

C-17 Globemaster III

Steadfast support of an industry icon



C-17 Globemaster III

Since its engineers began work in 1989 on the electronic flight control system for the U.S. Air Force's newest airlifter, BAE Systems has acquired an increasingly important role on the C-17 Globemaster III program. Today, BAE Systems is the transport's premier avionics supplier, its products playing a central role in the war on terrorism and other military missions. BAE Systems develops and produces electronic systems that should be the flight of the aircraft, manage the delivery of cargo, oversee navigation and other mission-critical functions, and control on-board utilities such as electrical and fuel systems. Continual upgrades to these systems ensure that the C-17 maintains its effectiveness and flexibility for all types of missions.

In 2015, Boeing completed C-17 aircraft production with more than 270 deliveries to the U.S. Air Force and foreign military customers. BAE Systems looks forward to continued support of the C-17 fleet as it enters the sustainment phase of the program.

This support includes providing spares and repairs as well as obsolescence management and engineering investigations for the customer.

The C-17 has demonstrated its strategic and theater airlift capability in every recent worldwide military operation. The four-engine transport can carry large combat equipment and troops, or humanitarian aid, across long distances. It can land on small, unimproved airfields anywhere in the world. The C-17 is designed to fulfill military airlift needs well into the 21st century.

Capable of rapid strategic delivery of troops and all types of cargo, and of performing tactical airlift and airdrop missions, it has been the airlifter of choice in the global war on terrorism, flying thousands of humanitarian and troop/equipment delivery missions in Afghanistan and Iraq. In addition, the C-17 played a major role in disaster relief following the 2004 tsunami and Hurricane Katrina in 2005.



Largest supplier of C-17 avionics

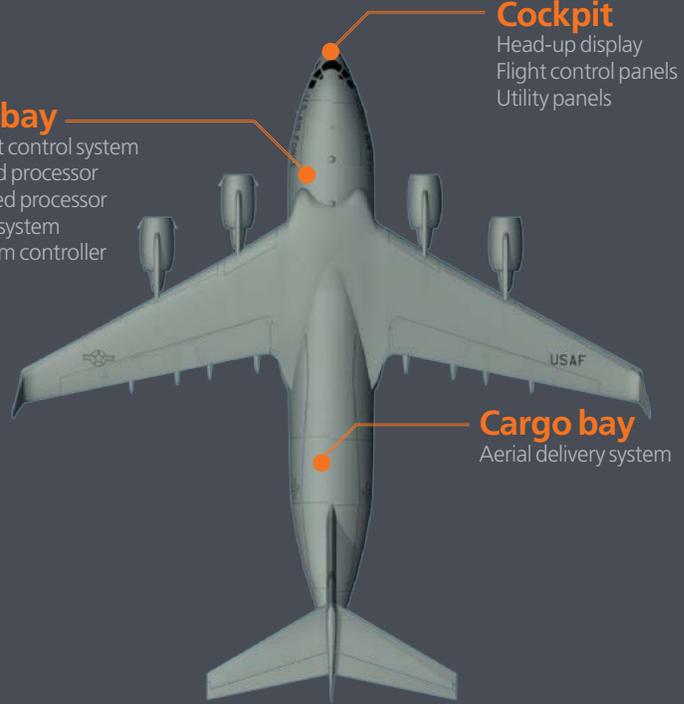
- Flight controls
- Cargo delivery
- Navigation systems
- Electrical, fuel, and other utility systems
- Continual upgrades to maximize performance
- Lower system weight and reduced mechanical complexity over conventional column and wheel (C&W)
- Head-up display

Avionics bay

Electronic flight control system
Core integrated processor
Video integrated processor
Aural warning system
Hydraulic system controller

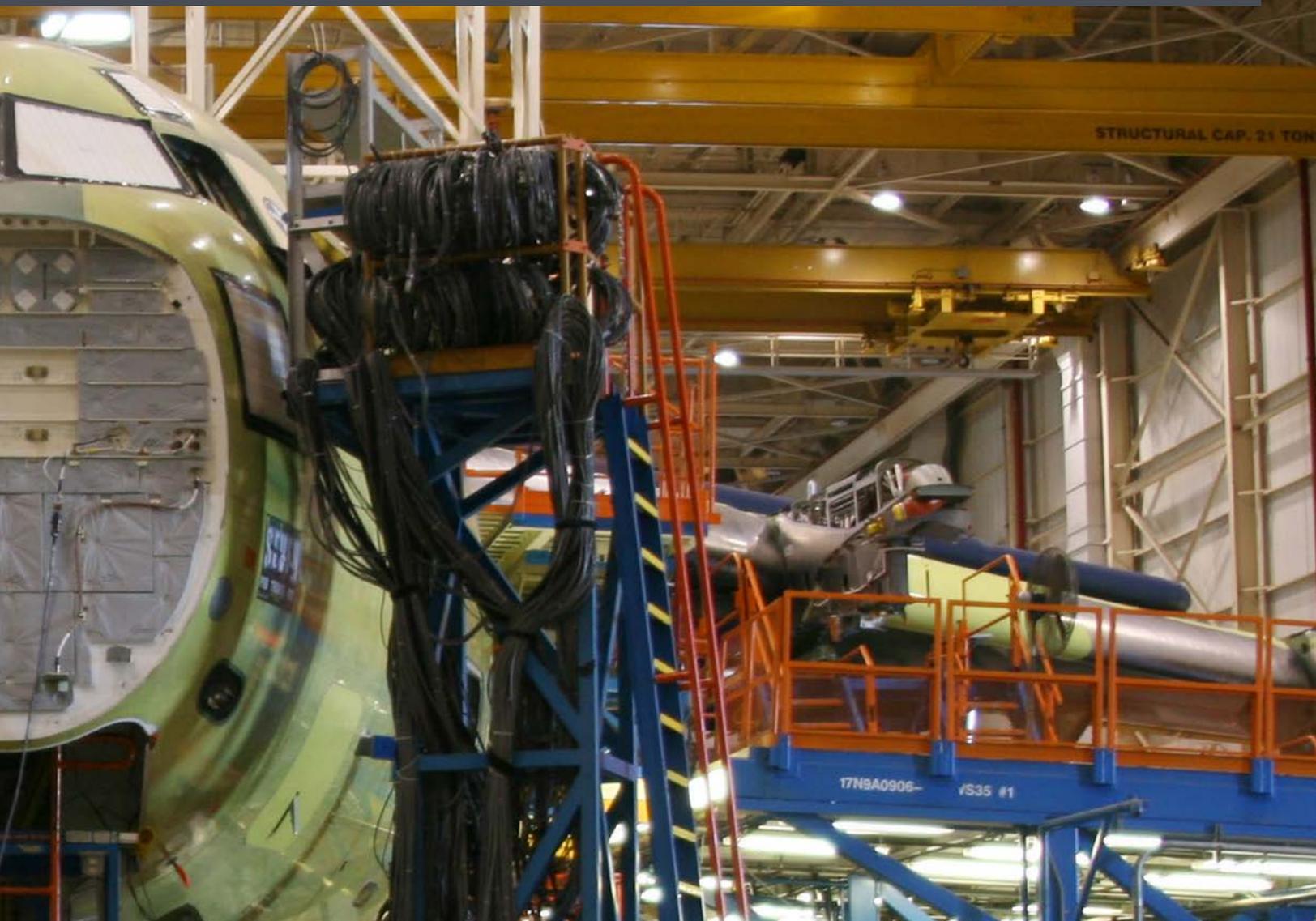
Cockpit

Head-up display
Flight control panels
Utility panels



Cargo bay

Aerial delivery system



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