**COVID-19: Peregrine Engineering Flexibility with Ionization Disinfection System Certifications**

**COVID 19: Peregrine Providing Critical Engineering Solution – Aircraft Ionization Disinfection**

The dramatic COVID-19 pandemic negative impact to the global aviation industry is unprecedented., In response, Team Peregrine has developed multiple STCs for non-chemical mitigation, neutralizing, of surface and airborne pathogens in aircraft, including the COVID 19 pathogen. Working with Aviation Clean Air (ACA), Lee Aerospace, Duncan Aerospace, Bombardier and others, Peregrine has developed installation data and STCs for Dassault-Falcon, Gulfstream, Textron and Bombardier aircraft.

While we continue focusing on aircraft and avionics systems engineering, Peregrine expertise was sought by ACA and Lee Aerospace to address the unique needs of business and regional aircraft installation and certification.

ACA and Lee Aerospace turned to us to address the unique installation and certification needs of business and regional aircraft. Our successful track record installing and certifying aircraft and avionics systems made us their logical choice to do the same for ACA and Lee Aerospace in delivering the critical ionization disinfection system capability for operating aircraft.

~~AviaGlobal Group, an aviation consulting firm, partnered with Peregrine to develop world-wide guidance for aircraft disinfection and lead the working group addressing ionization system guidance~~

(**At the same time, world aviation industry standards association RTCA and EUROCAE created a team of industry experts to provide guidance for cleaning and disinfecting aircraft (SC-241/ ED-121). AviaGlobal Group, supported by Peregrine, lead SC-241 working group 3, non-chemical disinfection methods, of which ionization guidance was a key part of the final guidance document***. Through AviaGlobal Group, Peregrine was able to provide detailed support and guidance information for this critical effort. The final guidance document was release on 24 December 2020* (*Need footnote to link RTCA and EUROCAE.*).

 ***We are very proud to provide key support for this all-important industry-wide effort, making aircraft the most safe and pathogen-free environment, significantly enhancing passenger and crew health & safety.***

***Team*** Peregrine looks forward to working with you to develop additional STCs to address COVID-19 disinfection in other aircraft models. We encourage you to call or use out “contact us” link today.