



A400M COMMs System Integration Bench Test System

➤ Client / Programmes supplied

A400M
EADS – CASA (Getafe)
EADS (Ulm, Germany)

The A400M COMMs System Integration Bench is a laboratory test tool designed to support and validate the A400M Communications system.

The system is divided in two areas “Communications” and “Tactical Communications and Identification”.



➤ Systems Tested / Integrated

1. SATCOM: Antenna Sub-System, LNA/DIP, High Gate Amplifier, Antenna, Splitter, High-Speed SATCOM Transceiver, Satellite Receiver Transmitter (SRT)
2. VHF Data Radio (VDR)
3. Cockpit Voice Recorder (CVR)
4. Emergency Locator Transmitter (ELT)
5. V/UHF Radio
6. Direction Finder (DF)
7. IFF: IFF Mode S Transponder, IFF antenna, IFF cryptocomputer
8. HF Radio
9. Communication & Identification Management System (CIMS)
10. Communications Security (COMSEC): General Erasure Switch, Crypto Key Loading Panel (CKLP), Centralized Cryptographic Management Unit (CCMU), HF COMSEC 1, HF COMSEC 2, Crash sensors
11. Audio Management System (AMS)
12. Passenger Address (PA)

➤ Tasks developed

System Design
System Manufacturing
System Testing
Integration Support

