



# FIRST FLIGHT EVALUATION OF THE TAMARACK PERFORMANCE SMARTWING MODIFIED KING AIR 350

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**Tamarack Aerospace completed flight evaluation phase for the Performance SMARTWING modified King Air 350. Comparative evaluations confirm predictive benefits of increased endurance and payload, high/hot take-off abilities, extended loiter time and safer, more stable flight offering significant benefits for both military and civilian aircraft. In addition to added safety and sustainability benefits, the Performance SMARTWING early comparative analysis confirms a 5% improved fuel flow in loiter mission cruise, 10% better climb gradients, and a 500 lb. “High/Hot” weight, altitude, temperature (WAT) improvement that provides almost two hours of added flight time endurance.**

**Nick Guida, CEO and Founder of Tamarack, said: “The robust flight-testing program for the Tamarack Performance SMARTWING King Air 350 focused on every aspect of safety and performance to ensure all modified aircraft will have been rigorously tested.” Differing from the Active Winglet technology currently found on more than 160 Citation Jet aircraft, Performance SMARTWING technology incorporates key advantages meant to address the specific demands of the military and surveillance market, as well. One such advantage is the dual load alleviation control surfaces engineered to ensure redundancy in complex,**

## **mission-critical scenarios.**

Military and civilian customers alike are showing great interest in Tamarack's latest King Air modification. The King Air 350 Tamarack Performance SMARTWING joins our King Air 200 airframe which has already been modified and is planned for certification following the King Air 350. Tamarack Aerospace Sales Director, Eric Cunningham said, "Tamarack is offering substantial savings for early investors in the King Air 350 Performance SMARTWING. Savvy customers see this unique technology as an ROI purchase that pays for itself after a relatively short time. This pre-certification pricing is being offered on a limited basis for interested parties looking to secure early production supplemental type certificate (STC) orders." Certification for the King Air 350 is anticipated within the next 18 to 24 months.

The Tamarack Performance SMARTWING on the King Air 350 marks the second turboprop airframe modification produced by Tamarack in addition to the nearly 160 Cessna CitationJets currently modified with Tamarack's Active Winglet technology. The Cessna fleet exhibits up to 33% greater range with this sustainable aftermarket technology, plus various performance benefits also featured on the Performance SMARTWING.

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