DG Aviation GmbH

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS

MAINTENANCE MANUAL

FOR THE MOTORGLIDER

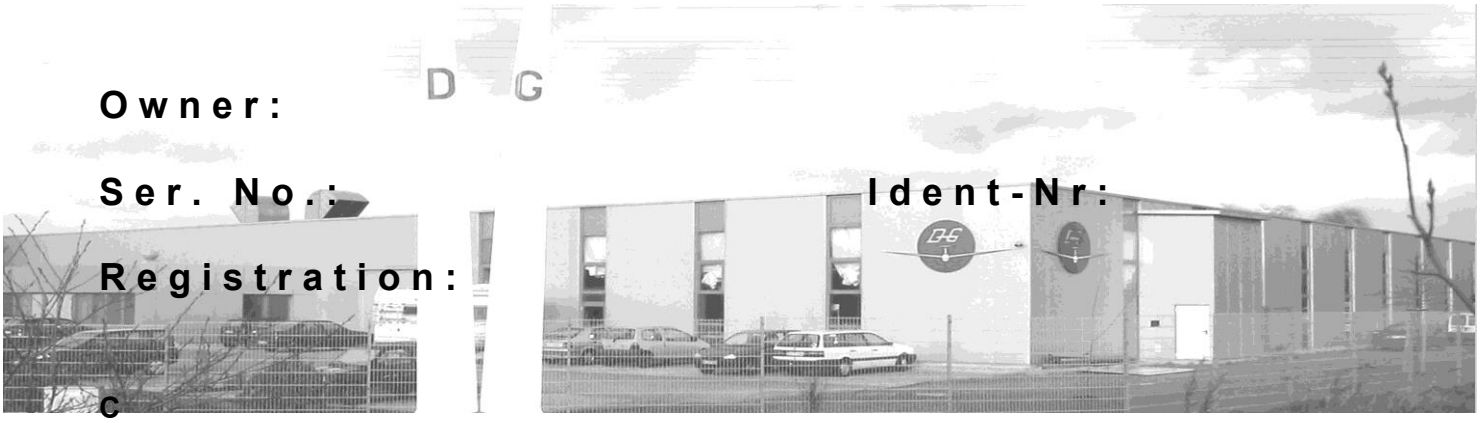
DG-800B

TYPE: **DG-800**

VARIANT: **DG-800B** (MID WEST AE50T)

TC Data Sheet No.: **EASA.A.067**

Initial Issue: **November 1996**



Owner:

Ser. No.: **Ident-Nr:**

Registration:

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Manual amendments

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1	2, 3, 4, 25, 28, 49, 86, 91, 93, 8E101, 8E105	TN 873/27 Manual revision	November 2001
2	1 - 5, 43, 44, 47, 92, diagram 11	TN 800/44 Fuel hoses	October 2016
3	1-6, 33,34, 44, 93, diagrams 3, 9	TN 800/45 Manual revision, coolant hoses	July 2017
4	1-3, 5, 45-47, 47 a, 48, 49	TN 800/45 Manual revision, life time drive belt	May 2023
5	1, 2, 8 - 10	TN 800/50 Adjustment of elevator free play	December 2023
6	Cover page, 1	TN DG-G-17 Update of cover page	August 2025
7	1, 2, 4, 8, drawing 1 St 038	TN 800/52 Control column, control stick suspension, securing the spherical bearings	September 2025
8	1, 4, 91	Alternative drive belts	September 2026

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8M110 Drawing Assembly upper drive belt pulley		20.03.96
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8. **Partlist**

In this list you will find only parts of the powerplant and the electrical system. Please find the part no's of the controlsystem parts and of the metal fittings of the powerplant in the following diagrams.

Parts for the powerplant (engine Mid West AE 50T)

a) necessary for the 25 hours inspection

60510808 Spark plugs: NGK JR 10 A
electrode gap 0.5 mm
Remove the screw caps.
60507570 fuel filter: Entrata IN

b) **Spare parts**

60510807 Spark plug connector NGK LZ-FH
60500127 Nut for spring coupling M 8 for exhaust muffler (Rotax 842330)
60500128 Spring for spring coupling M 8 (Rotax 239628)
60502500 Starter motor: DENSO 128 000-1671 12 V
or DENSO 12 000-1679 12 V
60500141 Airfilter 42
60504012 Drive belt 8M128-1 (Poly Chain PC 8MGT 2400-36 with smoothed back)
or
60554012 Drive belt 8M128-2 (Mitsuboshi Giga Torque)
or
60554013 Drive belt 8M128-3 (CONTI_SYNCHROCHAIN)
59320320 rear " " " " 320132X
52200054 securing washer 20 DIN 462 for upper pulley front bearing
30002028 special grease for upper pulley bearings SKF LGMT3
39001025 Exchange kit nuts and bolts for 400 h overhaul
60000183 Gas spring for extension-retraction drive B1 B1Z-3-250-383/900N or /750N
60000182 Gas strut for muffler frame E1 E1-76-040-130/150N
60507560 Electric fuel pump Facet 40105
60001201 Electric water pump Webasto U4810 modified
60504051 Radiator KTM 0095
40871990 Extension-retraction spindledrive type Magnetic GST 2011-200-01
or
60505000 Extension-retraction spindledrive type Stross ELT 10