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AIRCARE INTERNATIONAL INTRODUCES NEXT GENERATION FireSock™ FOR SUSPECT ELECTRONIC DEVICE SAFETY ON BUSINESS AIRCRAFT

Tacoma, Washington, (November 23, 2020) – Aircare International today has introduced the next generation Aircare FireSock™ specially designed for lithium ion battery fire containment in aviation and maritime travel.

Lithium ion battery operated devices such as smartphones, laptops, tablets and cameras can pose a dangerous threat on board an aircraft if damaged or catches fire. When a corrupt battery cell becomes compromised in a lithium ion battery powered device, it can set off a series of chain reactions scientifically referred to as “thermal runaway.” This condition produces extreme temperatures and pressure causing the device to vent fumes, smoke, catch fire and explode, throwing dangerous shrapnel throughout the aircraft.

In the context of a battery related emergency, the next generation Aircare FireSock provides an opportunity for safer containment and transport of suspect devices inline with FAA recommendations and SAFO. Containing a potentially dangerous device before and after a battery incident allows the crew to focus on other important tasks such maintaining flight operations, containing smoke conditions, or preparing the aircraft and passengers for an emergency evacuation. The rapid deployment of the Aircare FireSock delivers a clear benefit when dealing with a suspect device.

FAA-recommended procedure to extinguish a lithium ion battery in full thermal runaway is to knock down the flames with Halon then cool the cells by dousing the suspect device with water or an aqueous-based fire suppressant such as FireBane®. The Aircare FireSock was designed to work in conjunction with FAA procedures and training. It is NOT a substitute for the FAA guidance. However, the FireSock represents superior risk mitigation against a suspect device, one that is getting hot but has not yet gone into thermal runaway. The FireSock contains the explosion and projected matter that commonly accompanies a lithium ion battery pack in thermal runaway.

With the next generation Aircare FireSock there is dramatic decrease in the exterior containment bag temperature and heat tolerances due to advances in insulation materials. The original form factor of the device remains the same, and comes packaged in a compact, lightweight tube for easy storage and onboard access. By design, the new insulation layer carries a temperature protection rating of 2000°F. The FireSock is designed to completely enclose any device (ranging from smartphone to large gaming laptop) placed inside, while a double-sealed velcro tab system locks the FireSock firmly shut to contain a suspect device and prevent the onset of thermal runaway. Externally, a handle and gloves are provided so the FireSock can be safely moved to a secure location after use.

The Aircare FireSock, part number FS-010, is distributed by Aircare Access® Assistance, a division of Aircare International that provides around the clock telemedical and travel assistance to business aviation flight departments. The FireSock™ retails for \$489 USD and can be purchased online in the Aircare Store. To request more information, contact Aircare International at 1-800-754-9805 or visit aircareinternational.com.

About Aircare International

Aircare International specializes in medical, safety and emergency related training, services and products for business aviation. Aircare International products include Aircare FACTS® Training for crewmember and passenger emergency procedures training; Aircare Crews® Staffing, providing a staffing solution for pilots and flight attendants and Aircare Access® Assistance, providing 24-7-365 telemedicine and support services. We are the only company in the industry that can provide such a comprehensive suite of products and services. Our



training and safety products are constantly evolving to compliment and improve a flight operation's safety culture. For more information visit aircareinternational.com.

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