EASA CERTIFIES HARTZELL POLARIS PROPELLER FOR DIAMOND DA40 NG

News / Manufacturer

Hartzell Propeller received approval from EASA for its 3-blade Polaris high-performance carbon fiber propeller for use on Diamond DA40 NG aircraft. Working closely with Diamond Aircraft, this Hartzell propeller is now also available as a factory-installed option on new Diamond DA40 NG models. Hartzell's lightweight Polaris propeller offers enhanced performance and durability over the standard wood-core propeller. The new propeller and included spinner delivers smoother operation, improved climb rates, and a 2 to 3 KTAS increase in cruise speed. Additionally, it features a quieter, eco-friendly noise signature of just 74.1 dB(A).

Jon Stoy, Vice President of Sales and Marketing at Hartzell Propeller commented: "The Top Prop performance conversion kit for the DA40 NG includes our carbon fiber propeller, choice of a white or metallic silver composite spinner, and complete STC documentation. It's an ideal upgrade for operators seeking advanced technology, enhanced performance, and long-term durability."

The 74-inch diameter Polaris propeller is designed specifically for the Austro Engine E4-A and features a robust Bantam aluminum hub. It comes with a 2,400-hour or 6-year Time Between Overhaul and is covered by Hartzell's comprehensive warranty through the first overhaul cycle. The Top Prop conversion kit is available for DA40 NG aircraft equipped with either MÄM 40-434 (Cowling Redesign) or OÄM 40-310 (Exhaust System with Muffler).

Engineered for low weight and inertia, Hartzell’s Polaris propeller is built using advanced structural carbon fiber composites, delivering excellent reliability, durability, and lifecycle value. Proven across multiple platforms, Hartzell’s carbon fiber propellers continue to set the benchmark for General Aviation performance and innovation.

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