



## NEWS INFORMATION

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### **NBAA Booth #7021**

## **Hartzell Propeller Receives FAA Type Certificate Approval for Its First ASC-II Composite Propeller for Turbine-Engine Aircraft**

*Launch customer to be announced at NBAA 2010*

Piqua, Ohio – October 15, 2010.... Hartzell Propeller Inc. has received FAA Type Certificate (TC) approval for its new advanced-composite ASC-II™ 4-bladed propeller. This is Hartzell's first ever ASC-II propeller developed for turboprop aircraft, and its launch customer will be announced at NBAA 2010 in Atlanta, GA.

Hartzell's new 4-bladed, 93-inch diameter, ASC-II advanced composite propellers with lightweight aluminum hubs will save over 30 lbs compared to an equivalent metal-bladed propeller.

Mike Disbrow, Hartzell's senior VP marketing and customer services, said, "Our development of an advanced-composite ASC-II prop specifically for turboprop aircraft is the beginning of an exciting new phase for Hartzell. The certification process has been purposely rigorous, and this certification expands our product line to reach an even wider range of potential customers. Our ASC-II composite blade technology is beneficial for any OEM or modifier that needs to reduce aircraft weight without giving up any durability.

"For strength and durability, the composite section of the propeller is composed of high strength carbon fiber. In order to achieve propeller TC approval the new blades underwent more than a year-long test program that included endurance, fatigue, lightning strike, bird strike, and propeller vibration testing, ultimately achieving certification for an unlimited fatigue life."

Hartzell Propeller is widely recognized as the leader in advanced propeller design and manufacturing technology. The company has developed the next generation of propellers based upon innovative "blended airfoil" technology and is manufacturing these blades on revolutionary machining center; and with its new ASC-II composite technology, to provide mission-optimized performance for its customers. Hartzell has appointed 21 companies worldwide as Recommended Service Facilities. It traces its beginnings in 1917 to a business relationship with Orville Wright and was founded on the principle of "Built on Honor" - a tradition that continues today.

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