

AC-130U
AIC-40



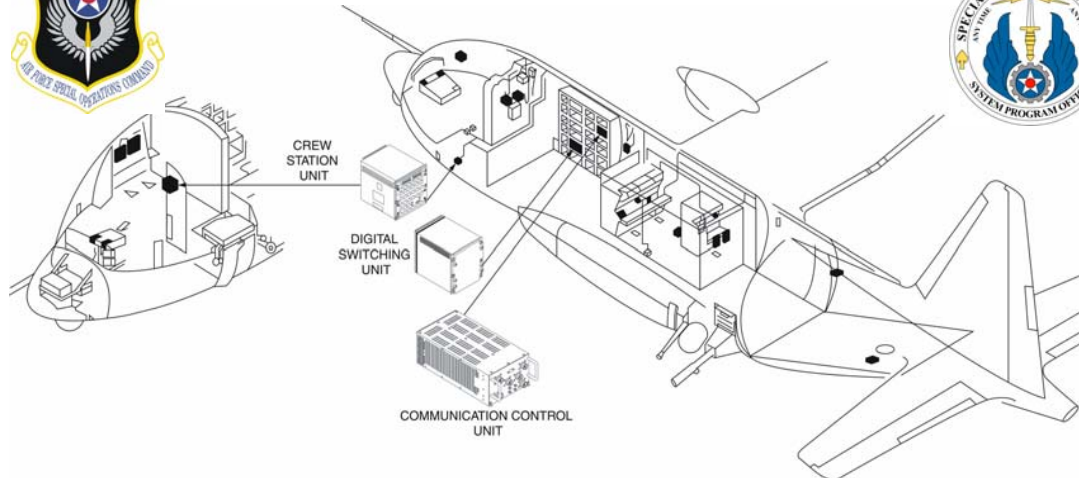
AC-130H
AIC-38



LUN Builds InterCom Programming Capability

Obsolete & Unsupported InterCom will last a Few More Years

Developed Shop Aids to Program ICS Cards



MC-130H
AIC-30



Problem:

- Airborne InterCommunications (AIC) Intercom Systems are Obsolete and Unsupported. Intercom systems are Vendor maintained.
- Vendor equipment to program Electrically Programmed Read Only Memory (EPROM) was old and no longer available to the Depot.
- Depot required complete organic capability for repair of the AIC-30/38/40 Intercom systems.
- Depot did not have the interface equipment or firmware to program the EPROM's and repair cards.
- Depot was not organic because they could not card edge program cards in several InterCommunications System (ICS) boxes.
- Methods had to be developed to program these cards.

Solution:

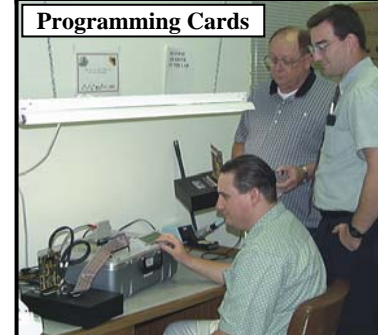
- Developed Organic Repair and Reprogramming capability.
- Develop Shop Aids to interface the Boardsite Programmer with the various cards in AIC-30/38/40 Intercom systems.
- Develop software to run on the Boardsite Programmer for programming the various EPROM's populating the targeted ICS cards.
- Develop a Firmware Support Manual to include checklists and diagrams for the Shop Aids.

Return On Investment:

- No vendor support required for AIC-30/38/40 Intercom Systems Depot Supportable.
- Depot programs all component cards with new EPROM programming kit.
- Cut Mission Incapable Awaiting Parts (MICAPs) by 90%.



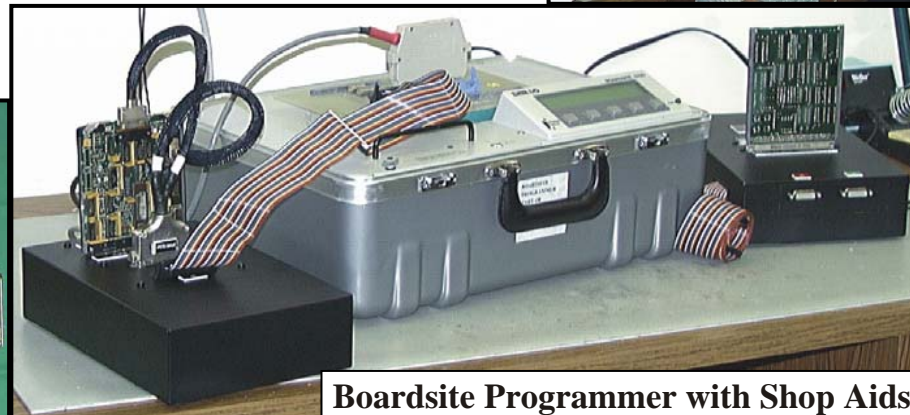
LUN Engineer: David Richards



Programming Cards



Shop Aids



Boardsite Programmer with Shop Aids