

## Aviation Clean Air and ACA/IAE partner with VSE Aviation and 1st Choice Aerospace to support Ion Distribution Unit for the Global Aviation Market

COVID-19 Successfully Neutralized in Latest Laboratory Tests

SAVANNAH, Ga., June 10, 2020 - Testing results of the needlepoint bipolar ionization (NPBI™) technology that powers Aviation Clean Air's (ACA) airborne and ACA/IAE ground-use purification systems demonstrated successful neutralization by ionization of the COVID-19 virus. The laboratory tests were conducted by Innovative Bioanalysis in a test setting designed to replicate the ionization conditions of corporate and commercial aircraft interiors. The results showed neutralization began immediately and that up to 99.4% of the virus was inactivated within 30 minutes.

The ACA airborne system is a patented Ionization Purification System certified by the Federal Aviation Administration (FAA) for aircraft installation. The proactive system, which operates through the aircraft's existing environmental control system (ECS) and functions automatically whenever the ECS is running, immediately improves interior air quality, eliminates odors and kills pathogens in the air and on surfaces throughout the cabin and cockpit of the aircraft. The Ion Distribution Unit for Ground Use Only was developed by ACA and International Aero Engineering (IAE) to proactively decontaminate aircraft interiors while on the ground. The Ground Unit utilizes the same proven, tested technology as the airborne system.

"This phase of the testing demonstrated the neutralization of the surface strain of the virus," said Jonathan Saltman, International Aero Engineering President and CEO. "Aerosolized testing as well as additional testing with various times and concentration of ion levels is currently underway."

"The proprietary NPBI technology utilized in our ground and airborne systems was developed and patented by Global Plasma Solutions," said Howard Hackney, ACA Managing Member. "NPBI is ozone-free and the only one in its category to pass the RCTA DO-160 standard for aircraft," Hackney continued. "Traditional bipolar ionization systems produce harmful ozone as a byproduct. Our system is a proactive, natural purification process that produces no harmful ozone or chemicals and requires no maintenance."

VSE Aviation, Inc., a subsidiary of VSE Corporation (NASDAQ: VSEC), is named as the preferred partner for Aviation Clean Air's (ACA) airborne and ACA/IAE's ground-use purification systems. VSE Aviation and its subsidiary 1st Choice Aerospace provide distribution and installation and product support, respectively.

John Cuomo, President and CEO of VSE Corporation said, "We are proud to support ACA and ACA/IAE technology with product distribution, installation and support. We see this is as an important step for both commercial and business jet travel in restoring the confidence of passengers and crew."

## **ABOUT VSE CORPORATION**

VSE is a leading provider of aftermarket distribution and repair services for land, sea and air transportation assets for government and commercial markets. Core services include maintenance, repair and overhaul (MRO) services, parts distribution, supply chain management and logistics, engineering support, and



consulting and training services for global commercial, federal, military and defense customers. VSE also provides information technology and energy consulting services. VSE Aviation expands VSE's distribution, supply chain management and MRO capabilities to federal and commercial aviation markets. 1st Choice Aerospace is an FAA/EASA Part 145 Repair Station. For additional information regarding VSE's services and products, visit us at <a href="https://www.vsecorp.com">www.vsecorp.com</a>, <a href="htt

## **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.

## **ABOUT INTERNATIONAL AERO ENGINEERING**

International Aero Engineering, LLC (IAE), founded in 1998 as a sister company to International Aero Services, LLC (founded in 1986), is a dependable and efficient source of quality Engineering, CATIA certified, Aircraft Test Equipment, Aircraft Ground Support Equipment and 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 <a href="https://www.internationalaero.com">www.internationalaero.com</a>.

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Sales Contact: <u>CleanAir@vseaviation.com</u> Media Contact: <u>Julie Stone</u>, 912-398-0498



