



*Cleaning the Air We Breathe in Flight*

## **Proven Aircraft Interior Purification System Adapted for Ground Use**

**March 19, 2020, Savannah, GA...** Aviation Clean Air (ACA) and International Aero Engineering have partnered to offer the ACA Ionization Purification System as a portable Ion Distribution Unit for Ground Use Only for **proactively** disinfecting aircraft interiors. The unit utilizes the same **tested, proven** technology as ACA's patented airborne system, which is certified for aircraft installation by FAA Supplemental Type Certification (STC). The new Ion Distribution Unit has been adapted to meet the immediate need for decontaminating aircraft interiors while on the ground. The system provides aircraft operators and service facilities a proven solution to effectively decontaminate aircraft interiors and protect the health of maintenance personnel as well as passengers and crew.

The proactive bipolar Ion Distribution system kills pathogens and purifies the air and surfaces by pushing air through the cabin and distributing ions throughout the aircraft interior. The electronically created positive and negative ions form from hydrogen and oxygen molecules in the water vapor present in the air and work as a cleaning agent to purify the air and surfaces. The technology replicates and **accelerates** nature's cleaning process that successfully inactivates airborne and surface viruses.

The ground unit developed by ACA and International Aero Engineering is a portable, **110 VAC** electric-powered ionization and air blower unit that is placed on the floor of the cabin and activated for a period of time, ranging from one to two hours. Upon completion, the unit is powered off and removed from the aircraft. Ground crew, technicians and other personnel can then confidently enter the aircraft and perform their normal functions. In addition to disinfecting and purifying the aircraft, the ionization unit eliminates the quarantine requirement currently in place at many OEM aircraft maintenance facilities.

"We have been working with aviation manufacturers, operators and service companies for many years, and we know how important it is to them and their customers to continue to keep the industry functioning, while also being vigilant about the current situation," said Jonathan Saltman, International Aero President and CEO. "The partnership with Aviation Clean Air, who has established industry relationships as well, allows us to provide a much-needed solution to effectively and efficiently deal with the enhanced levels of decontamination being undertaken."

"Our Ionization Purification System has been installed on a variety of aircraft models and is proven to purify the air and surfaces onboard," said Howard Hackney, ACA Managing Member. "Adapting the system for ground use provides not only effective cleaning and disinfecting of aircraft interiors, it offers a number of advantages. The proactive, natural purification process uses no chemicals and produces no harmful ozone or other emissions. It will also not damage fabrics or carpeting, as other disinfectants potentially could. In addition, it lessens the number of personnel required and downtime needed to conduct a thorough disinfection."

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Both ACA and International Aero Engineering International hold Approved Supplier status from several OEM aircraft manufacturers around the world.

### **About Aviation Clean Air**

Aviation Clean Air, LLC (ACA) offers the only proactive system that immediately improves interior air quality and kills pathogens where they live throughout the aircraft. ACA's airborne Ionization System is installed on a variety of aircraft models. Aviation Clean Air's facility is located adjacent to the Savannah/Hilton Head International Airport in Savannah, Georgia. For more information, please visit [www.aviationcleanair.com](http://www.aviationcleanair.com).

### **About International Aero Engineering**

International Aero Engineering, LLC (IAE), founded in 1998 as a sister company to [International Aero Services, LLC](http://www.internationalaero.com), is a dependable and efficient source of quality Engineering, Aircraft Test Equipment, Aircraft Ground Support, CNC Machined and Fabricated Parts for Aerospace, Military, Electronic and Commercial manufacturers. IAE also serves the Automotive, Motorsports, Aftermarket, Medical and Electronic industries. The company is ISO9001 / AS9100 Certified. For more information, please visit [www.internationalaero.com](http://www.internationalaero.com).

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