

Mission crew workstation

Workspace solutions designed
for multiple military platforms



Mission crew workstation

BAE Systems' expertise includes packaging, development, and qualification of composite light weight consoles, flat panel monitors, COTS computers, and display processors.

BAE Systems supplies the mission computing and display system for Boeing's P-8 aircraft. Each P-8 aircraft has multiple consoles which serve as the main user interface to control and interact with sensors, communication and weapon systems. The consoles are a complex assembly manufactured using carbon composite for structural and weight savings.

Key features and benefits

- Tested and stressed in rigorous conditions, the workstations provide reliability for all mission-critical environments.
- Built with ultra-strong lightweight composite material, the workstations improve aircraft and platform performance.
- Our open architecture integrated in the mission crew workstations reduces cost as it allows consumers to use a wide selection of component capabilities.
- Ergonomically designed to be functionally superior as the viewing angle is optimal for seated and standing crew.
- Growth and expansion with the aircraft/platform is provided, as upgradability features enable the workstation to meet future aircraft requirements.

Rugged display

- Optical bonded
- Power efficient
- Mil-spec tested
- Touch capable
- Corrosion resistant housing



User interface

- Integration of key board, trackball and hand grip to meet customer requirements



Composite solutions

- Light weight
- EMI protection
- Keyboard and trackball (HMI)

Mission audio

- BAE Systems works with industry leaders to assist in implementing third party products

Display processing assembly

- General and graphics processing
- High performance computing
- COTS solution



Secure keyboard, video, and mouse

- External switching source capabilities
- Multi-level security capable

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