

DG Flugzeugbau (Glaser-Dirks) (Germany)

Status	Subject	Detail	Reference information	TNS
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Contact: Mclean Aviation <http://www.mcleanaviation.co.uk/>

LBA Airworthiness Directives <https://www.lba.de/EN/DivisionT/Airworthiness/ADs/ADs.html> and EASA <http://ad.easa.europa.eu/>

Factory ADs and TNs <http://www.dg-flugzeugbau.de/tech-mitteilungen-e.html>

DG-100

DG100 In Service Reports (Advisory)

	Rudder cables	inspect at pedals	07/76
	Water ballast	check for leaks	07/76
	Airbrake control system	rod failure in centre section	08/79
	Rudder cable conduit	detached in rear fuselage	02/83
	Debris in the wings	fouls controls	08/83
	Rudder separation in flight	inspect	12/88
	U/C lever	must be fully home (against fuselage side) to lock U/C down	12/99
	Canopies	single piece canopies, improved canopy securing	
	Controls	Missing washers on aileron push rod bearing attachments	01/11
I	Rudder	Stops missing and loose, check annually and use Loctite	3-2011
	Petal adjuster	Control knob fouling control stick. Retraction spring missing	2-2013

DG-200 & 202

DG200 In Service Reports (Advisory)

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Status	Subject	Detail	Reference information	TNS
	Rudder circuit becomes stiff	nylon conduits in rear fuselage loose		02/83
	Rudder separation	inspect rudder adjacent to bottom hinge		12/88
	Canopies	single piece canopies, improved canopy securing		
I	Rudder	Stops missing and loose, check annually and use Loctite		3-2011
I	Air Brake	Damaged control rod by contact with undercarriage lever		6-2011

DG-300

R	Water ingress	Possible water ingress into elevator Controls in fin	BGA 009/10/2000 issue 1	10/00
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DG300 In Service Reports (Advisory)

	Elevator auto-connect misaligned	optional guide block introduced		04/87 & 08/85
	Control system bearings	at wing root corroded		06/89
	U/C lever travel restricted	by locking paw fouling		04/90
	Canopies	single piece canopies, improved canopy securing		
	U/C jammed	by bungee key rings		02/89
	Air brake slots	introduce drains		12/91
I	Rudder	Stops missing and loose, check annually and use Loctite		3-2011

DG-400

DG400 In Service Reports (Advisory)

	Engine	EGT gauges recommended to prevent engine overheating & failure		02/98
	Canopies	single piece canopies, improved canopy securing		
	Engine	Fuel pipe leaking. Under tank before fuel tap		2-2010
I	Rudder	Stops missing and loose, check annually and use Loctite		3-2011

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Status	Subject	Detail	Reference information	TNS
<u>DG-500 & DG-505 All marks</u>				
<u>DG500 In Service Reports (Advisory)</u>				
I	Airbrakes	Operating arms immersed in water causing bearing failure		10/03
I	Landing gear	Failure of main gear frame, cracks from weld. Inspect after heavy landing and C of A		10/03
I	Optional rear seat headrest	If fitted restraining cords must be fitted	TN843-6, TN348-5	2-2007
I	Controls	Elevator rod nut loose. Use locktite where specified		3-2010
I	Rudder	Stops missing and loose, check annually and use Loctite		3-2011
I	Ballast weight	Fixed tail trim ballast weight loose – improved design		3-2011
I	Tail plane	Diss-bonder tail plane bush		5-2011
I	Main Wheel	Damage to main wheel shroud		6-2011
I	Flap drive	Bearing shells detached		3-2013

DG-500M, MB & 500/22M

M	Powerplant	Starter ring gear inspection	AD 2009-0169-E superseded by AD 2009-0225-E superseded by AD 2009-0239-E, TN 843/30r1	4-2009
M	Powerplant	Starter control unit replacement	AD 2013-0212	5-2013

DG500M In Service Reports (Advisory)

DG-600

DG-600M, DG-600-18M

DG600 M In Service Reports (Advisory)

Canopies	single piece canopies, improved canopy securing system
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I	Rudder	Stops missing and loose, check annually and use Loctite		3-2011

DG-800A, LA, B & S

DG 800 In Service Reports (Advisory)

Mikuni carburetors	needle arm levers fretted		04/95
Ignition coil wiring	unsupported		04/95
Engine	EGT gauges recommended to prevent engine overheating & failure		02/98
Engine	Spindle drive forward mounting and bolt worn		5-2010
Rudder	Stops missing and loose, check annually and use Loctite		3-2011
Electrical wiring	Starter motor terminal broken due to fatigue cracks		1-2014

DG1000 & 1000T

DG1000 In Service Reports (Advisory)

Propeller	Cracks found at transition from shaft to blade section		2-2007
Rudder	Stops missing and loose, check annually and use Loctite		3-2011
Rudder control	Cracks found in Neutral Bias spring attachments		1-2014