Tornado Fast Loader Mark 2

Working to become a dependable partner of choice

BAE Systems Insyte's joint command & information systems solutions give decision makers the information to make mission critical decisions before opponents can react, minimising risk to our forces and creating greater operational effect.

In-service with the Royal Air Force the Tornado Fast Loader Mk2 rapidly uploads the Tornado aircraft's main computer, radar homing & warning receiver and ADV radar data processor. This overcomes the limitations of slow and potentially unreliable cartridge-based systems.

Benefits

- Fast load time
- Powered from aircraft supply
- All equipment incorporated in a rugged case
- CD loading mechanism
- Simplified operation
- Specialist software installed to give high level of security protection and ensures equipment remains unclassified
- Military style connectors.

The Mark 2 Fast Loader has enhanced environmental protection, afforded by incorporating a PC in a hardened aluminium case, while retaining the advantages of being easily portable and upgradable. The lid incorporates locking side shields to allow use in sun and rain.

The MIL STD 1553B capability used for loading the Tornado GR4/4a Main computer can be easily adapted to load other 1553B compatible equipment.

The system can be adapted to accommodate other avionic interfaces.

Autostart at switch on to a simple menu system operated by only two keys.

The Tornado Fast Loader Mk2 equipment is incorporated in a rugged case

Tornado attack aircraft developed by BAE Systems

SPECIFICATION

Part Number: TFLD-02-001

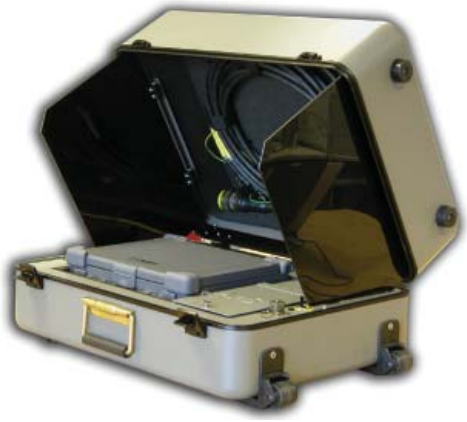
Nato Stock Number: 1730-99-4853245

Rugged laptop computer
- Intel Pentium M 1.4 GHz Processor
- 256 MB RAM
- 20 GB hard disk drive with shock damper
- PCI expansion chassis
- 12.1” colour TFT LCD
- 24-speed CDROM drive
- Lithium ion rechargeable battery
- Insyte produced loader interface card
- Dual redundant 1553B interface card.

Software installed
- Windows 2000 operating system
- RAMdisk (Establishes a volatile disk in RAM) for security control
- Insyte produced Fast Loader application software.

Miscellaneous
- Interface cable to connect the Fast Loader to IFU2 and the common Program Load connector on the aircraft
- 1553B cable to connect the Fast Loader to ATP2 on the aircraft
- Power cable to connect the Fast Loader to 28 Vdc from the aircraft ground power socket
- Hardened aluminium case
- Intelligent 100 - 240 Vac 50/60 Hz power adapter for Bay use
- User’s operating manual
- Quick reference card.

Anticipated future capability
- Tornado GR4/4a Computer Symbology Generator (CSG) loading via 1553B.



Delivery will be with all equipment fitted in the case.

BAE Systems Insyte reserve the right to change the specification of this equipment without prior notice.

FOR MORE INFORMATION CONTACT:

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