

AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: KR-03A Puchatek.

SUBJECT: Modifications for issue of an Australian Certificate of Airworthiness.

BACKGROUND: During the First of Type inspection of the KR-03A Puchatek the following modifications and inspections were found to be necessary for an Australian C of A to be issued.

DOCUMENTATION: GFA MOSP Section 50 (Inspectors notes). MAR 1.

ACTION REQUIRED: The following actions must be completed:

1. Before first flight for gliders entering Australia after 31 December, 1991.
2. Before renewal of a Maintenance Release for gliders imported into Australia before 31 December, 1991

COMPLIANCE WITH SERVICE BULLETINS

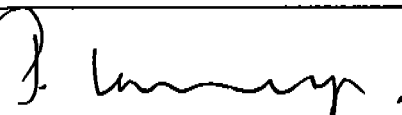
Confirm that the following Manufacturers Service Bulletins have been complied with.

1. Bulletin No BE-14/KR-03A/91. Replacement of the big torque tube by 12.9.91. Copy attached.
2. Bulletin No BE-16/KR-03A/91. Replacement of the wheel axle nut by 31.12.91. Copy attached.

MODIFICATIONS

1. Concession is given against MAR 1 for the manufactures pull down harness, type J5-00-00, provided the free tag that is used to undo the harness is removed.
2. Inspect the "T" handle for the wheel brake if it is orange in colour it must be changed to a different shaped one coloured black to avoid confusion with the release handle.
3. If an electrical system is installed it must contain a fuse between the battery and the master switch.

SIGNED:



CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

**THE GLIDING FEDERATION
OF AUSTRALIA**

4. Inspect for the presence of seals around the seat and around the harness strap holes to prevent the ingress of foreign objects. If not present these seals must be installed.
5. Inspect for the presence of a fin root leading edge seal to prevent the ingress of water. If not fitted install a seal.
6. Inspect for correct drains and install if necessary in fuselage between bulkheads (at the lowest point) in the wing panels and in the tailplane and elevator. An example of the correct place for these holes can be found in the manual of standard procedures 50-1-14-7.

FLIGHT AND SERVICE MANUAL AMENDMENTS

1. Check the Flight Manual to ensure that it contains Amendment 3 and Amendment 4 (Australian requirements) If necessary the Flight Manual is to be amended by replacing the appropriate pages. Pages affected by Amendments 3 and 4 are 0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 2.6, 2.7, 2.8, 2.9, 2.10, 2.11, 3.2, 3.3, 3.4, 3.5, 4.8, 4.9, 4.12, 5.4, 5.5, 6.2, 6.3, 6.4, 6.5, 6.10, 6.11, 7.3, 7.4, 7.7 and 7.8. These pages are available through the GFA secretariate.
2. Check the Maintenance Manual to ensure that it contains Amendment 3 and Amendment 4 (Australian requirements) If necessary the Maintenance Manual is to be amended by replacing the appropriate pages. Pages affected by Amendments 3 and 4 are 0.1, 2.3, 3.4, 5.5, 5.12, 5.13, 5.27, 5.40 and 5.41. These pages are available through the GFA secretariate.

PLACARDING

1. Install weight and balance placards as per the latest weight and balance report.
2. Install a cockpit placard as per the following:

REAR BALLAST NOT TO BE USED

3. The electrical system master switch requires an ON-OFF label.

WEIGHT AND BALANCE: Following the installation of the seals to prevent ingress of foreign objects the weight and balance characteristics of the aircraft must be confirmed by either calculation or reweighing.

IMPLEMENTATION: This inspection must be carried out by persons rated "Inspection for issue of Certificates of Airworthiness" Metal.

Re-validation of the aircraft's weight and balance must be done by persons rated "Weight and Balance" Any Type.

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COMPLIANCE:

The requirements of this Airworthiness Directive are mandatory. This Directive is issued pursuant to the Australian Civil aviation Regulations under the delegated authority of the Civil Aviation Authority (CEO42/90).

1. Reason of Bulletin's introduction.
Factory documents:

GRAR No 09/91, NS-03/22/91,
KZX No 741/KR/91.

2. Register of glider numbers which come within
the Bulletin.

From 01-01 and higher.

3. Enclosures.

No enclosures.

4. Description of changes introduced by the
Bulletin.

The Big Torque Tubes of cat.No.D1-4 or D1-12
made in accordance with the draw.No.AB.51..

500.00.00 are to be replaced by these made
acc.to the drawing No. AB.51.500.00.01.

New torque tubes are to be installed in place
of old ones. In place of 2 special washers
of cat.No.D1-7 the new two ones of cat.No.

D1-6 are to be installed/delivered together
with torque tubes by WSK "PZL - Krosno"/.

Check the proper system's work and ailerons'
deflection acc. to the Maintenance Manual.

Deflections and their tolerance are shown in
Fig.12 of the Maintenance Manual.

In case of necessity make an adjustment of
the system.

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"PZL-Krosno"
Bulletin No BE-14/KR-03A/01
KR-03A "Puchatek"

BUULETTIN No BE-14/KR-03A/91

MANDATORY

Subject: Replacement of the Big Torque Tube -
cat. No D1-4 or D1-12.

Introduction: by users of the KR-03A "Puchatek"
using parts supplied by WSK
"PZL - Krosno"

Bulletin's introduction deadline: 1991-11-20

Prepared by TT-2 WSK "PZL-Krosno" in Polish and
English languages on 1991-09-12.

Prepared by: *P. Dąbrowski*

Approved by: *Eugeniusz Pelczar* Technical Director

Eugeniusz Pelczar
Józef Brzęczek

Agreed with Ministry of Transport, Inspectorate
of Civil Aviation.

Translated by

Jan Sawicki
91-09-17

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delivered by WSK "PZL - Krosno".

The above mentioned is possible thanks to simplicity of Biulletin's introduction by a qualified mechanic.

The removed old torque-tubes are to be sent to WSK "PZL-Krosno" /if required/.

Costs of parts' manufacturing as well as costs of their delivery to users and these resulting from eventual taking the old parts back are covered by WSK "PZL-Krosno".

Time of delivery of parts necessary for Biulletin's introduction: one week before the Biulletin's introduction deadline.

Biulletin's introduction deadline: 1991-11-20. After this date flights are forbidden until Biulletin's introduction.

7. Final resolution.

A note of Biulletin's introduction is to be made in glider's Logbook.

W S K "PZL-Krosno"		Biulletin No BE-14/KR-03A/91 KR-03A "Puchatek"			
5. List of parts which are necessary for Biulletin's introduction,					
Item	Name	Drawing or Standard Number	Cat. No.	Quan- tity	Re- marks
1	Big Torque- Tube	AB.51.500.00.01	D1-4 or D1-18	1	
2	Special Washer	AB.51.000.03.00	D1-6	2	
3	Nut	3374A-6	A1-14	2	Up to s/n 02-15
4	Nut	3336A-6	D1-28	2	up to s/n 03-01
5	Split pin S-Zn-1,6x16	PN-76/M-82001	A4-15	2	up to s/n 03-01

Note: For users who are not in possession of

Spare Parts Catalogue, its pages of Nos. 25 and 26 are attached to the delivered parts.

6. Introduction.

Replacement of torque-tubes is to be done by glider's users themselves, using parts

Reason of Biulletin's introduction.

Information about a tow cable catching on a nut's split pin of the wheel axle when winch-launching.

Factory documents:

HE-03/26/91, KEN No. 742/KR/91.

2. Register of glider serial numbers which come within the Biulletin. From 01-01 and higher.

3. Enclosures.

No enclosures.

4. Description of works which are to be performed.

The Nuts /Cat.No.A2-6/ made in accordance with the drawing No. AB.41.000.06.00 are to be replaced by these made acc. to the drawing No. AB.41.000.06.01.

To do this, take the Split Pin /Cat. No.

A2-28/ out, remove the Housing /Cat.No.A2-9/ and Nut /Cat. No. A2-6/.

In place of the removed nut install the new one /drawing No. AB.41.000.06.01/ delivered by WSK "PZL-Krosno". Screw the nut home using a rod of dia.8 mm then loosen it by half a turn and put the Split Pin /Cat. No. A2-28/ delivered by WSK "PZL-Krosno" and

Biulletin No. BE-16/KR-03A/91
KR-03A "Puchatek"

BIULLETIN No. BE-16/KR-03A/91

MANDATORY

Subject: Replacement of the wheel axle's nut
- Cat. No. A2-6

Introduction: by users of the KR-03A "Puchatek"
gliders using parts delivered
by WSK "PZL - Krosno".

Biulletin's introduction deadline: 1991-12-31.
Prepared by TE-2 WSK "PZL-Krosno" in Polish
and English languages on 1991-09-20.

Prepared by: *P. Sawicki*

Approved by:

Technical Director

Brzeźczek
Józef Brzeźczek

Pełczar
Eugeniusz Pełczar

Agreed with General Inspectorate of Civil

Aviation

Translated by

Jan Sawicki

The parts are to be delivered to users at least one week before the Bulletin's introduction deadline.

Bulletin's introduction deadline:
1991-12-31.

7. Final resolution.

A note of the Bulletin's introduction is to be written down in a glider's logbook.
An empty weight of the glider is not changed.
WSK "PZL - Krosno" will make changes in the Spare Parts Catalogue.
Removed parts are to be rejected and not used as spare parts.

THE END

WSK "PZL-Krosno"		Biulletin No.BE-16/KR-O3A/91 KR-O3A "Puchatek"			
split it within a hole of dia.8 mm. Split pin ends are to be cut so as they not protrude from nut's countour. 5. List of parts which are necessary for Biulletin's introduction.					
Item	Name	Drawing or Standard Number	Cat. No.	Qty	Remarks
1	Nut	AB.41.000.06.01	A2-6	1	
2	Split Pin S-3, 2x35	PN-76/M-82001	A2-28	1	
Note: For users who are not in possession of the Spare Parts Catalogue, its page No.8 will be attached to the parts. 6. Introduction. Replacement of nuts is to be done by user himself using parts delivered by WSK "PZL-Krosno". Costs of part's manufacturing as well as costs of their delivery to users are covered by WSK "PZL-Krosno".					
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