

PROVEN

Quality, Dependability and Reliability

The use of Commercial Off-The-Shelf (COTS) equipment for flight deck audio provides significant commercial and technological advantages to removing the system that came standard with the airframe and installing an entirely new audio system.



COTS MILITARY AUDIO SYSTEMS

In many cases, the audio system that came standard with the target airframe can be easily modified to meet the military radio complement and environmental requirements at a fraction of the cost of removing the standard system.

- Using a COTS audio system eliminates waste; removal of the standard system, rewiring the aircraft and installing a new system. In many cases the COTS system has technological benefits exceeding the original military systems
- Avtech's audio systems are designed with extra capability that can be leveraged when used in military applications
- Our in-house environmental test facility can re-certify the standard system to more rigid military environments
- Our lighting experts can design custom filtering to meet the specific NVIS requirements of the military platform
- Having a FAA TSOd product as a communications link is a valuable asset in military applications traveling in commercial airspace and airports
- Avtech's COTS products have been successfully used on the Boeing 707 AWACS, B737 Wedgetail, Peaceagle and P8 Poseidon programs

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avtech
Ideas That Fly 

B737 Wedgetail Aircraft



The 5346 panel is a modification of Avtech's successful 737NG system and was modified to provide the needed interfaces to military radios such as Tacan and IFF. The system also acts as a bridge from the secured communications of the mission control personnel to the unsecured communications in the flight deck.

B737 P8 Poseidon Aircraft



Another successful modification of Avtech's standard 737NG system is the 5347 P8 Poseidon system. This system required a reduced panel Audio Control Panel, military radio interfaces, custom switch legends and a UHF interface.

B737 P8 Poseidon Aircraft



Avtech's 5348 panel acts as a control panel for the mission critical systems installed in the P8 Poseidon aircraft. It interfaces directly with secure voice systems



Avtech's 5700 system is part of the AWACS communications upgrade. The 5700 system is based upon Avtech's full digital system standard aboard the B777 aircraft. The system was redesigned to interface with the secure mission communications system and the military specific radio assets. The 5700 system has the additional capabilities pre-certified to keep the development costs at an absolute minimum