performed


Concerns: **Inspection of the rear attachment fitting of the  
horizontal stabilizer**

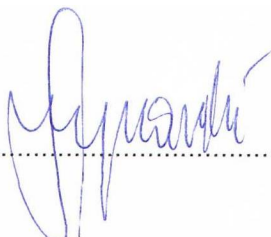
Compliance: **Immediately on receiving this Bulletin**


Distribution: **Serial no. .... Reg. no. ....**

Elaborated by:  
Responsible for Type Design  
Jerzy Cisowski, MSc. Eng.

Approved by:  
President of Zakład Szybowcowy „Jeżów”  
Henryk Mynarski

  
..... 7.06.2010  
mgr inż. Jerzy Cisowski

  
..... 07.06.2010

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## 1. Grounds for introducing the bulletin

Cracks on the lug of the rear attachment fitting of the horizontal stabilizer have been detected during the inspection of two PW-6U gliders operated by the same user. The purpose of the bulletin is to check if similar cracks have occurred on the other gliders of this type or not.

## 2. List of gliders covered by this bulletin

The bulletin concerns all PW-6U type gliders fitted with an automatic elevator control connection while the horizontal tailplane is mounted on the fuselage. These are the gliders of serial numbers from 78.04.01 to 78.04.09 produced by Zakład Szybowcowy „Jeżów”, and from 78.03.08 to 78.03.10 produced by WSK „PZL-Świdnik” S.A., as well as all the gliders produced previously by WSK „PZL-Świdnik” S.A on which the bulletin BS-78-02-04 has been performed.

## 3. Provisions

- 3.1. Carry out the inspection of the rear attachment fitting of the horizontal stabilizer:

Remove the horizontal tailplane from the glider fuselage (remove the elevator from the stabilizer if necessary). To detect potential cracks, carry out visual inspection of the rear attachment fitting of the horizontal stabilizer by means of a 5x magnifying glass.
- 3.2. Periodic inspection of the rear attachment fitting of the horizontal stabilizer is introduced, to be carried out within the 50 h inspection, 200 h inspection as well as within the post hard landing inspection.
- 3.3. The Revision No. 03 is introduced into Sailplane Maintenance Manuals listed below. The Revision concerns pages: 0-1, 0-2, 0-3, 5-3.

PW-6U/IOT/I/2000 Nm edition 2000.08.16 (German version)

PW-6U/IOT/I/03 PmM 2003.06.18 (Polish version)

PW-6U/IOT/I/03 PaM 2003.06.18 (Polish version)

PW-6U/IOT/I/03 AmM 2003.06.18 (English version)

PW-6U/IOT/I/03 AaM 2003.06.18 (English version)

PW-6U/IOT/I/03 US M 2003.11.18 (English version)

- 3.4. In case a defect is found, inform the producer giving an information about the defect size and location, the glider serial number, and its total flight hours. The damaged attachment fitting should be replaced by a new one (available from the producer), in accordance with approved repair instructions:



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#### **4. Compliance**

The inspection in accordance with item 3.1, as well as the introducing of changes into the Maintenance Manual, should be carried out immediately on receiving this bulletin.

#### **5. Final provisions**

Report the inspection according to item 3.1 has been carried out and its result to Zakład Szybowcowy “Jeżów”. The inspection completion should be entered into the Glider Log Book.

#### **6. Appendices**

Appendix 1 with photos showing the attachment fitting (subject to inspection) and its location on the horizontal stabilizer.  
The Maintenance Manual pages specified in item 3.3.

**T H E E N D**



Photo 1

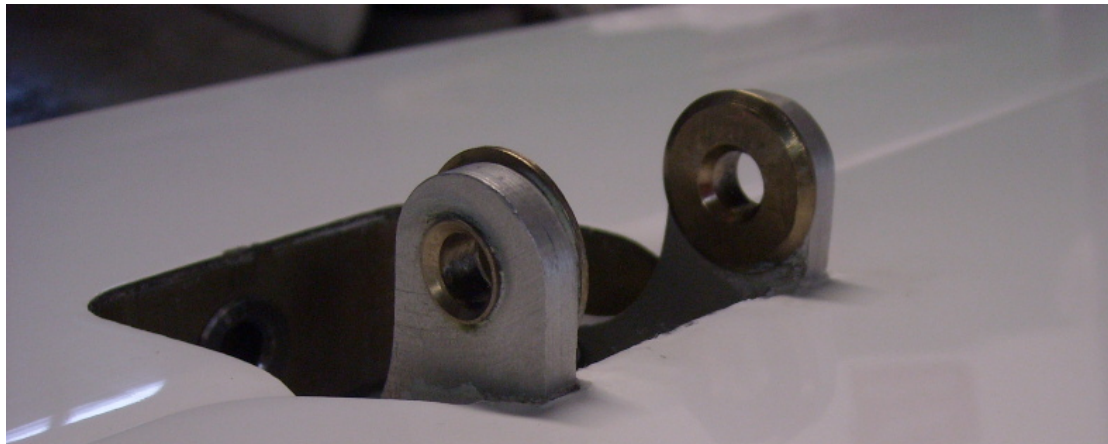


Photo 2

**PW-6U**  
Sailplane Maintenance Manual

- 13) Check condition and operation of locking devices of bolts that secure the wings and tailplane to the fuselage.
- 14) Check locking devices of fasteners in sailplane structural parts and control systems for condition and security.
- 15) Check condition and operation of the towing cable release system and hooks. The hooks should be released simultaneously.
- 16) Check condition of anti-corrosion protection of metallic parts.
- 17) Check conductivity of electrical bonding between the towing hook and the non-painted part of the control stick.
- 18) Clean and grease the parts that require lubrication as per paragraph 3.3 of this Manual.
- 19) Check control system forces as per paragraph 2.6.3 of this Manual.
- 20) Check operation of control systems.
- 21) Check the instrument pressure system for air leaks.
- 22) Check adjustment of the air brakes as per paragraph 3.4.2 of this Manual.
- 03 | 23) Check condition of the tailplane rear fitting.

**5.3 MAINTENANCE SCHEDULE**

Observe the below maintenance schedule:

Maintenance Interval	Maintenance Task as per para. 5.2
At the beginning of flying season or after the long-term storage	1 through 22
Every 50 flight hours	1, 9, 11, 12, 14, 23
Every 200 flight hours	1 through 9, 11 through 18, 23
Every 1000 flight hours	1000 flying hour inspection to be performed per this MM, para. 5.4.
After hard landing	1 through 5, 8, 11, 12, 19, 20, 21, 23
At the end of flying season or before the long-term storage	1 through 5, 9, 11, 12, 16, 18

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**0.1 RECORD OF REVISIONS**

Any revision of the present Manual must be recorded in the following table.

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

Revision No.	Affected Section	Affected Pages	Date	Approval	Date	Date Inserted	Signature
(01) 78.0151	-	0-1 0-2 0-3 3-1 3-15 3-16 3-18 3-26 3-28	20.07.04	Service Bulletin BS-78-04-08	04.01.05	11.01.05	
(02) 78-0153	-	0-1 0-2 0-3 5-1 5-3 5-4 6-2	30.11.04	Bulletin BS-78-04-09			
(03)	-	0-1 0-2 0-3 5-3	21.05.10	Mandatory Bulletin BO-78-10-10			

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**0.2 LIST OF EFFECTIVE PAGES**

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	0-3	21-05.2010	3		2-22	18.06.2003	
	0-4	18.06.2003			2-23	18.06.2003	
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	1-2	18.06.2003			2-25	18.06.2003	
	1-3	18.06.2003			2-26	18.06.2003	
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2	2-1	18.06.2003			2-29	18.06.2003	
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	2-18	18.06.2003			3-13	18.06.2003	
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	3-21	18.06.2003			8-2	18.06.2003	
	3-22	18.06.2003			8-3	18.06.2003	
	3-23	18.06.2003			8-4	18.06.2003	
	3-24	18.06.2003			8-5	18.06.2003	
	3-25	18.06.2003			8-6	18.06.2003	
	3-26	18.06.2003	1		8-7	18.06.2003	
	3-27	18.06.2003			8-8	18.06.2003	
	3-28	18.06.2003	1		8-9	18.06.2003	
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					8-11	18.06.2003	
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5	5-1	18.06.2003	2		9-2	18.06.2003	
	5-2	18.06.2003					
	5-3	21.05.2010	3				
	5-4	18.06.2003	2				
6	6-1	18.06.2003					
	6-2	18.06.2003	2				
7	7-1	18.06.2003					
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	7-3	18.06.2003					
	7-4	18.06.2003					
	7-5	18.06.2003					