

Advent **eABS**

BREAKTHROUGH GPS / DIGITAL ANTI-SKID

Anti-Skid Braking System for the T-38C



Developed by:



Advent Aircraft Systems, Inc

Advent eABS

BREAKTHROUGH GPS / DIGITAL ANTI-SKID

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 T-38C, 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 T-38C, allowing the pilot to immediately apply full braking on all surfaces, safely and reliably, with full directional control and tactile feedback from the pedals.



Weighing only 28 pounds, the easily-installed system does not require modification to the existing landing gear, wheels and brakes, or master cylinders.

Stopping, Re-Invented

System Performance - Better 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 anti-skid operation, the brake pedal pushes back, annunciating its operation. This feature will aid the pilot in knowing the braking limits of the airplane.

Low-Speed Cut-out - The system will not operate, in anti-skid mode, when aircraft speed is below 10 knots.

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

**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, a digital electronic control unit and a combined control switch and annunciator in each cockpit.

Certified

The eABS proposed for the T-38C is certified in the US, Canada, EASA and Australia on the T-6A/B/C, King Air B300/B200, Pilatus PC-12 and Eclipse 500. The eABS is FAA approved for On Condition maintenance and inclusion in MMELs. Over 120 shipsets in service to date.

Convenient, Affordable & COTS

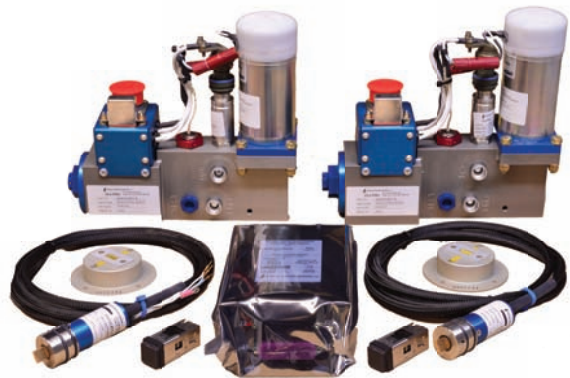
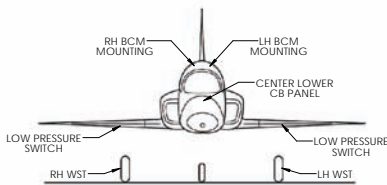
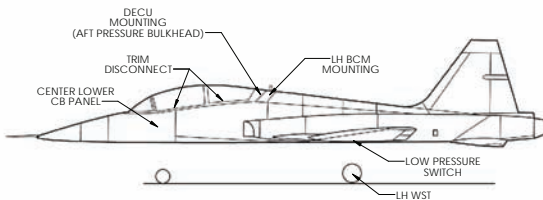
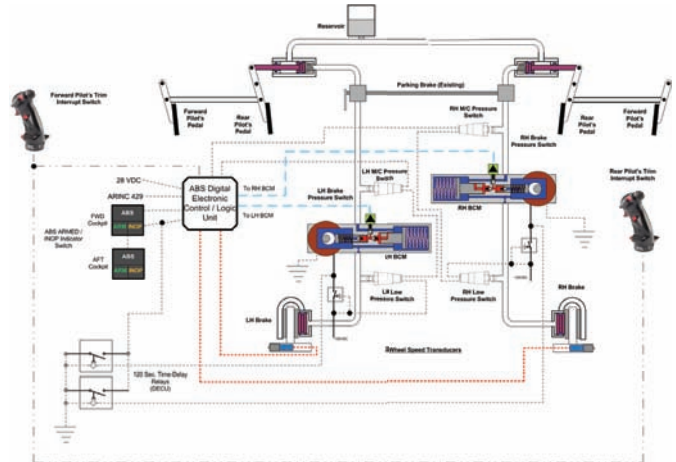
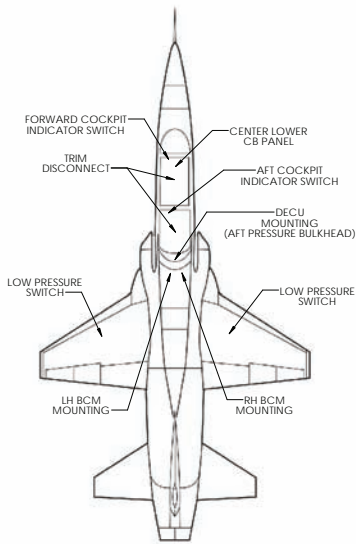
Commercial pricing is available from Advent Aircraft Systems, Tulsa, OK. The easy-to-install system requires 10-15 days downtime, whether using field teams or during scheduled maintenance. The existing T-38 brake system is retained.

Customer Service & Warranty

Advent technical support is available with a call, text or e-mail, or in the field. All eABS commercial components and installation hardware are covered by a two year warranty.

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