

EMBRAER RELEASED TECHNICAL GUIDANCE FOR SANITIZATION IN COMMERCIAL AIRCRAFT

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Embraer has released technical guidance to apply UV-C lights for cockpit sanitization, as well as disinfectants and coatings for the cabin in the Company’s commercial aircraft. According to these specifications, the utilization of UV-C Lights in the Flight Deck region will eliminate the COVID-19 virus. The disinfectants, compatible with the aircraft materials, were developed based on extensive testing and ease of application for all surfaces in the passenger cabin and cockpit.

“Embraer is always working on pursuit of solutions that support its customers and their operations,” said Johann Bordais, President & CEO, Embraer Services & Support. “The main goal of these guidance is to effectively eliminate or inactivate a microorganism or virus in the flight deck and the passenger cabin through an effective, yet easy procedure.”

The document includes guidance for the EMB120 Brasilia, the ERJ 145, the E-Jets, and the E-Jets E2 families of commercial aircraft. Currently, there are more than 100 customers flying a fleet of almost 2,500 Embraer commercial aircraft in more than 80 countries.

In December 2020, Embraer released technical guidance to assist customers to properly define the transportation characteristics and payload requirements for the COVID-19 vaccines when using the Company’s commercial aircraft. The transport of these vaccines requires low temperatures, which are maintained using dry ice. An Embraer aircraft can transport over one

hundred thousand vaccines, depending on the aircraft configuration and containers used. That guidance includes technical information, such as how operators can load and unload each aircraft.

Regarding Embraer's products, the Company has released a Service Bulletin that allows ERJ 145 operators to install high-efficiency particulate air (HEPA) filters, which are standard on all versions of the Embraer E-Jets and E-Jets E2 families of commercial aircraft. HEPA filters are extremely efficient, capturing 99.97% of airborne particles and other biological contaminants, such as bacteria, viruses, and fungi. This technology is also available on Embraer Executive Jets, with the HEPA filter now standard on both the Praetor 500 and Praetor 600.

Embraer has also approved the use of MicroShield360 and Bacoban, long-lasting preventive coating systems that, when applied to aircraft cabin surfaces, continuously inhibits the growth of microorganisms, viruses and bacteria. The combination of these new features, with the existing cabin environment technologies, equates to a higher level of protection for passengers.



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