



**Peregrine**

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FOR IMMEDIATE RELEASE:

## PEREGRINE EXCLUSIVE SOURCE FOR ACA VIRUS DISINFECTION SYSTEM FOR **CHALLENGER 600 SERIES** AIRCRAFT

Peregrine selected as the exclusive source for the Aviation Clean Air (ACA) active pathogen disinfection technology, including the neutralization of the COVID-19 virus. The ACA pathogen eradication technology is now available for the **Challenger 600** family of aircraft (Challenger 600/ Challenger 601/Challenger 604/ Challenger 605/ Challenger 650 series including CL-600-1A11, CL-600-2A12, CL-600-2B16 (601-3A Variant, 601-3R Variant, and 604 Variant). Installation of the ACA system provides continuous removal action during the entire aircraft ground and air operation and is the key to complete and continuous defense against pathogens.

All pressurized areas of the aircraft are infused with positive and negative ions that effectively neutralize viruses and other pathogens using the ACA unique needle point bipolar ionization (NPBI™) system installed in the aircraft environmental control system. The system installation data and Supplemental Type Certificates (STCs) for Challenger 600 series business aircraft is now available from Peregrine.

Challenger aircraft and are equipped with fresh air systems that deliver 100% outside air with leading cabin air replacement rates. The ACA ionization technology offers an added layer of protection in the cabin.

“This system implements a layered defense for protecting aircraft passengers and crew by augmenting conventional cleaning procedures with the ACA system that provides continuous, effective neutralization of harmful pathogens.” David Rankin, president of Peregrine stated.

The STC and installation hardware kit for Challenger 600 series aircraft are available exclusively from Peregrine and can also be purchased and installed at Bombardier Service Centers or qualified Part 145 repair stations.

ACA units are a proactive air and surface purification technology installed in the aircraft environmental control system ductwork giving crew and passengers immediate clean, safe and healthy interior air. In addition to removing odors and allergens, its patented ionization technology kills pathogens throughout the aircraft pressurized areas including baggage/ cargo spaces. The ACA systems efficacy neutralizes many viruses including COVID-19, Bird Flu (H5N1),



Swine Flu (H1N1) and bacteria such as associated with SARS, Staph as well as eliminating Mold Spores, MRSA, E.coli, T.B., C.diff, Pneumonia and more. ***Testing for SARS-CoV-2 (COVID-19) effectiveness validation performed by an independent laboratory demonstrates over 99% effectivity.***

The Peregrine STC for the Challenger 600 family of aircraft complements other popular business aircraft models with Peregrine-developed STCs for aftermarket installation of ionization systems.

**Peregrine Avionics, LLC**, is an aircraft engineering and certification firm located at Centennial Airport in Englewood, CO. Over its 10-year history Peregrine has obtained over 25 STCs and provided extensive design and analytical support for Parts 23, 25, 27 and 29 aircraft. It is currently awaiting approval of its application for Organization Designation Authorization.

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