

For Immediate Release

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TDG Aerospace Announces New Safety Products Designed to Prevent Fire and Ice on Commercial Aircraft

TDG's Universal Fault Interrupter prevents problems associated with line-to-line, line-to-ground and arc faults. TDG's Clear Ice Prevention Systems prevent ice formation in above freezing temperatures.

Paris, France — June 15, 2003 — Today at the Paris Air Show, TDG Aerospace, a global leader in aircraft safety solutions, announced two new aircraft safety products, the Universal Fault Interrupter (UFI 3000™) and the WarmWing™ Clear Ice Prevention System. Both products leverage TDG's cutting-edge technology, which is currently used by major airlines to prevent problems associated with fire and ice, including fires caused by line-to-ground faults and clear ice formation on upper wing surfaces in above freezing temperatures.

TDG Introduces Patent-Pending UFI 3000 Technology

TDG's Universal Fault Interrupter (UFI 3000) is a new product that protects an aircraft's electrical systems and components from electrical arcing in and around critical areas such as fuel pumps, boost pump motors and fuel quantity indicators. This new technology developed by TDG is the first of its kind to detect and continuously prevent line-to-line, line-to-ground and arc faults simultaneously. Traditional low-tech solutions to faults tend to have lower reliability, higher power dissipation and less effective detection circuitry. The UFI 3000 acts immediately upon fault detection by instantly removing power from the affected area and shutting down the circuit before an arc occurs. The UFI 3000 will assist airlines in complying with SFAR 88 and can be custom-programmed to operate with varying loads and fault detection scenarios.

From TDG's perspective, prevention is the key word in aircraft safety, said Peter Richard, Chairman of TDG Aerospace. Time to resolve a problem in the air is a luxury rarely available. The UFI 3000 is unique in that it not only detects, but more importantly, it prevents problems from occurring. It is the only product of its kind to protect against line-to-line, line—to-ground and arc faults simultaneously.

TDG Aerospace presently offers the NOFOD™ Clear Ice Prevention System, the first and only over-wing heater blanket system to ensure full compliance with FAA Air Worthiness Directive AD-2002-21-06 (STC SA6042NM). TDG Clear Ice Prevention Systems are designed to prevent the formation of cold soaked wing ice, which forms as a result of supercooled fuel chilling the upper wing surfaces of the aircraft. This non-environmental ice or clear ice forms on the upper wing surfaces of aircraft in ambient temperatures between 35° - 75°F (2° - 24°C), and can pose a significant flight safety hazard for planes operating in moisture-rich climates.

The NOFOD system was designed for use on rear engine aircraft, which are susceptible to foreign object damage (FOD) from clear ice exiting the wing during takeoff and being ingested by the rear engines. The NOFOD system is currently installed on the entire MD-80 fleets of American Airlines, TWA, Delta, Alaska Airlines, US Airways, Aeromexico and Midwest Express.

TDG is currently developing the WarmWing Clear Ice Prevention System, further leveraging the technology developed for the proven NOFOD product. The WarmWing is designed for use on aircraft with thin profile wing designs. Like NOFOD, the WarmWing system consists of over-wing heater blankets that become a robust structural part of the wing. The system prevents the formation of clear ice in above freezing temperatures by providing a continuous source of heat to the upper surfaces of the wing while the aircraft is on the ground. The TDG solution ensures that an aircraft can take off with clean wings, in accordance with FAR 121.629, 125.221, 135.227, and 91.527, which prohibits takeoff when snow, ice or frost is adhering to the wings, propellers or control surfaces of an aircraft.

Beyond the obvious safety benefits, the cost advantages of our clear ice prevention systems are significant, said Gerald Bench, President and CEO of TDG Aerospace. By eliminating the

threat of cold soaked wing ice while the plane is on the ground, the TDG system ensures the plane can be flown at its most fuel efficient altitudes. Additional savings are achieved through elimination of the costs associated with deicing, including glycol and flight delays. The system also eliminates the requirement of flight crews having to perform wing inspections prior to takeoff. All of these benefits enable airlines to achieve faster turns, tighten their schedules and improve utilization. This is a product that delivers a clear payback within the first twelve (12) months of use.

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 San Diego, CA, TDG Aerospace was founded in 1990 and serves major air carriers such as American Airlines, Alaska Airlines, Delta Airlines, TWA, US Air and AeroMexico among others. For more information, call TDG Aerospace at (619) 398-4633 or visit our Web site at www.tdgaerospace.com

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