



The ARTEX ELT 4000S

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The Next Generation Non-Lithium Survival Emergency Locator Transmitter is Launched by ARTEX

New FAA Non-Lithium Battery Special Conditions exempt ARTEX ELT 4000S with internal GPS provides next-generation aviation safety technology for transport aircraft

Singapore Air Show, February 15-18, Booth CM87

ARTEX, leading provider of safety and survival equipment to the aviation market, has launched the world's latest Non-Lithium Survival (S) Emergency Locator Transmitter (ELT).

The ARTEX ELT 4000S, often referred to as a Portable ELT by airlines and commercial aircraft OEMs, is the first survival beacon to offer a cost-effective, lithium-free solution for commercial airliners and transport aircraft across the world.

Introducing next-generation ELT transmitter technology to the market, the 4000S is exempt from FAA Non-Rechargeable Lithium Battery special conditions, offering cost savings to OEMs and operators due to reduced hazmat shipping and a low acquisition and maintenance cost. The on-wing five-year user replaceable alkaline battery system represents further ownership cost savings.

The buoyant beacon, designed for installation in the main cabin of a commercial aircraft, transmits on 121.5 and 406 MHz and has an integrated GPS (Galileo GNSS) receiver which will acquire aircraft position data. It is water-activated but can also be activated using a manual activation switch. On activation, the ELT's 406 MHz signal is transmitted to the global Cospas-Sarsat satellite network and routed to the nearest Search and Rescue agency. GPS data embedded within the digital transmission reduces the search radius to 100 meters.

The ELT 4000S has a mounting bracket offering lightweight and multi-axis release for location flexibility for left or right-hand installations. The beacon is compatible with existing ARTEX handheld Ground Service Equipment (GSE) programmers.

A 15-foot lanyard is stowed in the top housing for attachment to a life raft and a foldable antenna suitable for one-handed deployment is secured in a dedicated mounting system. The beacon also has an easy-to-read test system, utilizing green and red LED indicators to indicate a successful self-test or when service is required.

Marc Medeiros, Vice President of ARTEX, said: "Harnessing 30 years of ARTEX automatic fixed ELT expertise and based on our proven ELT 4000 system, the development of the ELT 4000S highlights ARTEX's commitment to respond to the requirements of our customers with innovative solutions. The installation

of ELT 4000 on many different aircraft has already proved the robustness of a 406 MHz alkaline-powered beacon in the harsh environment of an in-service aircraft. Now, there is a growing confidence and demand in the industry to capitalize on the benefits of alkaline battery systems that we can answer with our ELT 4000S.

“The ELT 4000S offers major OEM customers and operators a cost-effective, lithium-free solution. The five-year battery life is identical to current lithium-based solutions, but costs far less per unit to purchase and maintain. It is also a very simple retrofit installation with minimal engineering required.”

ACR Electronics, Inc. designs and manufactures an array of ARTEX ELT's, battery packs, and ELT accessories. ARTEX ELT's serve a wide category of aircraft ranging from general aviation to the world's leading airframe manufacturers, large commercial airlines, and government aircraft.

For more information on ACR Electronics' beacons and other safety equipment, go to www.acrartex.com.

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About ACR Electronics, Inc.

As a world leader in safety and survival technologies for 65 years, ACR

Electronics, Inc., manufactures and supports cutting-edge rescue beacons and survival equipment for the aviation, marine, outdoor and military markets. It is the foremost development center for emergency beacons that are designed with one purpose: to save lives. Its leading aviation brand, ARTEX, designs and manufactures a wide array of Emergency Locator Transmitters (ELTs), as well as battery packs and ELT accessories, for general, business, commercial and military aviation applications. ARTEX products are selected by the world's largest airframe manufacturers, airlines and governments, as well as private pilots, and are suitable for every type of fixed wing and rotorcraft aircraft. Engineered to work in all conditions when needed the most, ACR Electronics aviation products span a portfolio of brands including ACR, ARTEX, Skytrac, Flight Data Systems, Latitude Technologies, NAL Research, FreeFlight Systems and Bivy. The complete portfolio by ACR and ARTEX also includes Personal Locator Beacons (PLBs), iridium tracking and communication distress beacons, megaphones and distress lighting, and Flight Data Monitoring. For more information go to www.ACRARTEX.com