

# Astronautics Corporation of America

*Innovator in Design, Development of Cutting Edge Avionics Systems*

Since its founding in 1959, Astronautics has been recognized as a global leader and innovator in the design, development, integration and manufacture of state-of-the-art avionic displays, aircraft servers, flight instruments, Electronic Flight Bags and full flight deck upgrades. Its products have been chosen to fly on more than 150,000 aircraft worldwide. Astronautics, with nearly 2,000 employees, is headquartered in Milwaukee, Wis., with additional facilities in Little Falls, N.J., and Asheville, N.C., and several other countries.

Astronautics has designed and manufactured products ranging from advanced inertial navigation systems to complete avionic upgrades. Astronautics' growth is based on its flexibility in the global marketplace and its cutting-edge technological developments. Today, Astronautics supplies integrated avionic systems, actuators, advanced flat-panel displays and digital avionics equipment for commercial and military aircraft, including the C-130, C-17, P-3, F-16, T-38, Tornado, PC-9, A-109, UH-60, B-412 and many others.

Astronautics is the global leader in Electronic Flight Bags (EFB) with over 1,500 Class III EFBs flying to date. Astronautics' EFB is standard equipment on the Boeing 787 and is available on the 777, 767, 757, 747 and 737 aircraft. Astronautics' EFB includes an onboard performance tool that helps the pilot reduce fuel consumption, a key tool in today's economy. The Astronautics' EFB can also provide video surveillance



of all areas of the aircraft for enhanced security.

With Astronautics' certified Cockpit Display of Traffic Information (CDTI) application, for both Class II and Class III EFBs, the pilot can see current location along with the locations of other aircraft on the ground to prevent runway incursions. In the Class III EFB, a similar certified airborne application is being used for airborne Merging and Spacing operations. Astronautics has also developed and is producing a Single Processor EFB.

Astronautics provided a complete avionics upgrade for the Brazilian Air Force's C-130 fleet. Astronautics designed, manufactured, integrated and installed Astronautics 6 inch-by-8 inch displays and miniature air data computers with navigation, communication, flight control, flight management and autonomous defensive systems. All of this, plus flight testing and certification of this new modern glass cockpit in the C-130H was accomplished by Astronautics in 56 weeks from contract award. Retired Brazilian Air Force Commander and General Bueno affirmed, "Our planes' instruments and avionics were over 30 years old. This modern technology will be very beneficial, not only to the pilots but to the mechanics as well. The new instruments are more reliable and so they will last a lot longer." A true testament in the economic crisis we live in today.

"The core values established by our founders 50 years ago are still valid today," says Michael Russek, president



of Astronautics. "Astronautics' success has been based on our ability to work closely with our customers to understand their specific requirements, and then to design and produce products of the highest quality to meet or exceed those requirements. The success would not be possible without the creativity and dedication of our skilled Astronautics' employees."

Throughout the aerospace industry, the name Astronautics has become synonymous with quality products. Its global approach, state-of-the-art technologies and corporate resources have provided unlimited possibilities for growth. Astronautics' vision to be a world class designer, manufacturer and integrator of state-of-the-art technology, has been realized year after year. Astronautics management understands that in an ever changing technical environment, maintaining technical excellence is key to its success to meet the market requirements of today and in the future. Astronautics prides itself in its ability to comply with customer requirements and to provide innovative designs to meet these requirements. Astronautics will continue to be an industry leader in the years to come, with its constant evolution to meet or exceed market demands.

## Contact Information

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