

EXCERPTS Summer 2019 Volume 87

THE WORD

What we do at Essex matters. Every. Single. Day. We challenge ourselves to push the envelope with product solutions that meet or exceed the expectations of our customers. Above all else, we know that somebody is counting on our products to work as expected — the first time, every time. The fighter pilot flying at twice the speed of sound expects the inputs they are giving to their Essex control grip to appropriately trim the nose of their aircraft. The flight attendant on a commercial airliner expects their Essex Portable Breathing Equipment to provide them with full protection in the event they must extinguish a fire. The flight medic tending to a wounded war fighter expects their Essex liquid oxygen system to provide life-supporting oxygen on a flight from an austere battlefield environment to a military hospital. People are counting on us. What we do at Essex matters.

As the commercial aviation industry experienced two major accidents in recent months, we reaffirm our top priorities of safety and quality. These events remind me that the best way to focus on those who use our products is to first focus on those who make our products. My colleagues. Essex employees. I am steadfast in ensuring Essex is always a place where our talented people can offer ideas, point out problems or deliver bad news without fear of retribution. At Essex, I will always require leaders who are constantly prepared to listen and validate the feelings and opinions of their colleagues. With our culture of taking care of each other, we will, therefore, be best equipped to take care of the people counting on our products. Every. Single. Day.

We appreciate your interest in Essex, and enjoy this volume of the *Excerpts*.

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F-35 JOINT STRIKE FIGHTER PROGRAM



The F-35 is a 5th Generation fighter, combining aircraft characteristics of advanced stealth, integrated avionics, sensor fusion and superior logistics support with the most powerful and comprehensive integrated sensor package of any fighter aircraft in history. Variants of the F-35 will replace fighters for the U.S. Air Force, the U.S. Navy, the U.S. Marine Corps, and ten other countries around the world. In addition to supplying the HOTAS grips, Essex also provides a series of valves for the F-35 fuel system.

EMERGENCY BREATHING PRODUCTION MOVED

Essex' Emergency Breathing operations has relocated to our facility at 8007 Chivvis Drive, Saint Louis, MO 63123. This is part of our consolidation project, which includes a complete facility upgrade with a major investment in new equipment.

There will be no changes or delays in service, production or shipping.





NEW AMBIDEXTROUS CURSOR GRIP

Essex has introduced a new Ambidextrous Cursor Grip, developed for applications where there is insufficient room for both right and left slew grips. This single control mounts on the console between the seats for use by both pilot and co-pilot.

This new ambidextrous design is suitable for use by the right or left hand and can be modified to fit both rotary and fixed wing platforms.

Essex also manufacturers the traditional right and left slew grips, mounted on the console to provide sensor control.



STORES JETTISON PANEL ASSEMBLIES

Essex has received a contract from the US Army for Stores Jettison Panel Assemblies used in various configurations of the Sikorsky-built UH-60 Blackhawk helicopter. Mounted in the center instrument panel, these assemblies can be activated to release external stores, such as fuel tanks or weapons, in the event of an emergency.

LM 100J CONTROL YOKE & COLUMN ASSEMBLIES

Essex has received a contract from Lockheed Martin to supply control yoke and column assemblies for the LM-100J transport aircraft. The LM-100J is a commercial derivative of the military C-130J Super Hercules, with select design changes enabling it to perform as a civil multi-purpose air freighter.

Under this contract, Essex will manufacture and test the entire assembly, consisting of a Lockheed Martin-designed column and an Essex-designed control yoke, which is identical to that of the C-130J. This system handles pitch and roll flight control, as well as the control of various aircraft systems such as pitch trim, communications and other on-board avionics.

In addition to the C-130J and LM-100J, Essex also supports the Lockheed Martin F-16, F-22 and F-35 platforms.



NOTEWORTHY

NEW TEST CHAMBER

A new Environmental Test Chamber has been installed at the Essex Sunnen facility. Engineering will use this equipment to test pressure and temperature changes for our products to insure that they meet customers' requirements.



ROUNDTABLE PARTICIPANT

Evan Waldman participated in a recent CEO Roundtable with Missouri Governor Michael L. Parson. The roundtable focused on workforce development issues and concerns related to the aerospace industry.



CUSTOMER VISIT

Visitors from the DCMA (Defense Contract Management Agency) recently toured the Essex Chivvis facility to get an overview of our products and capabilities.



TRADE SHOW AWARD

Essex Industries was selected "Best in Show" at the Paris Air Show among 268 participants in the USA Pavilion



UPCOMING TRADE SHOWS

—— Jul. —		
19 - 22	Military Health Systems Research Symposium Kissimmee, FL	Booth #915
Oct		
14 - 16	57th Annual SAFE Symposium Reno, NV	Booth #305
14 - 16	AUSA Annual Meeting and Exposition Washington D.C.	Booth #7818
21 - 22	C-130 TCG World Wide Review Orlando, FL	Booth #516
23 - 26	Airlift/Tanker Association Convention Orlando, FL	Booth #119
Nov		
4 - 6	Air Medical Transport Conference Atlanta, GA	Booth #647







