Type Certificate Data Sheet

Number: G-119

Models

SZD-55-1

Issue No.:

3

Approval Date: Refer Below

Issue Date: May 13, 2016

This Data Sheet which is part of Type Certificate No. G-119 prescribes the conditions and limitations

under which the product(s) for which the Type Certificate was granted meet(s) the standards of airworthiness required by the Canadian Aviation Regulations.

Type Approval Holder:

Allstar PZL Glider Sp. z o.o.

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oland		

MODEL SZD-55-1 (Glider) (Utility Category)		Approved March 7, 1994	
Airspeed Limits (IAS)		<u>knots</u>	<u>km/h</u>
(IAJ)	V _w (Winch Tow)	78	145
	V _T (Airplane Tow)	84	155
-g i - 1	V _{NE} (Never Exceed) -		
	Smooth Air	138	255
	V _{RA} (Never Exceed) -		
	Gust Conditions	105	195
	V _A (Maneuvering)	105	195
	V _{ABE} (Airbrake Operation)	138	255
	V _{LG} (Undercarriage Operation)	138	255
Maximum Weight (Mass)	Without ballast in wings 350 kg With ballast in wings 500 kg	772 I 1102 I	
(171035)	With bandst in whigs 500 kg	11021	08
C.G. Limits	See Flight Manual as listed in Approved Pr	ublications	
Datum	Wing leading edge at wing root rib.		
Levelling Means	Root rib horizontal		
Minimum Crew	One (pilot)		
Maximum Occupants	One		

Type Certificate Data Sheet (Continuation Sheet)

Nulliber. G-119 Issue 2	Number:	G-119 Issue 2
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Weak Link For Towing	$600 \pm 50 \text{ daN } (1323 \pm 110 \text{ lbs}).$		
Flight Load	IAS At 105 knots (195 km\h)	Positive +5.3	Negative -2.65
	At 138 knots (255km\h) without water ballast in wings with water ballast in wings	+4.2 +4.7	-1.95 -2.0
Type Approval Basis	Airworthiness Manual, Chapter 522, Change 1, dated August 31, 1987		st 31, 1987.
Canadian Configuration	The Canadian Configuration is defined by Przedsiebiorstwo Doswiadczalno-Produkcyjne Szybownictwa PZL-Bielsko List of Drawings SZD 55 - 1 Glider Issue II, March 1993.		
Required Equipment	The basic required equipment as prescribed in the applicable airworthiness requirements (See Type Approval Basis). In addition, following equipment is required:		
	 a) Flight Manual as listed in Approved Poly b) Altimeter calibrated in feet c) Compass d) Airspeed Indicator in knots e) Stall Warning System 	ublications	
Import Requirements	The import documentation must include:		
	a) A Polish Certificate of Airworthiness for signed by a representative of the IKCS	*	Canada
	or		
	b) A Certificate of Airworthiness for Expo airworthiness authority of a country w		

Bilateral Airworthiness Agreement

Type Certificate Data Sheet

(Continuation Sheet)

Number:

G-119 Issue 2

Import Requirements (Cont'd)		In case a) or b) the C of A must contain the following statement:
(Cont a)		"The aircraft identified by this certificate has been examined and found to conform to the Canadian Department of Transport Aircraft Type Approval G-119"
		or
	c)	Other procedures approved by the Minister of Transport.
Eligible Serial Numbers	551190	0001 and subsequent.
Placards	PZL-B	quired placards are listed in pages 60, 61, 62, 63 and 64 of the ielsko Technical Service Manual, Issue IV, dated March 1993, ian Version.
Approved Publications		Approved Flight Manual for the SZD-55-1 Sailplane, Issue IV, March 1993, Canadian Version, or later approved revisions.
Life Limited Parts	Bielsko	onents which are life limited are listed in section 3.5 of PZL- o Technical Service Manual SZD-55-1, Canadian Version, Issue red March 1993.
NOTE 1		atics are limited to the approved manoeuvres as indicated in the manual listed in Approved Publications.
	Aeroba tanks.	atic manoeuvres are not permitted with water in the ballast
NOTE 2	Water	ballast is prohibited at ambient temperatures below 0° C.
NOTE 3		launching using the front hook is not allowed.
NOTE 4		Certificate Holder Record:

-END-

Before March 2004 - Przedsiebiorstwo Doswiadczalno-

Produkcyjne Szybownictwa "PZL-Bielsko"

Charles Lanning
Chief, Project Management
Aircraft Certification
for Minister of Transport

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