

## Grob (Germany)

### CONTACT

**Product Support:** [Lindner TLB](#) (took over from Grob)

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### Airworthiness Directives

[LBA](#)   [EASA](#)   [Grob ADs and TN/SBs spares and repair schemes from Lindner LTB](#)

### Single Seat Astir Series

Status	Subject	Detail	Reference Information	TNS
M	Fixed wheel variants	Reinforcement of wheel mount	BGA Mod Astir/1/83	<a href="#">04/83</a>
	Top harness attachments	Secure around transverse tube and through buckle 3 times	RS 306 & 320	<a href="#">12/87</a> & <a href="#">02/93</a>

### Astir In Service Reports (Advisory)

Status	Subject	Detail	Reference Information	TNS
	Aileron connectors	Disconnect & rods jam		<a href="#">10/87</a> & <a href="#">10/79</a>
	Speed brake paddle	Lever arm cracked		<a href="#">03/82</a> & <a href="#">12/83</a>
	Aluminium fuselage main frames	Inspect frequently for cracks		<a href="#">04/84</a>
	Lower rudder hinge	(not CS) cracks in GRP		<a href="#">06/85</a>
	Elevator control rods	Corroded in rear fuselage		<a href="#">08/87</a>
	Elevator vertical drive	Loose rivets		<a href="#">08/87</a>
	Wing to fuselage attachments	Balls missing (should be six per socket)		<a href="#">10/87</a>
	Retractable u/c hinge bars	Circlips come off - replace with split pins		<a href="#">12/98</a> & <a href="#">06/88</a>
	Undercarriage lever retaining bolt	Loose in GRP		<a href="#">06/92</a>
	Frame at base of the fin	Fractured by ground loops - causes tail end flutter		<a href="#">04/95</a> & <a href="#">06/95</a>
	Tow hook back release	If wire launched with adverse yaw may have difficulty Releasing		<a href="#">02/00</a>
	Tailplane mounting	Location ball thread cracked (AD inspection)		<a href="#">12/05</a>
	Tailplane location pins	Flanges cracked		<a href="#">12/05</a>
	Tailplane mountings	Continued problems with Spherical ball mounting. New mounting immanent.		<a href="#">1/2006</a>

### Astir CS

[Astir CS Data Sheet](#)

[Astir CS77 & Jeans Data Sheet](#)

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### Grob 102 Club Astir II, III & IIIb and Std Astir II & III

#### Speed Astir II & IIB

### Twin Astir, Twin Astir Trainer, G-103 Twin II, G-103A Twin II Acro, G-103C Twin III & Twin III Acro

[Grob G-103 Twin II & Grob 103A Twin II Acro Data Sheet](#)

[Grob G-103 Twin III & Twin III Acro Data Sheet](#)

#### Twin Astir In Service Reports (Advisory)

Status	Subject	Detail	Reference Information	TNS
	Wheel brake back plate	Torque stud fractured		<a href="#">07/78</a>
	Rudder cables	Damaged at "S" bends		<a href="#">06/84, 06/05</a>
	Airbrake lever failure (front)	Failure		<a href="#">10/98</a>
	Side hinged rudders	Delamination of fin skin at hinges		<a href="#">08/86</a>
	Aileron mass balance	Cracks - inspect		<a href="#">02/86</a> & <a href="#">04/89</a>
	Tow hook	Front mounting bracket cracked		<a href="#">02/91</a> & <a href="#">10/89</a>
	Manual & placard amendments	G-103C only	TN 315-40	<a href="#">12/89</a>
	Rudder drive	Failure at fork end at rudder		<a href="#">06/90</a>
	Wing to fuselage joiners	Inspect after ground loops		<a href="#">02/91</a>
	Rudder cable pulleys	Cracked		<a href="#">02/93</a> & <a href="#">12/94</a>
	Front rudder pedals (G 103C)	Slide rod fractured		<a href="#">06/96</a>
	Canopy jettison handles	Disengaged from jettison systems - check		<a href="#">08/97</a>
	Rear release cable	Jams between panel & coaming. Hook held open		<a href="#">10/97</a>
	Airbrake over-centre adjustment	Must be correct to avoid un-demanded opening		<a href="#">12/97</a>
	Front rudder pedals	Mounting plate partial disbonding - inspect		<a href="#">12/98</a>
	Control cables	Cable release failed at swage at release hook arm		<a href="#">04/00</a>

#### Grob G-103 Twin 3 SLMG

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### Grob G-109 & G-109B

Status	Subject	Detail	Reference Information	TNS
M	G109B - CAA flight manual change	Quoted performance reduced	CAA Ref 1236/41491	<a href="#">04/99</a>
R	Flying controls	Inspection of air brake control rod	<a href="#">BGA 022/10/2001 iss1</a>	<a href="#">10/01</a>
R	Flying controls	Inspection of elevator control rod	<a href="#">BGA 036/06/2003 iss1</a>	<a href="#">06/03</a>

### G-109 In Service Reports (Advisory)

Status	Subject	Detail	Reference Information	TNS
	Corrosion of bolts	In wing root attachments		<a href="#">06/91</a>
	Hot air shutter valves	Cracked, failed & and butterfly screws loose		<a href="#">10/86</a> , <a href="#">12/92</a> & <a href="#">10/91</a>
	Rudder	Bell crank cracked & failed		<a href="#">08/92</a>
	Pulleys in wheel brake system	Cracked replace nylon with aluminium		<a href="#">04/94</a>
	Tail wheel springs	Damage rudder push-rod		<a href="#">06/97</a>
	Pitch change bolt failure	Various causes detailed in TNS		<a href="#">02/98</a>
	Canopy jettison control	Jammed by screws that attach roof trim		<a href="#">06/98</a>
I	Engine oil sump (G109 B)	Oil sump plug & oil cooler unions loose, check & wire lock		<a href="#">06/03</a>