

AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: SZD-50-3 Puchacz

SUBJECT: Inspections and modifications necessary for issue of an Australian Certificate of Airworthiness.

BACKGROUND: During the First of Type inspection of the SZD-50-3 Puchacz the following inspections and modifications were found to be necessary for an Australian Certificate of Airworthiness to be issued.

DOCUMENTATION: MAR 1, MOSP section 50.

ACTION REQUIRED: The following actions must be completed:

- a. Before first flight for gliders entering Australia after 30 July, 1992.
- b. Before issuing (or reissuing) a maintenance release for gliders entering Australia on or before 30 July, 1992.

COMPLIANCE WITH SERVICE BULLETINS

1. The trim pulley must be inspected and if necessary the special washer added in accordance with Bulletin BE-38/50-3/89 which forms part of this AD.

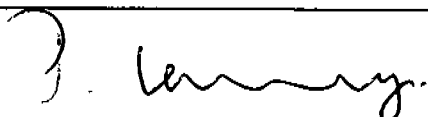
MODIFICATIONS

1. An approved type of harness must be fitted.
2. All hemp cored cables must be replaced with 1/8" galvanised steel cables using Nicopress swages.
3. Drain holes must be installed in the fabric covered control surfaces.

PLACARD ALTERATIONS

1. Weight and balance placards must be amended from pounds to kilograms.
2. A speed limit placards must be installed where it can be seen by the rear pilot.

SIGNED:



CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

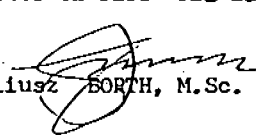
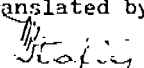
**THE GLIDING FEDERATION
OF AUSTRALIA**

AD 391	ISSUE: 1	17 June, 1992	Page 2 of 4
--------	----------	---------------	-------------

WEIGHT AND BALANCE: No effect.

IMPLEMENTATION: The requirements of this AD must be done by persons rated "Inspection for issue of Certificates of Airworthiness" Any type.

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).

PDPS "PZL-BIELSKO"	BULLETIN No BE-38/50-3/89 "PUCHACZ"	Page: 1 of: 4
BULLETIN No BE-38/50-3/89 "PUCHACZ" <u>Ref:</u> Securing of T50 cable pulley in the trimming-tab control circuit against the eventual disconnection of the bearing. <u>Way of introducing:</u> obligatory when this Bulletin is received (but not later than 31 April 1990). Elaborated in PDPS-TKE. Director of PDPS "PZL-BIELSKO"  Juliusz BORTH, M.Sc. This is the translation of the original Polish text approved by CACA. Translated by:  Wiesław Stafiej, D.Sc.		

5.5. Put on the shortened sleeve again on the screw, put on the special washer (Fig. 1) and then put on the pulley with the cable (acc. to Fig. 2). Fix the whole set with the nut and washer and tension the cable.

5.6. Check the trimming-tab deflections. Assemble the rudder.

6. FINAL STATEMENTS =====

6.1. The producer delivers the special washer (1 piece) acc. to Fig. 1 (503.63.00.32) enclosed to this Bulletin.

6.2. The introduced revision should be noticed in Glider Log Book - chapter: "Maintenance works".

- T H E E N D -

1. GROUNDS FOR INTRODUCING THIS BULLETIN =====

It has been found the case of disconnection of the bearing of T50 pulley in the trimming tab control circuit of "PUCHACZ" glider (in the set fixed to the fin spar). In respect to the above this Bulletin introduces the proper securing.

2. LIST OF GLIDER FACT. NOS COVERED WITH THIS BULLETIN =====

All the gliders of "PUCHACZ" type of Fact No B-1973 and above (the prototypes X-127 and X-129 included).

3. DESCRIPTION OF THE REVISION INTRODUCED WITH THIS BULLETIN =====

On the gliders listed in item 2 the distance sleeve should be shortened and special washer (Fig. 1) assembled into the T50 pulley set(acc.to the sketch Fig. 2).

4. LIST OF THE ENCLOSURES =====

No enclosures

5. WAY OF INTRODUCING THE REVISION =====

5.1. Disassemble the rudder (see Technical Service Manual)

5.2. Release the tension of cable (at the push-rod of trimming-tab control circuit)

5.3. Remove the nut of the screw fixing the T50 pulley (and elevator control lever) accessible through the lightening holes of the fin spar. Remove the washer and partly shift-off the screw to allow the pulley and distance sleeve to be removed.

5.4. Shorten the distance sleeve $\varnothing 9/6H7 \times 22$ by 2 mm (final lenght 20 mm).

