

TDG Aerospace Receives STC for New Safety Product Designed to Protect Airplane Fuel Systems from Potential Ignition Sources

TDG's Universal Fault Interrupter (UFI™) protects aircraft fuel systems from line-to-line, line-to-ground, open phase, and arc faults. The UFI also provides auto shut-off of the center tank fuel boost pumps if operated when the tank is empty.

Escondido, CA – January 10, 2006: Today TDG Aerospace, a global leader in aircraft safety solutions, announced that it has received supplemental type certification (STC ST01844LA) for its Universal Fault Interrupter (UFI™ 3000). This STC permits installation of TDG's UFI 3000 device on Boeing 737-300 series aircraft, thereby providing comprehensive protection for the fuel pump and pump electrical power feed systems. This proprietary and patent-pending UFI technology developed by TDG is the first electrical protection device of its kind to comply with 14 CFR Part 25.981 amendment 25-102.

A traditional ground fault interrupter (GFI) detects line-to-ground faults but will not protect the fuel pump system from line-to-line faults or missing phases, both of which have been identified by the FAA as potentially dangerous ignition sources. Additionally, the UFI features TDG's patent-pending auto-shutoff capability. This unique feature protects the pump from operating dry for an extended period of time by shutting off the pump when the intake is uncovered for more than fifteen (15) seconds.

The UFI 3000 is a plug-and-play device, requiring no unscheduled aircraft ground time for installation and no scheduled maintenance intervals - a distinct departure from alternative fuel pump auto-shutoff solutions. The UFI 3000 records historical pump operating parameters as well as instantaneous fault information in non-volatile system memory, providing a history record that will assist maintenance crews in troubleshooting boost pump system faults. UFI technology will assist airlines in complying with SFAR 88 mandates, and is currently being integrated into solutions for the remaining commercial aircraft types.

“From TDG’s perspective, prevention is the key word in aircraft safety,” said Gerald Bench, President & CEO of TDG Aerospace. “It is the only product of its kind that offers such a comprehensive layer of protection in one inexpensive and easy-to-install device. The feedback that we have received from our airline partners is very positive.”

About TDG Aerospace:

TDG Aerospace creates dynamic air safety solutions for the aircraft and aerospace industry. Specializing in the development of cutting-edge products that prevent fire and ice, TDG provides solutions that help airlines save money, improve safety, ensure compliance and greatly reduce delays. Headquartered in Escondido, CA, TDG Aerospace was founded in 1990 and serves major air carriers such as American Airlines, Alaska Airlines, Delta Air Lines, Midwest Express, US Air and Aeromexico among others.

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