

## Scheibe (Germany)

### CONTACT

[SCHEIBE AIRCRAFT GMBH](#),

Type certificate holder for all aircraft except SF 23.34 & 36.

All welding must be gas and not TIG.

### Airworthiness Directives

[LBA](#)   [EASA](#)   [Scheibe](#)

### SF-24

[SF24 TCDS](#)

[SF24A Airworthiness Approval](#)

Status	Subject	Detail	Reference Information	TNS
	Flexible hose life		TM 653-28/4	<a href="#">10/98</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Hirth F10 engine	Operational and maintenance instructions	AD 69-142	
M	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>

## Scheibe (Germany)

### SF-25 Series

General, [LBA Airworthiness Directives](#) listed in CAA Foreign Airworthiness Directives Vol. III.

Status	Subject	Detail	Reference Information	TNS
I	Horizontal Stabiliser	Flutter	AD 1966-119	
I	Unleaded MOGAS approval	(Limbach L1700 & 2000)	TN 653-66	<a href="#">12/96</a>
I	SF-25/T-61 tailplane	front attachment cracked	TI 102	<a href="#">04/90</a>
M	SF-25 carb heat system	introduced, mandatory (CAA)	Mod 134	<a href="#">08/87</a>
M	Fuel shut off valve NK 490	fitted in place of Truma V8M	SB 653-70	<a href="#">02/98</a>
I	Flexible hose life		TM 653-28/4 etc	<a href="#">10/98</a>
M	Engine mounting (Stamo)	Cracks in lower mount bolts SF25B S/N 4601>46174.	AD 71-131, TB 2/71, Mod 120	
M	Engine mount	Cracks in bolts	AD1971-144	
M	Luggage compartment	Securing of luggage S/N 4601 >	AD 72-107, Mod 132	
M	Carburettor heater	Installation	AD 73-15, Mod 133	
M	Ignition Switch	New type SF25B S/N 4601>46253 & 4801 >4828 SF25C S/N 4401>4448	AD 73-23, Mod 4 & 134	
M	Ailerons	Bellcrank replacement SF25A	AD 74-54	
M	Flight control cables	Inspection of cable sleeves	AD 74-323	
M	Electrical system	Installation of smoothing capacitor SF25B & C with Dittel radio FSG-12, -15 or -16	AD 75-91/2	
M	Aileron drive lever	Inspection / reinforcement SF25B & SF25C	AD 75-169/2, TI 653-5/75	<a href="#">04/76</a>
M	Fuel Quantity indication	Incorrect indication SF25B S/N 4601>46258 & 4801>4868 SF25C S/N 4401>44133 & 4201>4252.	AD 76-40, TN 653-1/76	<a href="#">04/76</a>
M	Fuel filler	Inspection SF25A all & SF25B S/N 4601>4645	AD 76-297, TN 653-6/76	
M	Elevator support	Inspection SF25B S/N 4801>4868 & SF25C S/N 4201>4255	AD 77-217, Sportavia TMS-02-77	<a href="#">09/77</a>
M	Stabiliser/Tailplane Fwd Armature	Inspection SF25A,B,C,D,E & K	AD 82-049, TN 653-40	
M	Fuel SOV	Life limitation SF25B,C,D,E & K	AD 82-50/2, TN 653-41	<a href="#">02/90</a>
M	Wing	Main wing joint SF25B,C,D & E	AD 82-134/2	<a href="#">09/82</a>
M	Flight controls	Bearings in control stick SF25C,E & K	AD 1984-198/2, TN 653-47	<a href="#">02/85</a> & <a href="#">04/00</a>
M	Flight controls	Inspection of airbrake pulley SF25A,B,C,D,E & K. Working instruction 653-62-142/770-18-142	AD 94-261, SB 653-62/770-18	<a href="#">10/94</a>
M	Fuel SOV	TRUMA V8 valves	AD 97-140, SB 653-67	<a href="#">08/97</a> & <a href="#">02/98</a>
M	Flight Controls	Cracks in aileron steel pipe spar SF25B & C	AD 1999-340, SB 653-73	<a href="#">02/00</a>
M	Wing centre joint	Additional limitations	CAA AD 001-07-82, TI 103/T61	<a href="#">07/82</a>
M	Flight manual (Rotax C)	Corrections and revisions	AD2003-160, SB653-76	<a href="#">06/03</a>
M	Controls	L'Hotellier ball & socket with lock plates	AD 1993-001/3	
M	Controls	L'Hotellier ball & socket with locking cams	AD 1994-001/2	
R	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue -5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>
M	Flight controls	Elevator and tab drive arm	AD 2009-0132, TN 653-91	<a href="#">3/2009</a>
M	Flight controls	Aileron and tail plane attachment rivets	AD 2010-0011-E, SB 653-64	<a href="#">1-2010</a>

## Scheibe (Germany)

### SF-25 Series In Service Reports (Advisory)

Status	Subject	Detail	Reference Information	TNS
I	SF-25/T-61 elevator tab cables	Wire lock at tab		06/73
I	Longerons corroded at fin post	Adjacent to microballoon filler		01/75
R	Wheel assembly bolt failures	Fit larger (8mm) bolts		<a href="#">11/77</a>
I	SF-25/T-61 compass errors	Magnetised canopy frame		<a href="#">12/79</a>
I	Spar deterioration	Water in spoiler boxes		<a href="#">06/95</a> & <a href="#">12/80</a>
R	SF-25/T-61 wing main pin holes	Worn & splayed oval		<a href="#">12/80</a>
I	T-61 ignition switch "live"	Test		<a href="#">12/85</a>
I	Crank case cracks	Numerous cases - inspect regularly		<a href="#">02/87</a>
I	SF-25 fuel flow restriction	Filter incorrectly installed		<a href="#">06/90</a>
R	Top harness attachments	Secure to transverse tube		<a href="#">02/93</a>
R	Rear exhaust valve burning	Limbach improved cooling kit		<a href="#">02/93</a>
I	Tubing on fuel gauges	Hardens and leaks		<a href="#">06/95</a>
I	T-61 magneto to crankshaft coupling	Failure of type without reinforcing ring		<a href="#">06/96</a>
I	Rear fuselage structure corrosion	Near fin attachments		<a href="#">02/99</a>
I	Aileron drive bearing failure	Central hanger upper bearing between sticks		<a href="#">04/99</a>
I	Tailplane front mount	Cracked through inspect for cracks and poor welds		<a href="#">08/99</a>
I	Throttle cable disconnected	Check security at carburettor connection		<a href="#">10/99</a>
I	Elevator tab rigging	Incorrect connection of elevator tab operating cable		<a href="#">6-2006</a>
I	Flight Manuals	Due to EASA type approval all SF25 require flight manuals		<a href="#">2-2008</a>

### SF-26A

#### [SF26A Data Sheet](#)

Status	Subject	Detail	Reference Information	TNS
	Spar deterioration	Water penetration		10/74
	Top rudder hinge	Cracks/failure		<a href="#">08/79</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Flying Controls	Inspection of aileron bellcrank for cracks	AD75-270, TN 232-1/75	
M	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>
M	Flight controls	Elevator and tab drive arm	AD 2009-0132, TN 232-241	<a href="#">3/2009</a>

### SF-26 In Service Reports (Advisory)

Status	Subject	Detail	Reference Information	TNS
I	Rudder	Unsatisfactory repair found on rudder bell crank		<a href="#">6-2011</a>

## Scheibe (Germany)

### SF-27A & M

#### SF27A Data Sheet

Status	Subject	Detail	Reference Information	TNS
	Elevator actuating lever	Cracks at weld	TN 257	01/74
M	Elevator torque tube	Reinforce at weld	AD 75-48, TN 257-1/74	06/75
	Top rudder hinge	Cracked		<a href="#">02/92</a>
	Flexible hose life		TM 653-28/4 etc	<a href="#">10/98</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
R	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>

### SF-28A Tandem Falke

Status	Subject	Detail	Reference Information	TNS
M	Main wing pin	Correct locking	LTO 345 & 508, AD 82-135/2	<a href="#">12/80</a> & <a href="#">04/95</a>
M	Flight controls	Inspection of airbrake pulley. Working instruction 653-62-142/770-18-142	AD 94-261, SB 653-62/770-18	
	Unleaded MOGAS approval	(Limbach I1700 & 2000)	TN 770-19	<a href="#">12/96</a>
M	Fuel shut off valve Truma V8M	8 year (seals) life limitation	AD 97-140, SB 770-20	<a href="#">08/97</a>
	Fuel shut off valve NK 490	Fitted in place of Truma V8M	AD82-51/2, SB 770-13/2	<a href="#">02/98</a>
	Flexible hose life		TM 653-28/4 etc	<a href="#">10/98</a>
M	Elevator/aileron drive cracks	Reinforce before next flight	AD 1998-435, SB 770-23	<a href="#">12/98</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Flying controls	Inspection of rear control stick	AD81-237, TN770-12	
M	Electrical system	Installation of smoothing capacitor with Dittel radio FSG-12, -15 or -16	AD 75-91	
M	Wing centre pin	Inspection	CAA AD 003-06-82	
M	Wing centre joint	Additional limitations	CAA AD 001-07-82, TI 103/T61	
M	Flight Controls	Cracks on the aileron/elevator bell crank	AD1998-435	
M	Controls	L'Hotellier ball & socket with lock plates	AD 1993-001/3	
M	Controls	L'Hotellier ball & socket with locking cams	AD 1994-001/2	
M	Controls	Spoilers in the wing	AD1988-030	
M	Electrical system	Safety device	AD1975-091/2	
R	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>
R	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>

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M	Flight controls	Elevator and tab drive arm	AD 2009-0132, TN 770-30	<a href="#">3/2009</a>
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### **SF-34**

#### [SF34 & 34C Data Sheet](#)

Status	Subject	Detail	Reference Information	TNS
M	Wing root rib	Modification SF34 & 34B S/N 5102>5131	AD 89-73, TN 336-2(supersedes AD 88-162/2)	<a href="#">10/89</a>
M	Spin recovery improved	Aft C of G limit 2367 mm	AD 96-241, TN 336-8	<a href="#">10/96</a>
	Rear fuselage frame disbonded	Inspect for bond failure (causes fin/TP flutter)		<a href="#">08/98</a>
M	Fuselage inspection (SF34, SF34B)	Inspection of aft fuselage and flight restrictions	BGA 001/05/2000 iss1	<a href="#">08/00</a>
M	Fuselage inspection	Inspection of aft fuselage and lifting of LBA flight restrictions (BGA restrictions remain)	AD 2000-299, SB 336-9	<a href="#">10/00</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Flight controls	Rear control stick inspection	AD 2002-044, TB 336-10	<a href="#">02/02</a>

### **MÜ-13E Bergfalke I**

Status	Subject	Detail	Reference Information	TNS
M	Spar deterioration	Reduction of span	AD 75-42	04/75
M	CG hook mounting	Cracks caused by loose bolts	AD 79-501, TN 104-15	<a href="#">02/80</a>
M	Elevator & airbrake connection "bolts"	Replace with new "bolts" in aircraft material	TN 104-18	<a href="#">08/85</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>
M	Flight controls	Elevator and tab drive arm	AD 2009-0132, TN 104-24	<a href="#">3/2009</a>

### **Bergfalke II, II-55, III and IV**

Status	Subject	Detail	Reference Information	TNS
	CG hook mounting (Berg III only)	Cracks caused by loose bolts	TN 104-2/76	<a href="#">02/77</a>
M	CG hook mounting (all)	Cracks caused by loose bolts	AD 79-501, TN 104-15	<a href="#">02/80</a>
	Spar deterioration	Water in brake box		<a href="#">05/79</a>
M	Main wing pin	Not fully through lower spar lugs, safety pin hole too low down	TN 104-17	<a href="#">02/85</a>
M	Elevator & airbrake connection "bolts"	Replace with new "bolts" in aircraft material	TN 104-18	<a href="#">08/85</a>
	Tailplane at front attachment	Damaged by water - inspect in depth		<a href="#">08/86</a>
	Speed brake lever	In centre section cracked – reinforce		<a href="#">10/89</a>

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M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>

### Zugvogel III A & B

Status	Subject	Detail	Reference Information	TNS
	Elevator hinge pin	sheared at the weld		<a href="#">06/92</a>
M	Control cables	Inspection/replacement of cable sleeves	AD74-323	
M	Wooden Structure	BGA Inspection of wooden structures using Kaurite glue and 5 year repeat	<a href="#">BGA 047/02/2006 issue 1</a>	<a href="#">1-2006</a>