

Military Test Solutions

Radio Communications Test Systems (RCTS)



RCTS-001 (AN/GRM-122)

NSN: 6625-01-432-8369

- Automated testing of SINCGARS and ground-radios

RCTS-002HQ (AN/ARM-204A)

NSN: 6625-01-497-5073

- Automated testing of HAVEQUICK II and airborne radios

RCTS-003B

NSN: 6625-01-556-0332

- Automated testing of Life Support radios

RPM-012 Radio Personality Module

NSN: 4920-01-552-0586

- ADF and VOR/ILS test add-on to RCTS Series

GRM-122 AV Kit

NSN: 4920-01-551-6540

- AV/COM kit upgrade for the GRM-122



3920N Analog/Digital Radio Test Platform



NSN: 6625-01-583-9945

- 2.7 GHz operation
- DMM, tracking generator, audio analyzer
- P25 testing capabilities, including:
 - Conventional mode
 - P25 trunking, including explicit mode
 - AES encryption
 - XTS[®] and XTL[™]-3000/5000 AutoTest

Portable Radio Test Set



3515AR Portable Radio Communications Test Set

NSN: 6625-01-572-6346

- Field testing and troubleshooting for ground and airborne radio systems
- Includes spectrum analyzer, oscilloscope and test Script language for automating tests, incorporating test instructions, data collection, etc.
- Radio test scripts are available for radios and systems, including PRC-117F, PRC-148, fixed-wing and rotary-aircraft, vehicles and data radios

3515N Portable Radio Communications Test Set

NSN: 6625-01-538-0285

- Field testing and troubleshooting for ground radio systems
- USMC specific configuration

Fuel Quantity Test

PSD90-1C AC/DC Fuel Capacitance Test Set



NSN: 4920-01-510-5628 (F16 fleet)
4920-01-528-2230 (non-F16 fleet)

- Tests any AC or DC capacitive system*

PSD60-1AF AC Capacitance Fuel Quantity Test Set



NSN: 6625-01-297-5305

- Tests any AC capacitive system*

* Aircraft-specific interface cables are required and must be purchased separately.

Radio Altimeter Test

ALT-8000 Radio Altimeter Flightline Test Set



NSN: 6625-01-610-3549

- Tests FMCW radio altimeters including analog CDF types
- Tests pulse radio altimeters (non-pulse compression types)
- Direct-connect to UUTT/R or to installed system via antenna couplers

Nav/Comm Test

IFR 4000 Nav/Comm Test Set



NSN: 6625-01-516-4656

- Tests VOR, ILS, Marker Beacon and VHF/UHF
- ELT software upgrade available*

* NSN: 6625-01-553-1956 with ELT option installed

IFR 4000AR Nav/Comm Test Set

NSN: 6625-01-559-2384

Contract#: W58RGZ-09-D-0007

- IFR 4000 plus added protective cover

Transponder, Interrogator, DME, TACAN and TCAS Test



IFR 6015 Ramp Test Set

NSN: 6625-01-574-2423

- Transponder Modes 1,2,3A/C/S, TCAS I, II, E-TCAS and TACAN

APM-424(V)5

Interrogator/Transponder MK XIIA Mode 5 Test Set

NSN: 6625-01-583-2774 (Includes KIV-77 adapter)

- Transponder Test Modes 1, 2, 3/A, C, S (ELS/EHS), 4, Mode 5
- Interrogator Test Modes 1, 2, 3/A, C, S, 4, Mode 5, TCAS, ETCAS
- Shipboard interrogation

Note: Configurations also available w/ KIV-78 adapter

APM-424(V)4

Interrogator/Transponder Test Set

NSN: 6625-01-600-6784

- Transponder Test Modes 1, 2, 3/A, C, S (ELS/EHS), 4
- Interrogator Test Modes 1, 2, 3/A, C, S, 4, TCAS, ETCAS
- Shipboard interrogation
- MODE 5 upgradeable

Factory Upgrade Kits:

COMSEC adapters sold separately

Fielded Unit	Upgrade To: APM-424(V)4	Upgrade To: APM-424(V)5
APM-424(V)3	67197	86738
APM-424(V)4		88573
TS-4530/UPM	67197	86738
TS-4530-1/UPM		88572
TS-4542/UPM	67197	86738