

GFA AD 465
(ISSUE 1)

GFA AIRWORTHINESS DIRECTIVE

TYPE AFFECTED: SZD-42 Jantar 2
SZD-42-1 Jantar 2
SZD-42-2 Jantar 2B

SUBJECT: Inspection of the spar spigot pin at the outer wing panel junction.

BACKGROUND: Overseas experience has shown that the spar spigots at the outer wing panel junction may work loose in the fibreglass.

DOCUMENTATION: PZL-Bielsko Bulletin BA-046/95 which forms part of this AD.

ACTION REQUIRED: Before next flight and at each annual inspection the outer wing panel junction spigots in accordance with the procedures in item 3 of bulletin BA-046/95. Special care must be taken to ensure that the pin is not overloaded while testing. A spring balance should be used to apply an accurate force.

If the pin is found to be outside the maximum freeplay tolerance the sailplane must be repaired before further flight.

WEIGHT AND BALANCE: Not affected

IMPLEMENTATION: The inspections required by this AD may be certified by persons rated for Annual Inspection FRP.

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:

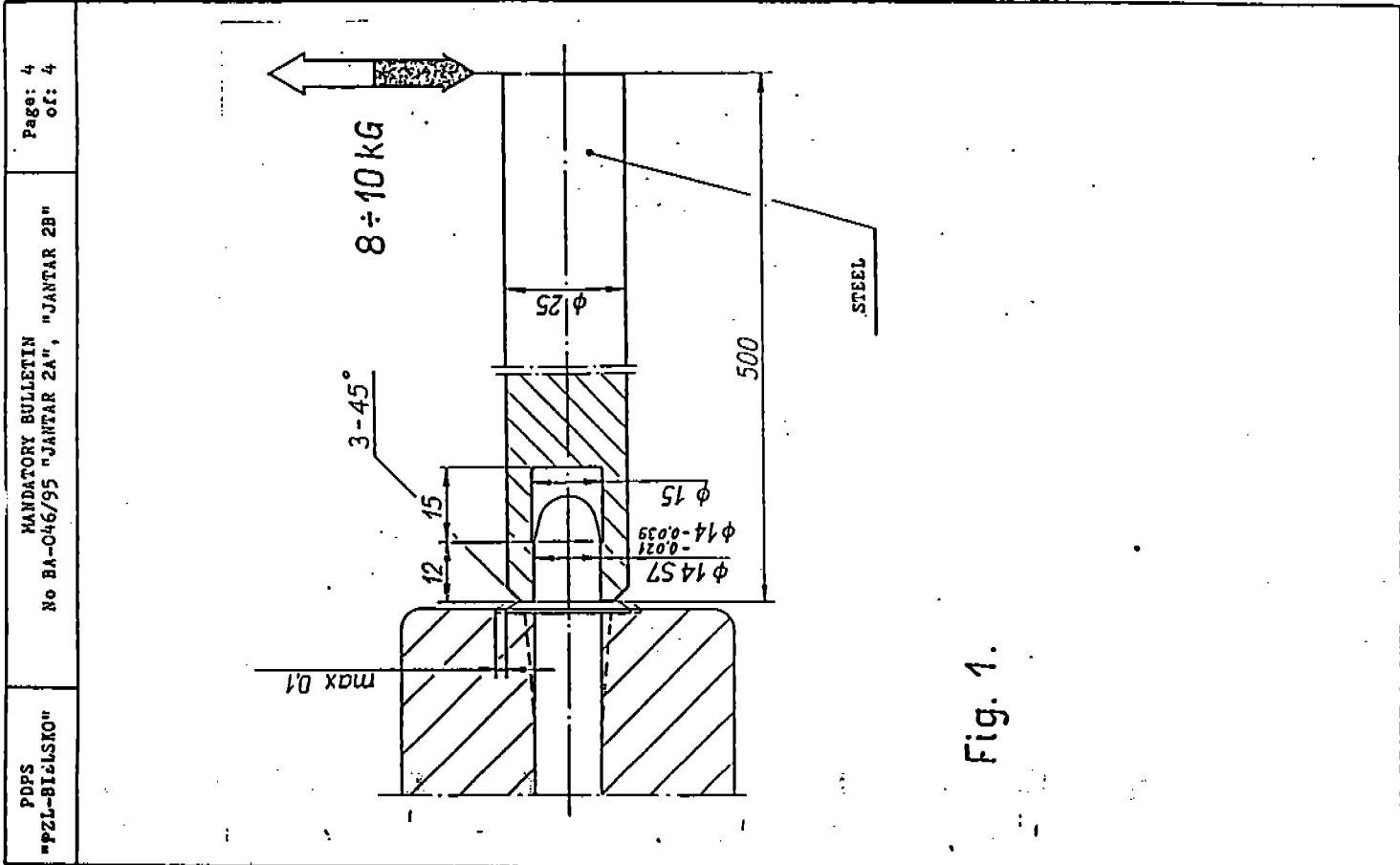
Jonathan Shand
CHIEF TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA

PDPs "PZL-BIELSKO"	MANDATORY BULLETIN No BA-046/95 "JANTAR 2A", "JANTAR 2B"	Page: 2 of 4
	<u>1. GROUNDS FOR INTRODUCING BULLETIN</u> During the periodic inspections of gliders operated by Hungarian Aeroclub, on several planes a small radial clearance has been found on the pin installed in the spar end, at the detachable wing tip connection. <u>2. LIST OF GLIDERS FACT. NO COVERED WITH THIS BULLETIN</u> All gliders of SZD-42, SZD-42-1, SZD-42-2 type, with four panel wings are covered with this Bulletin. <u>3. DESCRIPTION OF ACTION TO BE COMPLETED</u> a/ Disassemble wing tip of a glider. b/ Wash, with extraction naphtha, the spar end at wing tip connection. c/ Inspect the condition of spar end, and of the pin installed in spar end at the detachable wing tip connection, check that no debonding of pin flange from composite occurred. d/ Put the attachment, prepared according to Fig.1, on the pin. e/ Moving the attachment up-and-down /force applied at attachment tip must be within 8 to 10 kg/ observe the connection : pin flange - composite spar end, by means of magnifying glass with magnifying power of 3 minims. Pay attention if the pin flange does not shift in relation to composite spar end. f/ Assemble wing tip. g/ Observe the mating of /wing tip/ connection, when moving fluently up-and-down, wing caught by the tip. No clatter is permissible. h/ The described above action is to be completed on both, right and left wing.	

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	MANDATORY BULLETIN No BA-046/95 "JANTAR 2A", "JANTAR 2B" <u>Concerns:</u> Performing the detailed inspection of pin installation in outboard wing spar end /at connection with outboard wing panel/. <u>Way of introducing:</u> Mandatory, immediately after receiving the Bulletin. Prepared in PDPs-TKS Elaborated by: /-/ 2.Jarosz, M.Sc.Eng. Chief Designer: /-/ B.Beres, M.Sc.Eng. Director of "PZL-BIELSKO" /-/ J.Zulauf, M.Sc.Eng. Approved by Chief Inspector of Civil Aircraft Inspection Board /-/ on August 30th, 1995 This is a translation of original Polish text. Translated by: T. Zboś, M.Sc.Eng.	



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4. LIST OF ENCLOSURES

No enclosures to this Bulletin.

5. FINAL STATEMENTS

a/ Gliders, on which a play has been found, must be taken out of service, till appropriate repair will be done.

b/ Record the performed inspection in glider log book.

c/ The repair Bulletin is under work.

- The End -