

## Schleicher (Germany) Composite Structure Aircraft

Status	Subject	Detail	Reference information	TNS
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Current AD's available on LBA web site. [http://www.lba.de/EN/DivisionT/Airworthiness/ADs/AD\\_node.html](http://www.lba.de/EN/DivisionT/Airworthiness/ADs/AD_node.html) and more recent ADs <http://ad.easa.europa.eu/>

Schleicher ADs and TN's can be viewed at <http://www.alexander-schleicher.de/en/tm-lta-wa/> All Technical notes should be reviewed to determine applicability

Schleicher TN's can be viewed at <http://www.alexander-schleicher.de/tm-lta-wa/tm-flugzeuge/> All Technical notes should be reviewed to determine applicability.

### ASW 12

#### ASW 12 In Service Reports (Advisory)

Rudder pedals	Failure of tube at attachment to pedal	04/00
Ballast weights	Unsecured ballast fouling controls due to bolt failure	04/00

### ASW-15 & 15B

#### ASW 15 In Service Reports (Advisory)

Rudder & fin shroud	fouls	
Tow release cable	damaged in conduit	06/75
Undercarriage handle knob detached	locking pin failed	08/93 & 08/83
Ailerons oscillate if too out of balance	max 122 Kg mm TE heavy	10/97
Tail plane mountings	Loose bolts in ply reinforcement	04/03
Landing gear	Incorrect rivets used causing collapse	4-2011

### ASW 17 & 17B

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### ASW 17 In Service Reports (Advisory)

	Soft balsa in tailplane	caused by water ingress		04/89
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### ASW 19 & 19B

#### ASW 19 In Service Reports (Advisory)

	Canopy latch rods	bend on heavy landings - inspect		04/78
	Canopy open/close knobs	to be painted red		02/85
	Air brake mod (extra paddle)	pivot bolts fouling original blade		06/98
	Jamming of Airbrakes	Paddle mounting bolts too long		02/01
	Rudder pedal "S" guides	cracked		07/81

### ASW-20 series (For ASW 20F see Centrair)

#### ASW 20 In Service Reports (Advisory)

	Canopy latch rods	bend on heavy landings - inspect		04/78
	Control hinges	corroded rivets		12/79
	Flap vibration	backlash		05/81
	Flap control stops insecure	rivet into place if necessary		02/83
	Flap malfunction	lock nuts at pilots' lever loose		12/84
	Rudder cables	sever bend at rudder		08/85
	Canopy open/close knobs	to be painted red		02/85
	Ballast dump valve inoperative	corrosion of swages in cockpit		10/90
	Elevator control restriction	foul between incorrectly fitted bolts		06/96
	Rudder Controls	Severe corrosion on control horn		2-2009
	Control stick	Shortening to fit new handle		3-2013
	Elevator control	Corroded bell crank		1-2014
	Controls	Corrosion of bearings, rod ends and hardware		4-2014

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### ASK-21

I	Life extension	BGA Guidance on 12,000hr extension and recording aerobatic flight		1/2013
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### ASK 21 In Service Reports Advisory

Trim indicator Bowden cable	fouls controls below floor - clip as necessary		10/83
Wheel fouls wheel box	cut extra clearance if necessary		12/84
U/C retention stud	failures		12/87
Rear canopy gas strut hinge pins	inspect for wear		10/93
Rudder pedal jamming	loose nylon tube		04/92
Front canopy jettison	inoperative, incorrectly aligned nuts		02/94
Rear Canopy	Frames broken at jettison failure point		5-2006
Rear canopy	Failed to detach after opening in flight		1-2007
Rudder pedal cable guides	Nylon tube inserts, glue into place		
Front/rear canopy	Lock interlock ineffective	1-2007, 5-2008, 1-2009	
Trim indicator	Wire found broken under seat pan		4-2010
Trim control rod	Found bent		4-2010
Aerotow hang up	Hole worn forward of nose release allowing tow ring to be inserted		3-2011
Seat harness	Crotch strap found fitted to location guide		1-2012
Rudder pedal adjust	Knob detached from cable		5-2013
Ballast weights	Came loose in flight		1-2014

### ASW-22 & 22B

#### ASW 22 In Service Reports (Advisory)

Flap lever failed to lock	inspect system (weak spring?)		10/98
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### ASK-23 & 23B

#### ASK 23 In Service Reports (Advisory)

Trim spring	failures			04/87
Rudder travel restricted	by loose nylon tubes			08/88
Air brake lever fractures	at weld at pilots handle			12/91

### ASW-24

#### ASW 24 In Service Reports (Advisory)

Undercarriage support structure	reinforce			02/90
Fuselage drainage (ballast leaks)	introduce			02/90
Flying controls	Aileron hinges dis-bonded from wing			04/01

### ASH-25

#### ASH 25E & ASH 25 M

#### ASH 25 series In Service Reports (Advisory)

Flying controls	Flap control found bent whilst inspection for AD 2008-0059			
Fuel	Debris found in fuel tank from manufacture			2-2012

### ASH-26

#### ASH 26 E

### ASW-27

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	<b>ASW 27 In-Service Reports (Advisory)</b>			
	Controls	Corroded control column		6-2013

### ASW 28

None

### ASW 28E

#### **ASW 28E In-Service Reports (Advisory)**

Fuel Pump	Support bracket cracked, new composite bracket available	6-2013
Pylons	Several reported cracks. BGA recommends not using engine until new pylon fitted or issue resolved	4-2014