

GFA AIRWORTHINESS DIRECTIVE

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

SUBJECT: Inspection of rudder control cable attachment at cockpit front floor.

BACKGROUND: A case has occurred of detachment of the rudder control cable due to cracking of attachment fitting.

DOCUMENTATION: Polish General Inspectorate of Civil Aviation (GICA) Airworthiness Directive No SP-0086-2002-A and SZD Mandatory Bulletin No BA-047/2002 form part of this AD.

ACTION REQUIRED: Carry out actions described on page 2 of Mandatory Bulletin BA-047/2002.

WEIGHT AND BALANCE: Not affected.

IMPLEMENTATION: Before further flight.

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:

SENIOR TECHNICAL OFFICER AIRWORTHINESS

For and on behalf of:

THE GLIDING FEDERATION
OF AUSTRALIA

RZECZPOSPOLITA POLSKA
GŁÓWNY INSPEKTORAT LOTNICTWA CYWILNEGO

REPUBLIC OF POLAND
GENERAL INSPECTORATE
OF CIVIL AVIATION

REPUBLIQUE DE POLOGNE
INSPECTORAT GENERAL
DE L'AVIATION CIVILE

CIVIL AVIATION SAFETY AUTHORITY

17 OCT 2002

AVIATION INFORMATION SECTION

ul. Chałubińskiego 4/6, 00-928 Warszawa, Tel. / Fax (4822) 629 86 89

Warszawa, dn. 12/08/2002 r.

Warsaw, day month year

DYREKTYWA ZDATNOŚCI - AIRWORTHINESS DIRECTIVE

Nr SP -0086 -2002-A

1. Przedmiot: Szybowce / gliders, model: SZD-42, SZD-42-1 Jantar-2A, SZD-42-2 Jantar-2B
Product (wyrób model wyposażenie numery - product name model appliances numbers)
 2. Numer Świadectwa Typu / Orzeczenia: GILC / GICA BG-110/2
Type Certificate/Approval Number (Nazwa Nadzoru - Name of Authority)
 3. Dotyczy: Procedure of inspection of rudder control cable attachment at cockpit front floor
Subject (opis usterki, rysunek części - description of the problem, identification of part)
 4. Przyczyna wydania: Encountered case of the rudder „S” cable attachment tear-out in rudder control
Reason for the issuance of this AD (dla wyrobów importowanych przywołać AD Nadzoru Lotniczego kraju pochodzącego - for imported products „as in AD” point 6.)
system
 5. Działania korygujące: jak w Biuletynie Obowiązkowym / as in Mandatory Bulletin
Corrective action (dla wyrobów importowanych wpisać - jak w AD” pkt 6.- for imported products „as in AD” point 6.)
No. BA-047/2002
 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. BA-047/2002
Ref. publications (Biuletyn Obowiązkowy - Mandatory Bulletin)
- Niniejsza Dyrektywa Obowiązuje z dniem: 26/08/2002 r. - to do before next flight.
Effectivity date of this AD: (day month year)

Zygmunt MAZAN

Główny Inspektor IKCSP

Chief Inspector of Civil Aircraft Inspection Board

RZECZPOSPOLITA POLSKA
GŁÓWNY INSPEKTORAT LOTNICTWA CYWILNEGO

REPUBLIC OF POLAND
GENERAL INSPECTORATE
OF CIVIL AVIATION

REPUBLIQUE DE POLOGNE
INSPECTORAT GENERAL
DE L'AVIATION CIVILE

ul. Chalubińskiego 4/6, 00-928 Warszawa, Tel. / Fax (4822) 629 86 89

Warsaw, 12.08.2002
day/month/year

GLC-TI-086/02/AD

Subject: Issuance of the Airworthiness Directive

NOTICE

To Whom It May Concern

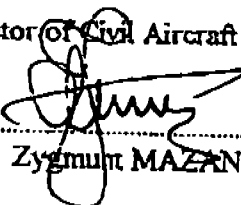
This NOTICE approves and makes Mandatory the Airworthiness Directive N° SP-0086-2002-A,
Dated: August 12, 2002

This Airworthiness Directive concerns: All gliders SZD-42, SZD-42-1 Jantar-2A and SZD 42-2
(aircraft, engine, propeller, equipment) Jantar-2B

Reason for the issuance of this Airworthiness Directive: Encountered case of the rudder „S” cable attachment tear-out in rudder control system.

Enclosures: 1. Airworthiness Directive N° SP-0086-2002-A
2. Mandatory Bulletin N° BA-047-2002

Chief Inspector of Civil Aircraft Inspection Board



Zygmunt MAZAN

5720

ZAKŁAD SZYBOWCOWY „JEŻÓW”
HENRYK MYNARSKI
58-521 JEŻÓW SUDECKI UL. DŁUGA 93
TEL./FAX: +48 75 713 21 59

CERTYFIKAT GILC NR P-035; NR D-11/JA/2001

APPROVED
by responsible Director of Factory

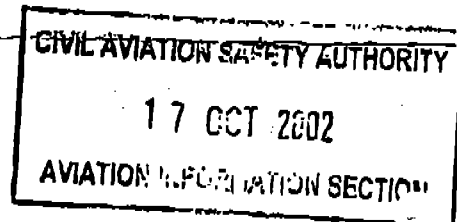
(-)
date

APPROVED
by Chief Inspector of CAIB

(-)
date

MANDATORY BULLETIN

No EA-047/2002



NAME - TYPE / MODEL:

SZD-42
SZD-42-1 JANTAR 2A
SZD-42-2 JANTAR 2B

SERIES / NUMBER:

CONCERNS:

Procedure of inspection of rudder control cable
attachment at cockpit front floor.

COMPLIANCE:

Mandatory, immediately on receiving this Bulletin.

ELABORATED

Responsible for Type Project

(-)

.....
(signature, date)



AGREED

CAIB Division No XIII

(-)

.....
(signature, date)

Jeżów Sudecki

Zakład Szybowcowy „Jeżów”	MANDATORY BULLETIN No BA-047/2002	Page 2 of 2
1. <u>Reasons for introducing this Bulletin.</u> Encountered case of the rudder „S” cable attachment tear-out in rudder control system. 2. <u>List of Factory Nos covered with this Bulletin.</u> This Bulletin covers all gliders of SZD-42, SZD-42-1, SZD-42-2 models. 3. <u>Procedure to follow.</u> a) Remove instrument panel. b) Disconnect control cable at turnbuckle (adjustment screw). c) Unscrew the M6 nut from rudder control cable attachment bolt in a front floor. d) Wash the area of cable to bolt attachment with extraction naphtha. e) Remove the link, verify the condition of floor surface at bolt attachment – on left and right hand side of the floor. f) Slide a 6 mm diameter, 2 mm thick, approx. 10 cm length tube over a bolt. g) Observe the bolt to floor attachment while moving the tube to a sides. Force applied at the end of tube may not exceed 7 kg. h) Any cracks found around the bolt are sufficient to withdraw the glider from further operation. i) The specified inspection to be repeated on the left, and right hand cable attachment. 4. <u>Final resolutions.</u> a) Gliders, on which a play at bolts in a fuselage front floor has been detected, must be withdrawn from operation until the suitable repair will be accomplished and Zakład Szybowcowy „Jeżów” notified accordingly. b) Entry on inspection accomplished is to be introduced into Glider Log Book. c) The appropriate Repair Bulletin is under work now. THE END		