



Zakład Szybowcowy „Jeżów”  
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EASA/National Certificates  
AP 143 | PL.21.G.0035 | PL.145.047

BS-78-19-11/ZSJ

PW-6U

Page 1 of 3

## Service Bulletin

### BS-78-19-11/ZSJ

Name – Type / Model: **PW-6U**

Series / Number: **All gliders produced**

Concerns: **Extension of glider service life**

Compliance: **At operator’s discretion**

Elaborated:

Head of Design Department

  
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## 1. Grounds for issuance of this Bulletin

The purpose of this Bulletin is to enable further operation of PW-6U gliders that have reached the hitherto limit of 3000 flying hours set out with the Bulletin no. BS-78-04-09. Basing on conducted fatigue tests for the PW-5 glider, presented in the Document no. PW-5/BZSK-30/V/17, as well as on the basis of a comparative analysis of the construction of PW-6U and PW-5, presented in the document no. PW-6U/RTU/I/2003, the proven service life of PW-6U glider is extended up to 4000 flying hours. The fatigue tests will be continued in order to further gradually increase the service life.

After reaching 4000 flying hours on individual glider, allowed is supervised operation based on technical condition assessment, up to 5000 flying hours at maximum.

## 2. List of gliders covered with this Bulletin

This Bulletin concerns all gliders of PW-6U type, covered with Type Certificate EASA.A.088.

## 3. Resolutions

### 3.1. Operation after reaching 3000 hours total flying time

Perform the „Overhaul after every 1000 flying hours” (SMM items 5.3 and 5.4) and still operate the glider in accordance with SMM until reaching 4000 hours total flying time.

### 3.2. Operation after reaching 4000 hours total flying time

If the glider reaches 4000 hours total flying time before the service life is increased again, allowed is supervised operation based on technical condition assessment, up to 5000 hours total flying time at maximum. Perform the „Overhaul after every 1000 flying hours” after reaching 4000 hours and additionally after 4500 hours total flying time.

### 3.3. Cables

The lifetime of cables is increased up to 12 years, without specifying the flight time limit. It is possible to extend this period to 15 years, provided the annual inspections are performed after exceeding the 12 years basic period of operation.



#### 4. Revisions to Sailplane Maintenance Manual (SMM)

Sailplane Maintenance Manual of PW-6U glider, for all glider versions, language variants and units of measurement used, is amended as follows:

- 4.1. For PW-6U gliders without automatic elevator connection, in the Sailplane Maintenance Manual, document no. PW-6U/IOT/I/2000, the following pages are replaced: 0-1/1, 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Revision 06 / Date 22.03.2019”.

- 4.2. For PW-6U gliders with automatic elevator connection, in the Sailplane Maintenance Manual, document no. PW-6U/IOT/I/03, the following pages are replaced: 0-1, 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Revision 04 / Date 22.03.2019”.

- 4.3. For PW-6U gliders with automatic elevator connection, in the Sailplane Maintenance Manual, document no. PW-6U/IOT/I/2000 Nm (version for Germany only), the following pages are replaced: 0-1(a), 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Rev No. 08 / Date 22.03.2019”

(„Rev Nr 08 / Datum 22.03.2019”).

#### 5. Compliance time

The Bulletin compliance time – at operator discretion.

For the Bulletin implementation, the glider manuals must be updated in accordance with item 4. of this Bulletin. The pages needed for the SMM update are provided by Zakład Szybowcowy „Jeżów” – the glider Type Certificate Holder.

In documentation of gliders produced after release date of this Bulletin, the revisions are introduced by glider manufacturer.

#### 6. Record of revision in glider service documentation

In a Glider Log Book, section II, insert an entry on implementation of the Service Bulletin no. BS-78-19-11/ZSJ.

THE END