

European Aviation Safety Agency

EASA

TYPE-CERTIFICATE DATA SHEET

SZD-24 “Foka”

Type Certificate Holder:

Zakład Szybowcowy „Jeżów”
Henryk Mynarski
ul. Długa 93
58-521 Jeżów Sudecki
POLAND

EASA TCDS No. A.319

For variants:

SZD-24 C “Foka”

Issue 01, 18 February 2010

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0.II. List of Effective Pages

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0.III. Change Record

Issue	Date	Changes
Issue 01	18 February 2010	Transfer from Polish Approvals: <ul style="list-style-type: none">• 8/TL/61 dated on 29 December 1961• 8/TL/64 dated on 17 July 1964

Section A: SZD-24 C "Foka"

A.I. General

1. Data Sheet No.: EASA.A.319
2. a) Type: SZD-24 "Foka"
b) Variant: SZD-24 C "Foka"
3. Airworthiness Category: Sailplane, Utility
4. Type Certificate Holder: Zakład Szybowcowy „Jeżów”
Henryk Mynarski
ul. Długa 93
58-521 Jeżów Sudecki
POLAND
5. Manufacturer: Zakłady Sprzętu Lotnictwa Sportowego
ul. Cieszyńska 325
43-300 Bielsko-Biała
POLAND
6. Polish CAA Certification Date 29 December 1961
7. The EASA Type Certificate replaces Polish Approvals:
 - 8/TL/61 dated on 29 December 1961
 - 8/TL/64 dated on 17 July 1964

A.II. Certification Basis

1. Certification Basis: Defined on 1960
2. Airworthiness Requirements: Polish Civil Aviation Requirements, Section G - Gliders, issued on 1959
3. Requirements elected to comply: None
4. Special Conditions: None
5. Exemptions: None
6. Equivalent Safety Findings: None

9. Masses:
- | | |
|--------------------|--------|
| Max. Take Off Mass | 375 kg |
| Max. Empty Mass | 265 kg |
10. Centre of Gravity Range:
- Empty sailplane with standard equipment:
Forward Limit: 551 mm aft of datum point (ADP)
Rearward Limit: 599 mm aft of datum point (ADP)
- Centre of Gravity operational limits:
Forward Limit: 205 mm (ADP) (23,0% MAC)
Rearward Limit: 350 mm (ADP) (39,3% MAC)
- MAC is 890 mm; 0% MAC is on the same coordinates along longitudinal axis as the datum.
- Datum: Leading edge and wing-fuselage division plane intersection.
- Levelling means: Levelling marks on fuselage sides.
11. Seating Capacity: 1
12. Lifetime limitations: Refer to Service Bulletin No. BE-008/85 "Foka-C"
13. Other limitations: Bungee launching is prohibited.
Cloud or night flying is prohibited.
Aerobatics is prohibited.
- Manoeuvring load factor limits: +6,0/-3,0
14. Deflection of control surfaces:
- | | | |
|--------------------|---------|------------|
| Aileron: | - up | 34° ± 2° |
| | - down | 16° ± 1° |
| Elevator: | - up | 23° ± 1,5° |
| | - down | 18° ± 1° |
| Elevator trim tab: | - up | 15° ± 3° |
| | - down | 40° ± 3° |
| Rudder: | - left | 35° - 3° |
| | - right | 35° - 3° |

A.IV. Operating and Service Instructions

1. Flight Manual:

- Polish: Szybowiec wyczynowy SZD-24C „Foka”,
Instrukcja Użytkowania,
wydanie I - 1961 r.
- Polish: Szybowiec SZD-24C „Foka”,
Instrukcja Użytkowania w Locie,
wydanie II - 1965 r.
- German: Flughandbuch für das Segelflugzeug SZD-24C „Foka”,
Ausgabe März 1964.

2. Maintenance Manual:

- Polish: Opis Techniczny, Instrukcja Obsługi Technicznej,
Terminarz prac okresowych,
Szybowiec SZD-24C „Foka”,
wydanie I - maj 1965 r.
- German: Betriebsanleitung für das Hochleistungs -
Segelflugzeug SZD-24C „Foka”,

3. Flight & Maintenance Manual:

- English: SZD-24C „Foka”,
High Performance Sailplane,
Flight & Maintenance Manual
approved by Polish Aviation Authority on 3 September 1965

4. Repairs Manual:

- Polish: Instrukcja remontu szybowca SZD-24C „Foka”,
część szczegółowa,
wydanie I, 1968 rok.
- German: Segelflugzeug - Reparaturanweisung (Holzbau)
Ausgabe II, 1967.

5. Bulletins:

- BE-005/75 "Foka 4" Introducing the Annex No. 1 to Technical Service Manual
concerning the extended range of glider periodic inspections.
- BE-06/4A/80 "Foka 4" Change of time between overhauls and further use.
- BE-008/85 "Foka-C" Unification and way of periodic inspections for SZD-24C „Foka C”
gliders on base of the bulletin data for SZD-24-4A „Foka 4” type.

A.V. Notes

1. Serial Numbers:

W-136 ÷ W-223