

TEXAS TURBINE AWARDED STC FOR HARTZELL 5-BLADE PROPS ON CASA 212

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Airplane modifier Texas Turbine Conversions has received a Supplemental Type Certificate from the FAA for Hartzell Propeller's high performance five-blade structural composite swept propellers for CASA 212 short takeoff and landing utility aircraft.

"The modern five-blade props replace original equipment Hartzell four-blade aluminum propellers, providing weight savings and more efficient aerodynamics resulting in quieter flight and higher performance, including takeoff distance, time to climb, and faster cruise speeds," said Texas Turbine Conversions President Bobby Bishop. The new 112-inch diameter, five-blade Hartzell props with lightweight aluminum hubs incorporate durable carbon fiber structural composite blades with FOD resistant nickel-cobalt leading edges.



"Our latest five-blade technology optimizes performance of this versatile aircraft, which performs multiple utility missions around the world," said Hartzell Propeller Executive Vice President and General Manager JJ Frigge. "Hundreds of these rugged aircraft that are still in operation across the globe can now take advantage of the aerodynamic effect of blade sweep, the strength of lightweight structural composites, unlimited blade life and robotic manufacturing technologies perfected by Hartzell."

The high-wing CASA 212 is unpressurized with a nonretractable undercarriage landing gear. It is ideal for short legs, regional airline service and short takeoff and landing applications.

13 JANUARY 2020

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