



SEERVICES





Top quality service for your aircraft.





Your Partner

As a certified maintenance company according to EASA part-CAO and as an EASA approved design organisation according to Part 21J, DG Aviation GmbH mainly services sailplanes and powered sailplanes and ELA1 aircraft. The professional competence extends from the annual airworthiness inspection and tuning measures of all kinds to complex maintenance work and repairs.

Holger Back and Sebastian Tschorn with their team of engineers, inspectors, aircraft mechanics and enthusiastic pilots are your service partner for aircraft of different manufacturers.

SERVICE



Maintenance, inspections, engines and avionics

From a simple airworthiness inspection to the complex maintenance of airframes and engines, we offer you exactly the service you need.

Maintenance on all common types of 2-stroke, 4-stroke, Wankel, electric and jet propulsion.

New: dynamic balancing of your propulsion system for a noticeably better engine running; to reduce vibrations and to increase the actual life time of components.

Of course we also offer testing, repair and optimization of your avionics. Feel free to contact us!

Problems with your engine? We are the specialists for the engines of the manufacturers SOLO, ROTAX or MIDWEST and will have your engine running again.

SERVICES

SOLO
ROTAX





Modifications

Optimization

Finish

Propulsion

Maintenance

Repair

Our services

In addition to service life extensions, modifications to existing aircraft are an important part of our work. Over the past few years we at DG have developed a number of high-performance winglets. The family of neo winglets share their typical design shape. Based on the aerofoil data of the existing wing, the latest developments in aerodynamics were used to optimize the winglet

for each individual aircraft. The neo winglets can be retrofitted to any of the approved aircraft types. They offer an attractive option, even for older aircraft, with an improvement in terms of performance, handling and appearance at a reasonable cost.



Special care during repairs

Aircraft are not meant to be grounded. That is why we are eager to help you repair any damage to your aircraft, so that you can get back in the air as quickly as possible.

Whether you have a small dent or a broken tail boom, neither is a problem for us! Contact us and receive a non-binding quotation as soon as possible.

Should the repair of your aircraft run for a longer period, we can offer our DG-300 to prevent missing any beautiful flights.



Future developments

DG Aviation is constantly optimizing its products and procedures with a key focus on sustainability and recycling. We are currently cooperating in a government funded research project to reduce waste produced in fibre composite production.

E-mobility has been an important part of DG Aviation and the electric propulsion is available for the LS8 and the DG-1001 as a propulsion system. We continue to work consistently on developing efficient and powerful types of propulsion.

Repainting and redesign of Cockpits

The excellent paint jobs of our in-house finish department are a benchmark for quality in that area. For many years we have been offering repainting services for aircraft of all manufacturers. Especially when a life-time extension, repair or modification is performed, it makes sense to combine this with a repaint. Would you like a special paint option like an individual warning

coating or a registration covered with clear cote? Please contact us for the possibilities. Repainting, new interior or modern avionics, we provide for a special well-being in your cockpit.

Design organization

DG Aviation is an EASA approved design organization according to part 21J.

SEERVICES





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DG Aviation, your aviation partner

- + Maintenance, repair and testing of sailplanes, ELA-1 aircraft (up to 1200kg) and powered sailplanes
- + Propulsion: 2-stroke / 4-stroke / Wankel / electric / jet
- + Dynamic balancing of propulsion systems
- + Overhauls / repainting
- + Structure modifications (e.g. winglets) and avionics
- + Repair of 2-stroke engines
- + Cockpit upholstery
- + Inspection of avionics incl. transponder and ELT
- + Lifetime extension programs

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