

THE GLIDING FEDERATION OF AUSTRALIA

GFA AD 537
(ISSUE 2)

GFA AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: SZD-50-3 Puchacz.

SUBJECT: Inspection of fuselage front bracket console.

BACKGROUND: Cracks have been found in the brackets which wrap around the front steel carry-through tube in the fuselage.

DOCUMENTATION: PZL-Bielsko Mandatory Bulletin No BE-048/SZD-50-3/2000 "Puchacz" and Polish General Inspectorate of Civil Aviation (GICA) Airworthiness Directive No SP-0059-2000-A form part of this AD.

This AD supersedes AD 537 Issue 1 of 29 June 2000.

ACTION REQUIRED: Every 100 flying hours or 12 calendar months, whichever comes first, each aircraft is to be inspected in accordance with the inspection procedure on page 2 of the above PZL Mandatory Bulletin. If any cracks longer than 3mm are found, the aircraft must be grounded. Further action will be in accordance with GFA AD 542.

If no cracks are found, or if there are cracks which do not exceed 3 mm in length, the aircraft may be returned to service and operated in accordance with its C of A for the next 100 hours or 12 calendar months.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION: Every 100 flying hours or 12 calendar months from first inspection for cracks. Inspection to be carried out by the holder of a GFA Airworthiness Authorisation for Annual Inspections.

COMPLIANCE: The requirements of this GFA Airworthiness Directive are mandatory. This Directive is issued pursuant to the Rules and Regulations of the Gliding Federation of Australia.

SIGNED:

Steve
per  CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA



PRZEDSIĘBIORSTWO DOŚWIADCZALNO-PRODUKCYJNE SZYBOWNICTWA

PZL-BIELSKO in bankruptcy

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POLSKA

Orzeczenie GILC IKCSP Nr 023

ACCEPTED BY
Syndic of „PZL-Bielsko”

on: May 30, 2000

[—]
Andrzej Sikora, M.Sc.

APPROVED BY
Chief Inspector of CAIB

on: June 6, 2000

[—]
Zygmunt Mazan, M.Sc. Eng.

MANDATORY BULLETIN No BE-048/SZD-50-3/2000 „PUCHACZ”

DESIGNATION-TYPE/MODEL: SZD-50-3 „PUCHACZ”

SERIA / NUMBER: All gliders of SZD-50-3 „PUCHACZ” type

CONCERNS: Inspection of fuselage front bracket console

COMPLIANCE TIME: On receiving this Bulletin.

ELABORATED BY:
Responsible for type design

Bogumił Bereś, M.Sc. Eng.

[—], 29.05.2000.
(signature, date)

AGREED WITH:
CAIB Division No X

Senior Eng. of CAIB
Jerzy Mędrzak, MSc. Eng.

[—], 29.05.2000
(signature, date)

Bielsko-Biała

Translated by

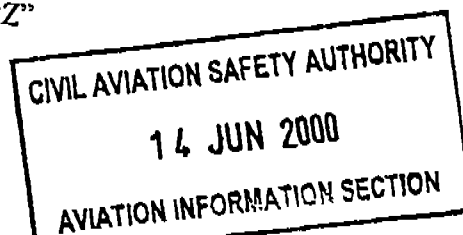
Tadeusz Zboś

RZECZPOSPOLITA POLSKA
GŁÓWNY INSPEKTORAT LOTNICTWA CYWILNEGOREPUBLIC OF POLAND
GENERAL INSPECTORATE
OF CIVIL AVIATIONREPUBLIQUE DE POLOGNE
INSPECTORAT GENERAL
DE L'AVIATION CIVILE

ul. Grójecka 17, 02-021 Warszawa, Tel. (4822) 624 42 87, Fax (4822) 629 86 89; (4822) 8225096

Warszawa, dn.05/06/2000
Warsaw, day/month/year**DYREKTYWA ZDATNOŚCI - AIRWORTHINESS DIRECTIVE**
Nr SP -0059 -2000 -A

- 1.Przedmiot: Szybowce / gliders, model: SZD-50-3 „PUCHACZ”
Product (wyrób / model, wyposażenie, numery - product name / model, appliances, numbers)
- 2.Numer Świadectwa Typu /Orzeczenia: GILC / GICA
Type Certificate/Approval Number (Nazwa Nadzoru - Name of Authority)
- 3.Dotyczy: Wykonania przeglądów konsol przedniego zawieszenia kadłuba /
Subject (opis usterki, rysunek części - description of the problem, identification of part)
Performance of inspections of fuselage front bracket console
- 4.Przyczyna wydania: Dyrektywę wydano ze względu na pierwsze informacje o wykryciu
Reason for the issuance of this AD (dla wyrobów importowanych przywołać AD Nadzoru Lotniczego kraju producenta -
for imported products „ as in AD ” point 6.)
pęknięć konsoli przedniego zawieszenia kadłuba mocowanego do wręgi przedniej / AD issued
due to first information on cracks detected in the front bracket console, mounted on front
bulkhead fuselage.
- 5.Działania korygujące: jak w Biuletynie Obowiązkowym / as in Mandatory Bulletin No.
Corrective action (dla wyrobów importowanych wpisać „ jak w AD ” pkt 6.- for imported products „ as in AD ” point 6.)
BE-048/SZD-50-3/2000 „PUCHACZ”
6. Nazwa Władz Lotniczych wydających AD: -----
Name of Aviation Authority that issued AD (dla zagranicznych AD. podać Nr i datę wydania - for foreign „AD”
give Number and date of issue).
7. Dokumentacja związana: Biuletyn Obowiązkowy / Mandatory Bulletin No.
Ref. publications (Biuletyn Obowiązkowy - Mandatory Bulletin)
BE-48/SZD-50-3/2000 „PUCHACZ”
- Niniejsza Dyrektywa Obowiązuje z dniem : 15/ 06/2000
Effectivity date of this AD: (day/month/year)



Zygmunt MAZAN

Główny Inspektor IKCSP
Chief Inspector of Civil Aircraft Inspection Board

RZECZPOSPOLITA POLSKA
GLÓWNY INSPEKTORAT LOTNICTWA CYWILNEGO

REPUBLIC OF POLAND
 GENERAL INSPECTORATE
 OF CIVIL AVIATION

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Warsaw, 05.06. 2000
 day/month/year

GLC-T1-059/00/AD

Subject: Issuance of the Airworthiness Directive

NOTICE
To Whom It May Concern

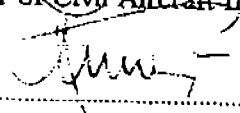
This NOTICE approves and makes Mandatory the Airworthiness Directive N°: SP-0059-2000-A,
 Dated: June 5, 2000

This Airworthiness Directive concerns: All gliders of SZD-50-3 „PUCHACZ” type
 (aircraft, engine, propeller, equipment)

Reason for the issuance of this Airworthiness Directive: First information on cracks detected in the
 front bracket console, mounted on front
 bulkhead fuselage.

Enclosures: 1. Airworthiness Directive N° SP-0059-2000-A
 2. Mandatory Bulletin No. BE-048/SZD-50-3/2000 „PUCHACZ”

Chief Inspector of Civil Aircraft Inspection Board


 Zygmunt MAZAN

PDPS "PZL-BIELSKO"	MANDATORY BULLETIN No BE-048/SZD-50-3/2000 "PUCHACZ"	Page : 2 of : 3
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1. GROUNDS FOR ISSUANCE OF THIS BULLETIN

Bulletin issued due to first information on cracks detected in the front bracket console, mounted on front bulkhead fuselage.

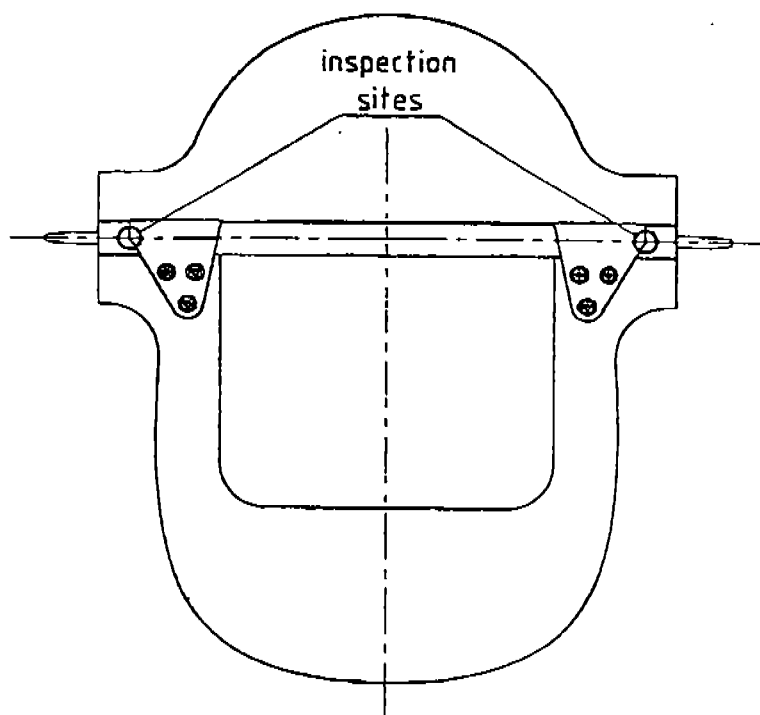
2. LIST OF FACTORY NOS COVERED WITH THIS BULLETIN

All gliders of SZD-50-3 „PUCHACZ” type.

3. INSPECTION PROCEDURE

Inspection to be held at sites indicated in the following sketch, both on front and back side of fuselage front bulkhead.

Front
bulkhead view



1. Preparatory action at sites specified in a sketch.
 - Wash-out paint from the surface, and de-grease the latter with acetone
 - Remove impurity from console surface with wire brush.
 - Pre-check the specified sites with aid of magnifying glass of 5x magnification, at least.
2. In case of doubts, employ the non-destructive magnetic-flourescent, penetrant-flourescent or penetrant-colour method accepted by Airworthiness Authority.

PDPS "PZL-BIELSKO"	MANDATORY BULLETIN No BE-048/SZD-50-3/2000 "PUCHACZ"	Page : 3 of : 3
<u>4. FINAL CONCLUSIONS</u> In case of finding on a console cracks above 3 mm, this plane should be withdrawn from operation, and producer is to be supplied by fax (No +48 33 812 37 39) with the following information: - glider Factory No, - year of production - total flying time - total amount of hour flown in aerobatics - location and size of detected crack, After collecting the necessary information, a Bulletin will be issued - one specifying the repair procedure. <u>5. ENCLOSURES</u> There are no enclosures to this Bulletin. - THE END -		