

All-Star PZL (Poland)

Status	Subject	Detail	Reference information	Once/Repeat	TNS
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<u>Puchacz (SZD 50/1 & 3)</u>					
M	Controls jammed below front seat	(by foreign objects) guard introduced	SB-10/50/3/83		10/83
M	Wheel hub bolts	replace in steel	SB-32/50/03/86		12/86
	Life extension to 6000 hours	inspections from 1000 hours onwards	SB-34/50/03/87		04/88
M	Main wing pin	security	SB-33/50/03/87		10/88
M	Tailplane pin	replace	SB-40/50/03/90		06/90
M	Pulley in trim circuit	secure T-50 pulley	SB-38/50/03/90		06/90
M	Rudder cable system	mod to eliminate possible jam	SB-42/50-3/92		10/92
	Control cable recommended lives	hemp core - 1000 hrs/ 6 yr. steel core - 1500 hrs/ 12 yr.	SB 007/94		10/94
	Air brake paddle	axis bolts unsecured	SB-047/50		03/94
M	Wing	Inspection of wing front bracket console	SP-0059-2000-A BE-048/SZD-50-3/2000		08/00
I	Wing	Improved front bracket console available			06/03
	Canopy	Inspection of fwd canopy locking lever	BGA 005/08/2000 Iss 1		08/00
M	Wing	Action to take if cracks found in front bracket console	SP-0094-2000A, BE-049/SZD-50-3/2000		12/00
M	Flying controls	Inspection of airbrake gears. Improved design gear available Fitment deletes annual inspection requirement	BGA 016/04/2001 iss2		06/03
M	Airbrakes	Airbrake control inspection AD SP-0052-2003-A, SB BE-052/SZD-50-3/2003	BGA inspection satisfies AD and SB BGA 024/10/2001 iss1		10/03
M	1000 hr. inspections	Reminder that inspections are required at 1000 hr intervals	SB-34/50/03/87		02/03
M	Life Extension	Life extended to 6750 hours by completing 1000 hr insp.	SB BE051/SZD-50-3/2003		04/03
R	Canopy catch	Recommended modification to fit return spring to rear canopy lever	BGA 2003/11		06/03
I	Life Extension	To 12,000 hours Factory only inspection until more data collected	SB BE-053		02/04
M	Rudder control	Inspection of turnbuckle	SB BE-054		04/04
M	Controls	Inspection of control stick and mounting	AD 2004-0003		12/04
R	Controls	Failure of elevator rod end in cockpit area	GFA AD 623		06/05
R	Controls	Control stick inspection at annual or after accident	BGA 046/12/2005 iss1		12/05

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M	Controls	Inspection of rudder attachment	AD 2006-0243E, SB BE-058/SZD50-3/2006		4-2006
A	Controls	BGA Letter to operators re AD 2006-0243-E			5-2006
M	Controls	Modification of rudder circuit	AD 2006-0317, SB BE-057/SZD 50-3/2006		5-2006
M	Controls	Bolt of the airbrake intermediate control lever – insp/repl.	AD 2007-0275-E, SB BE-059/SZD50-3/2007		5-2007
I	Controls	GFA Report Lower rudder support failure	GFA Alert 2009-1		3/2009

Puchacz In Service Reports (Advisory)

Rudder hinge (top) failure	annual inspection			06/88
Rudder cable	fouls radio junction box			12/91
Rear canopy lanyard	fouls rear stick			12/91
Rear tow release	jammed by perished rubber sleeve			04/92
Asymmetric air brakes	gearbox failure			12/92
Rudder cable fatigue failure	at rudder pedal - modify system			06/93
Canopy jettison pins - migrate	lock into place		01/93 &	10/92
Flying controls	incorrectly rigged on delivery			01/93
Trim drive cables (solid wire)	failures			10/93
Undercarriage Bungee	deterioration - inspect			12/93
Rear rudder pedals cable detached	stiff-nuts come off - fit split pins & castellated nuts			12/93
Air brakes	paddle attachments worn- circlips missing			08/94
Control rod ends	swaging cracked			08/94
Air brakes	failure at cross tube in fuselage			04/95
Ailerons	jammed after heavy landing nose wheel frame broken - inspect			10/96
Airbrake operating lever	weld failures - inspect			12/96
Lower rudder hinge	plywood support failed - check every DI			08/99
Airbrakes	L/H wing air brake gear mounting structure poorly bonded			10/04
Landing gear	Corrosion on nose wheel fittings			2-2007
Airbrake	Failure of airbrake cross tube.- annual inspection recommended			5-2007
Landing gear	Excessive corrosion of nose wheel mounting brackets			1-2010

Junior (SZD 51/1)

M	Modifications required for BGA certification			10/86
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BGA Compendium [03/10](#)

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Status	Subject	Detail	Reference information	Once/Repeat	TNS
M	Aileron mass balance	introduced to prevent flutter	SB 002/85		12/86
M	Air brake lever push rod fails	fit strengthened rod	SB 003/85		12/86
M	Rudder mass balance weight	fouls screw head - modify system	SB 004/88		12/88
M	Lower rudder hinge	replace at 1000 hours or if damaged	SB 006/90		06/90
M	Tailplane fixing sleeve	replacement	SB 009/93		04/94
	Control cable recommended lives	hemp core - 1000 hrs/ 6 yr. steel core - 1500 hrs/ 12 yr.	SB 007/94		10/94
	Airbrake bevel gears cracked	inspect after ground loops			08/97
M	Life extension	from 1000 hours to 3000 hours after inspections and interim	1000 inspections required SB 005/89		06/98
	Air brake	Airbrake lever failure below handle			04/00
M	Flying controls	Rudder pedal adjustment inspection	BGA 014/03/2001 iss1		04/01
M	Flying controls	Inspection of air brake gears Improved design gear available			
		Fitment deletes annual inspection requirement	BGA 015/04/2001 iss2		06/03
R	Canopy	latch inspection and modification	BGA 020/10/2001 iss1		10/01
M	Elevator trim	Trim control knob inspection	BGA 023/10/2001 iss1		10/01
M	Service life	Extension to 6000 hours	SB BE-007/92		12/02

Junior in service reports (Advisory)

Lower rudder hinge mounting	cracks in fin structure	06/98
Elevator drive locking sleeve	always check fully engagement after rigging	08/91
Aileron mass balance	corroded bolts - replace with stainless steel	04/91
Canopy jettison pin	migrates - secure with soft copper wire	06/93
Elevator trim spring	several failures	10/93
Swaged control rod ends	cracked	08/94
Tailplane	Location arm mis located on fin receptacle	12/05

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Status	Subject	Detail	Reference information	Once/Repeat	TNS
<u>Revised 1-2006 with SB list from Allstar.</u>					
M	FM supplements	Notes on operation, sealing wing gaps, pilots seat locking	BE-155-1/89		
M	Limitations	FM and TSM revision	BE-2/55-1/89		
M	Water ballast	FM and TSM revision	BE-3/55-1/89		
M	C of G hook	FM revision winch launch	BE-4/55-1/90		
M	FM revision	Compliance statement	BE-5/55-1/90		
M	Controls	Revision of rudder deflections	BI-6-55-1/92		10/92
M	Revision of flight manual		BE-7/55-1/94		10/94
R	Control cable recommended lives	hemp core - 1000 hrs/ 6 yr. steel core - 1500 hrs/ 12 yr.	SB 007/94		10/94
M	Revision of flight manual	ASI with stall warning	BE-8/55-1/95		10/95
I	Instruments	PR-400s ASI and SP-3 stall warning	BE-9/55-1/95		
M	Service life	Extension to 3000 hours	BE/R-10/55-1/96		
M	Service life	Extension to 4500 hours	BR/R-11/55-1/2003		
M	Flying controls	Inspection of NYLON air brake gears Improved design gear available Fitment deletes annual inspection requirement (Identified by ball type self connecting wing controls)	BGA 017/04/2001 iss3		06/03
<u>SZD-59 ACRO</u>					
M	Structures	Fuselage frame welded joints at wing root inspection	AD 2009-0140-E, SB BE-010/SZD-59/2009	ACRO	3-2009
M	Structures	Fuselage front frame – inspection/repair/modification AD 2009-0140-E superseded	AD 2009-0210, SB BE-01/SZD-59/2009r1		4-2009

SZD 59 ACRO In Service Reports (Advisory)

None advised.