EASA CERTIFICATION GRANTED TO DIAMOND AIRCRAFT DA50 RG

News / Business aviation, Manufacturer

Diamond Aircraft announced EASA certification for its exciting new DA50 RG single engine piston with retractable gear. This achievement marks a significant milestone in Diamond's history as well as for the General Aviation community and paves the way for initial EASA customer deliveries in Q1/2021. General Aviation's new first class piston single impresses with retractable gear, double slotted flaps for high lift and superior slow speed behavior, remarkable handling and flight characteristics, a spacious true 5-seat luxury cabin with a generous rear baggage compartment, Diamond's well-known safety features, striking ramp appeal and an environmentally conscious and fuel-efficient jet-fuel engine. Perfectly suited for single engine pilots looking for more seats and utility, as well as charter operators and corporate flight departments wanting to complement their larger aircraft with a low cost alternative for shorter trips.

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“We are extremely proud to have received EASA type certification for our single engine flagship, the DA50 RG. The Diamond Aircraft team has done a tremendous job to make this possible,” said Liqun (Frank) Zhang, CEO at Diamond Aircraft Austria. “With the DA50 RG we are introducing an innovative 21st-century retract single that we are convinced the market is missing. Bringing the aircraft to the market is a great accomplishment that we are very pleased to celebrate with our Diamond Aircraft Family and the aviation community all over the world. We are simply overwhelmed by the huge interest, the number of inquiries and feedback we have been receiving for this game changer since the launch in June. We are looking forward to welcoming many proud DA50 RG pilots over the coming months and years.”

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The DA50 RG is powered by the EASA certified twin-turbo-charged, liquid-cooled 6-cylinder 300 hp Continental CD-300 with Common Rail Direct Injection, offering a dual redundant FADEC (full authority digital engine control) system, integrated gearbox and propeller governor. The pilot benefits from tremendously eased engine operations, unique high-altitude performance, globally available jet fuel and remarkably low fuel consumption of just 9 USgal/hr (34.1 lt/hr) at maximum range.

Aircraft operators want to fly as eco-friendly as possible for a better tomorrow. With Diamond's line of jet fuel powered aircraft, they use fuel with much lower emissions than conventional aviation fuels and save many gallons of it.

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The sleek all carbon composite airframe of the DA50 RG incorporates advanced aerodynamics with the latest in passive safety technology for high performance, great efficiency and superior occupant protection. On top it is durable, easily maintained and will keep looking great for many years to come. The roomy luxury limousine like interior features generous ergonomic genuine leather seats, a 60/40 split folding three seat second row bench, premium materials in several styles and colors, middle armrest, overhead LED interior lighting and many optional features.

The DA50 RG features the latest development of Garmin on the G1000 sector, the Garmin G1000 NXi with standard 3-axis GFC700 autopilot combined with simple single lever power controls, offering great control and situational awareness reducing pilot workload.

“First customer feedback has shown that the innovative package is going to meet the needs of almost any private pilot’s flight mission in an unrivaled way. The traveling experience aboard the DA50 RG impressively stands out in terms of space, convenience, luxury and aerodynamic efficiency due to the retractable gear,” said Reinhard Schwaiger, Team Leader Civil Aircraft Sales at Diamond Aircraft Austria. “We are now going to work on FAA certification that we are expecting end of 2021 and are very excited to present the aircraft to a thrilled US market.”

For a detailed exterior and interior tour of the DA50 RG click here

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13 SEPTEMBER 2020

ARTICLE LINK:
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