



ACA
AVIATION CLEAN AIR

Aviation Clean Air has designed and perfected a component which seamlessly and economically provides pristine air as well as continually sanitized surfaces onboard and throughout the aircraft from wall to wall, floor to ceiling and cockpit to baggage.

Unique Abilities of the ACA Component Sets it in a Class by Itself and Far Above Any Other Method, Product, Component or Device on the Market Today for the purpose of achieving continuously improved air quality as well as surface purification simultaneously.

- **Instantaneously** goes to work and in just a few seconds provides pristine air by Effectively and Proactively controlling both existing as well as newly created odors [VOCs] including but not limited to odors associated with the fueling process and fuel emissions. The ACA Component eliminates body odors, cooking and cleaning odors and musty odors created by stale air wherever the conditioned air reaches via the ECS.
- **Continuously** provides for an enhanced environment by Effectively and Proactively killing in moments existing as well as newly created pathogens both airborne and on surfaces brought into the aircraft and spread by infectious aircraft servicing personnel, passengers or crew members by touching, coughing or sneezing. These pathogens include but are not limited to the common cold virus, all types and variations of flu, tuberculous, MRSA, C. diff, E. coli, Polio, Staph and many more throughout the cockpit and cabin thereby significantly reducing the likelihood of aircraft acquired diseases.
- **Proactively** and Continuously removes allergens from the breathing zone throughout the cockpit and cabin which translates into comfort for the passengers and enhancing the overall flying experience and lends the likelihood of higher alertness of the crew.
- **Proactively** and Continuously reduces static electricity throughout the cockpit and cabin which results in the comfort and enhancement of the overall flying experience.
- **Instantaneously**, Proactively, and Significantly reduces from the breathing zone the concentration by size the smallest and thereby the most harmful micro molecules suspended in the air during an oil mist event and by analysis should reduce overall exposure time.

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Unique Features:

- The ACA Component *is not a filter* and has no characteristics of a filtration system.
- The ACA Component is a 100% Green Technology.
- The ACA Component Replicates and Accelerates Nature's Natural cleaning, odor eliminating and disinfection process *with nothing else added*.
- The ACA Component uses no chemicals.
- The ACA Component produces no harmful by-products.
- The ACA Component produces no odors.
- The ACA Component requires no scheduled maintenance or upkeep as the ACA Component has nothing to repair or replace as no consumables are required for continuous long-lasting operation.
- The ACA Component has no moving parts to wear out.
- The ACA Component is 100% electronic and therefore has no moving parts.
- Once installed and activated the process of air and surface purification is automatic whenever the ECS is activated and air is flowing through the ducts into the cabin and cockpit.
- The ACA Component installs quickly and seamlessly into any aircraft's Existing ECS system.
- The benefits of the ACA Component are noticeable to the crew and passengers in just seconds.

Application:

- The ACA Component Environmental Condition and Tests are applicable to all airborne vehicles including fixed wing and rotary aircraft platforms.
- The ACA Component has been designated as a minor modification. The ACA Component can be installed and is effective on any airframe that has an ECS System. It has been installed under an STC on a Boeing 737 and a Gulfstream G550. ACA has been installed under FAA Form 337 on several additional models of aircraft. ACA has applied for a multiplatform STC which will include all large Gulfstream airframes.

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