Description

The AN/ARM-206 is the industry's first fully automated TACAN Test Set and is designed for depot and intermediate level support. The AN/ARM-206 meets all requirements for evaluating the performance and accuracy of airborne TACAN UUT's. The AN/ARM-206 generates signals that accurately simulate TACAN beacon signals to both the normal X and Y surface-to-air modes, as well as signals of an interrogating or complementary aircraft in X or Y air-to-air modes, including inverse mode. Easy to use color touch screen interface allows for simple changes to parameters and testing signals providing unsurpassed versatility.

The AN/ARM-206 measures fixed or varying range and bearing performance, including search/track ability, transmitter power output, receiver sensitivity and coding and decoding parameters on all TACAN channels and air-to-air range and bearing performance.

Features

➢ Fully automated TACAN unit Test Set for one step end-to-end testing.
➢ Supports automated testing of: AN/ARM-118: AN/ARM-136; and AN/ARM-153 airborne TACAN UUT's
➢ Modern replacement for legacy AN/ARM-155; AN/ARM-156; AND 972V-1 TACAN test sets
➢ 10.4 inch touch screen color display and easy to use keypad and jog shuttle controls
➢ Integrated User-friendly Keyboard and 10.4 inch color touch screen display
➢ Continuous Display of All Parameters and UUT Measurements
➢ Built-in Test-isolates Failures down to the Module Level
➢ Permanent storage of all UUT test results and download capability
➢ Remote software upgrades via front panel USB connection
➢ Superior reliability and factory recommended three year calibration cycle
➢ Meets or Exceeds:
  • MIL-PRF-2800
  • MIL-STD-461
  • ICAO ANNEX 10
➢ Power: 115/230 VAC ± 10%, 45 to 440 Hz
➢ Operating Temperature: 0 to 50°C
➢ Dimensions 23"H x 17.5" W x 15.5"D (excluding transit case and cables)
➢ Weight – 59 lbs.

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