



# INCOM Controller

## Operator Interface for INCOM Transceivers

INCOM Transceivers are used for UHF / VHF communication for ground-to-air and air-to-air. The transceivers are interfaced on MIL-STD-1553 interface to INCOM Controller, which is cockpit-mounted, and provide an operator interface. INCOM transceiver, along with the controller, form an important part of aircraft communication.

INCOM Controllers provide ON/OFF control, Rotary switch, a set of self-illuminated back-lighted keys and 12-character alpha-numeric LED display for operator for selection of channels, mode and frequency of the INCOM transceiver. It features an illuminated panel, which aids the pilot in operating the unit under low-light conditions.

- ON/OFF & illumination : Potentiometer with ON/OFF control
- Function / Data Selection : 12 back-lighted window keys, with legend insert
- Channel Selection : 12-position Rotary Switch
- Squelch ON/OFF : Toggle Switch
- Display : 12-character dot-matrix, alpha-numeric display
- Illumination : Illuminated panel with 6.3 VAC lamps
- Power Supply : 16-36VDC
- Enclosure : Machined Aluminum
- Communication : MIL-STD-1553B
  - Selectable BC/RT role
  - Selectable RT Address
- Optional Remote Display unit with identical display
- Fully qualified for Airborne use on Fighter Aircraft platform
- Conforms to required environmental standards
  - MIL-STD-810D
  - MIL-STD-461D
  - MIL-STD-704D
- High Reliability

