

# Advent eABS

BREAKTHROUGH GPS / DIGITAL ANTI-SKID

*"The eABS system has all the technology the large jets have plus tactile feedback. This provides our pilots with operating commonality within the fleet and has the added benefit of the latest in brake system safety technology for the King Air."*  
ProStar B300 eABS customer

Introducing the breakthrough technology Advent eABS™, which brings anti-skid braking for the first time to aircraft with manual braking systems.

Never before available for the King Air, the proven Advent eABS enables worry-free, effective and performance-enhancing anti-skid braking in all runway conditions. The lightweight system optimizes the landing performance and braking/stopping capabilities of the King Air, allowing the pilot to immediately apply full braking on all surfaces, safely and reliably, with full directional control and tactile feedback from the pedals. AFM Supplement for B300 offers 10% reduction in takeoff field required at high, hot and heavy conditions.



Weighing only 29 pounds, the easily-installed system does not require modification to the existing landing gear or master cylinders.

## Stopping, Re-Invented

**System Performance** - Best directional control and reduced stopping distance on runways contaminated with debris, water, ice and snow.

**Tire Protection** - Eliminates flat-spotted and blown tires during aggressive stopping on dry or contaminated runways.

**Tactile Feedback** - During eABS operation, the brake pedal pushes back, annunciating its operation, aiding the pilot in knowing the braking limits of the airplane.

**Alternative to reverse thrust** - Use of eABS eliminates risk of engine FOD and prop erosion in contaminated runway conditions.

**Touchdown Protection** - Wheel speed must spin up to at least 85% of aircraft speed before brakes will operate.

**Low-Speed Cut-out** - The system will not operate, in anti-skid mode, when aircraft speed is below 15 knots.

**Go ahead.  
Stand on the brakes.**

### ABS Simplicity

The patented Advent eABS system consists of left and right Brake Control Modules, left and right Wheel-Speed Transducers, Digital Electronic Control Units and a combined Control Switch and Annunciator.

### Certified

The eABS for the King Air B200/B300 is certified in the US, Canada, EASA and Australia, with further certifications planned. In addition, the eABS has MEL relief and requires maintenance only on condition, thanks to a completed 20,000 cycle test.

### Convenient & Affordable

Available through a world-wide network of authorized dealers for \$55,890.00 plus installation labor. The easy-to-install system requires minimal downtime.

### Customer Service & Warranty

Advent technical support is available on call or in the field. All eABS components and installation hardware are covered by a two-year warranty.