



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

BS-17-19-21/ZSJ

PW-5

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Service Bulletin

BS-17-19-21/ZSJ

Name – Type / Model: **PW-5 „Smyk”**

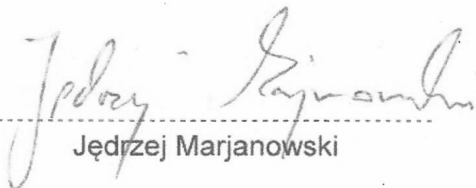
Series / Number: **All gliders produced**

Concerns: **Extension of glider service life**

Compliance: **At operator’s discretion**

Elaborated:

Head of Design Department



Jędrzej Marjanowski

Approved:

President of
Zakład Szybowcowy „Jeżów”



Henryk Mynarski



1. Grounds for issuance of this Bulletin

The purpose of this Bulletin is to enable further operation of PW-5 gliders that have reached the hitherto limit of 3000 flying hours set out with the Bulletin no. 3/PW-5/96. Basing on conducted fatigue tests, presented in the Document no. PW-5/BZSK-30/V/17, the proven service life of PW-5 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-5 „Smyk” type, covered with Type Certificate EASA.A.087.

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.

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4. Revisions to Sailplane Maintenance Manual (SMM)

4.1. In the Sailplane Maintenance Manual, document no. PW-5/IOT/II/94, for all language variants and units of measurement used, the following pages are replaced:

0-1/1, 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Revision: 08 / Date of issue: 22.03.2019”.

4.2. In the Sailplane Maintenance Manual, document no. PW-5/IOT/I/98/ARG, the following pages are replaced: 0-1, 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Revision: 04 / Date: March 22nd 2019”.

4.3. In the Sailplane Maintenance Manual, document no. PW-5/IOT/I/98/US, the following pages are replaced: 0-1, 0-2, 0-3, 5-3, 6-2.

The replaced pages are identified as „Revision: 03 / Date of issue: March 22nd2019”.

4.4. In the Sailplane Maintenance Manual, document no. PW-5/IOT/II/04/Fm, the following pages are replaced: 0-2, 0-3, 5-10, 6-2.

The replaced pages are identified as „RÉVISION 08 / 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-17-19-21/ZSJ.

THE END